NILU
OPPDRAGSRAPPORT NR. 40/82
DATE: SEPTEMBER 1982
REFERENCE: 23580

POLYCYCLIC AROMATIC HYDROCARBONS IN AMBIENT AIR IN SUNDSVALL, SWEDEN

BY

K.E. THRANE

NILU

NORSK INSTITUTT FOR LUFTFORSKNING

POSTBOKS 130 - 2001 LILLESTRØM

NILU
OPPDRAGSRAPPORT NR. 40/82
DATE: SEPTEMBER 1982
REFERENCE: 23580

POLYCYCLIC AROMATIC HYDROCARBONS IN AMBIENT AIR IN SUNDSVALL, SWEDEN

BY

K.E. THRANE

NORWEGIAN INSTITUTE FOR AIR RESEARCH
P.O. BOX 130, N-2001 LILLESTRØM
NORWAY

ISBN-82-7247-336-4

SUMMARY

A monitoring program of polycyclic aromatic hydrocarbons (PAH) and fluoride in ambient air has been carried out in Sundsvall in 1980 and 1981. Samples were collected once a week. The concentrations of fluoride were measured by the laboratory at Gränges Aluminium while the PAH concentrations were determined by the Norwegian Institute for Air Research (NILU). Meteorological observations such as wind speed, wind direction, temperature and stability were made at the aluminium factory. The predominant wind directions in this area are NW and SE. The NW wind occurs during winter and at night in summer. SE is the most frequent wind direction in daytime during summer. Gränges Aluminium is situated SE of Sundsvall. When the wind direction is SE, that is during daytime in summer, the pollutants will be brought from Gränges to Sundsvall. The results show that the concentrations of pollutants are low for most of the measurements, but also that extremely high concentrations may occur in Sundsvall. The high concentrations were observed when the monitoring stations received air that had passed the aluminium plant.

The average concentrations of PAH agree with the levels reported from large urban areas in other countries. The average fluoride concentrations, however, are low compared to measurements made in the neighbourhood of aluminium industry in Norway.

The contribution of PAH from Gränges Aluminium to the ambient air relative to other sources of PAH has been quantified by two different methods. The results show that Gränges Aluminium is responsible for more than 50% of the PAH measured in the area.

LIST OF CONTENTS

POLYCYCLIC AROMATIC HYDROCARBONS IN AMBIENT AIR IN SUNDSVALL, SWEDEN

1 INTRODUCTION

In 1980 the Norwegian Institute for Air Research (NILU) was asked by Gränges Aluminium to measure the concentrations of polycyclic aromatic hydrocarbons (PAH) in ambient air in Sundsvall in order to determine the levels of PAH in this area, and to study the behaviour and transport of these air pollutants. The purpose was also to study the possibilities of identifying the main emission sources of PAH, and of quantifying the contributions from the different sources.

Many of the PAH compounds, such as benzo(a)pyrene (BaP), are known carcinogens (NAS, 1972), and their presence in the ecosystem has caused increasing concern. The PAH are produced either by inefficient combustion of carbonaceous material or by heating coal tar and pitch, and thus most of the sources are anthropogenic (Suess, 1976).

One important industrial source of PAH is the electrolysis, with Söderberg electrodes, for production of aluminium. In this process the PAH evaporate from the electrode paste which consists of coal tar pitch and coke, when the paste is heated to temperatures of about 970^{o}C. PAH are also released to the air during the production of the anode paste, which is made by heating a blend of coke and tar or pitch.

Due to their high vapour pressure, it is believed that most of the PAH will remain in the vapour phase at the elevated temperatures of the emissions. When the fumes from the anodes are diluted with the ventilation air, the temperature drops to about 30^{o} and a part of the PAH is condensed on small particles. When the ventilation air (the largest part) is cleaned in water scrubbers, only a minor fraction of the total PAH is removed (ca 1/4) because of the poor solubility in water for gaseous PAH and because of the fact that the efficiency of scrubbers for small particles is low.

At ambient temperature, the PAH are adsorbed to particles and are probably present in the atmosphere mainly in the particulate phase.

In 1978 the emission of benzo(a)pyrene (BaP) from Gränges Aluminium was estimated to be about four times the total amount emitted from motor vehicles in Sweden (Bjørseth and Wikström, 1979). The result of this estimate caused great concern, and a survey of the air quality in the Sundsvall area was made in 1980-81. The monitoring program described in this report is an important part of this survey. The survey also includes an evaluation of the air quality with respect to mutagenicity (Alfheim, 1982). Measurements made during the summer of 1980 (Thrane, 1980) showed that high concentrations of PAH occur in the area, and that Gränges Aluminium was a dominating source.

In this context it may be appropriate to mention some of the activities at the aluminium plant aimed at reducing the emissions of PAH and other pollutants such as fluorides.

Plant 1: This plant produces 13.000 tons Al/year and is the older of the two reduction plants. It accounts for about half of the BaP-emission. The productivity is low but the metal produced is of high quality. Considerable reductions of the emissions were achieved in 1972-73 due to replacement of old cleaning equipment. Nevertheless the plant will be shut down before the end of 1985.

Plant 2: This plant produces 70.000 tons Al/year. The latest program for decreasing emissions was launched in 1976. The most important part of this program is changing the anode paste to paste with low pitch content, a technique developed in Japan. During the 1978 measurements of PAH-emissions only a few experimental pots were in operation. At the beginning of the present monitoring program in the summer of 1980 the low pitch paste project had reduced emissions of BaP from about 0.20 kg/h in 1978 to about 0.12 kg/h, and at the end of the program in August 1981 the emission could be estimated to 0.09 kg/h. The low pitch paste has been introduced in the whole of plant 2 in 1982 and the emission is about 0.07 kg/h.

Other parts of the program include automatic feeding of alumina, new burners etc. and these are expected to reduce the emission further.

Electrode paste plant 1: In 1980 tar pitch melters were shut down.

Electrode paste plant 2: In 1982 a condenser was installed after the pitch melter.

2 SOURCES OF PAH IN SUNDSVALL

Industry, traffic and domestic heating are the main sources of PAH in the Sundsvall area. The largest industries beside Gränges Aluminium are Johannedal, Kema Nord and Ortviken which are all situated along the coast, see map in Fig. 1, and Matfors situated about 10 kilometers west of Sundsvall. Pollutants from sources in Timrå, which is an industrialized area, may also have some effect on the air quality in Sundsvall during periods with northerly winds.

An estimate of the PAH emission in the area has not been made, but a report on the oil consumption per year has been published (Sundsvalls Miljövårdplanering, 1975), and some of the data are given below. It should be noted that a few factories have incinerators for bark and waste, which probably are important sources of PAH. More recent information has been provided by Gränges Aluminium and is presented in Table 1 (Berggren, 1982).

The consumption of oil at the Johannedals Board-factory was 11 000 m^3 in 1975, but this factory also had an incinerator for bark and waste. In the same year the consumption of oil at Ortviken Pappersbruk was about 70 000 m^3, and in addition combustion of bark was used for energy production. Kema Nord is producing chemicals such as carbide, vinyl chloride, etc., and their consumption of oil in 1973 was 19 000 tons. The carbide is produced by electrolysis with Söderberg electrodes. Matfors Pappersbruk consumed about 14 000 m^3 of oil 6-8 years ago. The consumption of oil by the rest of the industry in this area is estimated to 15 000 m^3/y.

There is no information available about the consumption of gasoline or emission of PAH from motor vehicles in Sundsvall. The concumption of oil for domestic heating published in 1975 (Miljövårdplanering; 1975) was 40 000 - 50 000 m^3/y. This agrees with the more recent information given in Table 1.

The information given above indicates the relative size of the fuel consumption by possible sources of PAH in this area. The PAH formation, however, depends on the combustion efficiency and will vary considerably from one source to another. It is therefore a difficult task to estimate the emission of PAH to ambient air on the basis of the scarce information available.

3 MONITORING PROGRAM

The air pollutants measured in this program were fluoride and the PAH compounds listed in Table 2. The selection of PAH for analysis was made by Gränges Aluminium and based upon priority lists prepared by the Environmental Protection Agency (EPA) in USA, and by T. Aune at the National Institute for Public Health in Norway. Gaseous and particulate fluorides were collected on impregnated filters and analysed at the Gränges Aluminium laboratory. Employees at Gränges Aluminium did the sampling of PAH, but the analyses were carried out at NILU. The methods used for the determinations of PAH in ambient air have been described by Thrane and Mikalsen, (1981) and Thrane et al. (1982).

The monitoring started in July 1980, but was discontinued in August the same year. It started again in November 1980 and lasted until the end of August 1981. Samples were also collected and analysed in October 1981. No monitoring results are therefore available for the month of September.

The sampling was made about every 8th day, but never on Saturdays and Sundays. For about half of the monitoring program the sampling time was 12 hours, but during the winter, the early spring and the fall of 1981, 24 hours samples were collected.

The 12 hours samples collected in summer made it possible to distinguish between the pollution levels at night when there was land-breeze (Geokonsult, 1980) and little traffic, and the levels during daytime with high traffic density and sea-breeze. It would, of course, have been preferable for the interpretation of the data, to have collected 12 hours samples throughout the monitoring program, but in order to reduce the expenses of the analyses, and also to obtain sufficient amounts of PAH for the analysis during winter, it was decided to collect 24 hours samples at the time when there was no land- or sea-breeze.

Meteorological observations were made at Gränges Aluminium, see Figure 2, and comprised hourly measurements of temperature, wind-direction and -speed at 40 meters above the ground, and temperature at 10 meters altitude. The stability of the air is indicated by the difference between the temperatures at 40 and 10 meters above ground level. The meteorological observations have been presented in separate reports (Sivertsen and Arnesen, 1981, 1982). Meteorological measurements from the mast at Gränges Aluminium were not available from 9 June 1981 until 3 August. Wind observations made at the town hall in Sundsvall have therefore been used for the analyses of the data collected during this period. A comparison of wind observations from the two stations have been made (Sivertsen and Arnesen, 1982). The results indicate that the wind follows the valley and that for instance, the NW wind at Gränges has a more westerly direction in Sundsvall.

4 METEOROLOGICAL CONDITIONS IN THE SUNDSVALL AREA

Results from a study of the meteorological conditions in Sundsvall based on wind measurements from the period 1961 to 1975, show that NW is the predominant wind direction, while SE is the second most frequent wind direction (Geokonsult, 1980). Inversions occur mostly in the winter, especially in December and then most often during the night. The inversions may occasionally last for several days, and during these episodes the concentrations of pollutants in air are likely to increase.

Along the coast of Sweden the land-sea-breeze will be dominating in the summer. The sea-breeze starts at 9-11 a.m. and the wind direction at Gränges Aluminium will be within the sector from S to E. At sunset the wind will calm down. Later at night when the the land has cooled to temperatures below the temperature of the sea, the land-breeze starts, and will reach its maximum at dawn. The sea-breeze is stronger than the land-breeze.
In some cases the land-sea-breeze will move the same parcel of air back and forth across the area. This means that the air pollutants transported with the sea-breeze over land during the day may come back at night when the wind is coming from the opposite direction.

5 MONITORING STATIONS

The locations of the monitoring stations in this network were selected on the basis of a study of the dispersion patterns of pollutants from the aluminium factory, (Sivertsen and Vitols, 1980). Five stations were recommended and their locations are shown in Figure 2.

The station at Kubikenborg (KU) (see Figure 3), is influenced by Gränges Aluminium and by the highway, E4, passing between the plant and the station. A central heater at Enhörningsvägen about 100 meters WNW of the sampling station may also have had some effect on the measured results. NILU originally suggested that this station should be placed on the same side of the road as the

factory, for instance at a nearby research laboratory (Forsknings-laboratoriet SCA). A station at such a location would according to the results of the tracer study (Sivertsen and Vitols, 1980), receive the plume from the factory while the interference from the traffic in most cases would be avoided. For technical reasons, however, this station was placed in the residential area at the Kubikenborg school. This is the centre for public activities such as library and recreation facilities. The air intake is about 3 meters above ground level.

Haga, Villa Marieberg is affected by plumes from Gränges Aluminium when the wind direction is within the sector S-SE, which means during daytime in the summer and occasionally in the winter. This station is also situated in a residential area with 1-2 story houses and gardens (see Figures 4 and 5). Pollutants from Ortviken Pappers-bruk and traffic may also affect the monitoring results at this site. The air intake is 2 meters above the ground.

Köpmansgatan (KGT), see Figure 6, is downtown in a street with dense traffic. The results from this station should provide information about the contribution of PAH from traffic. The air intake is 4 meters above the sidewalk of the street.

The station at Sidsjön (SID) is in a suburban open-space area, see Figure 7, and it is to some extent topographically sheltered from Gränges Aluminium. This station was meant to be representative for the background. The air intake is about 3 meters above ground level. It was later discovered that an incinerator for a hospital is located only 200 meters south of this station, and that the Nacksta central heater is about 1 kilometer away in the NW direction.

A mobile station was also suggested for this program. The results should give information about the impact of pollutants from the aluminium smelter at different locations. The contribution reaching the western coast of the island Alnön was of particular interest. For practical reasons measurements were made at Nyhamnsudden (NYH) and these are believed to be representative. The mobile station was also used at "Forskningslaboratoriet (SCA)".

6 STATISTICAL ANALYSES

The statistical analyses include computation of average concentrations of fluoride and PAH for each station, medians, frequency distribution and regression analyses as well as the variation of concentrations with meteorological observations.

Computer programs in "Analysedata", which have been developed at the Central Institute for Industrial Research (SI) in Norway, (Gether and Seip, 1979), were employed for the statistical analysis of the chemical data. A visiting scientist at NILU, Dr. R.C. Henry has kindly analyzed the data by principal component analyses (PCA) in order to find statistically independent linear combinations of the PAH compounds (Henry, 1982). A new method of cluster analysis has also been employed to estimate the contribution of PAH from Gränges Aluminium to the different stations in the Sundsvall area. The statistical method used for this particular analysis is described in the literature (Bezdek, 1981, Gunderson and Jacobsen, 1982, Jacobsen and Gunderson, 1982), and the method is called "Fuzzy Logic". The permission to use this program has been granted by R.W. Gunderson, Utah State University, USA and by T.Jacobsen, Brewing Industry Research Laboratory, Norway. The program has been made available at the Brewing Industry Research Laboratory.

As the monitoring program comprises three types of samples, that is night-, day- and 24 hours samples, the data had to be grouped according to Figure 8, before the statistical analyses could be carried out. For the PCA the results from the night- and day-samples were combined and analysed as 24 hours samples.

The data collected in this monitoring program are available in digital form on magnetic tape for further statistical analysis.

7 RESULTS

The results of the chemical analyses of all samples collected at each of the stations as well as the meteorological observations obtained during the sampling periods are given in the appendices.

7.1 Comparison of concentration levels of fluoride and PAH in Sundsvall with other measurements.

The average concentrations of fluoride and PAH in all samples collected at four stations during 1980 and 1981, are listed in Table 3.

The average concentration levels of PAH measured in the residential area at the Kubikenborg school, agree with the levels in Köpmansgatan. The concentrations at Haga are somewhat lower, but also comparable to the levels in the street with dense traffic. At Sidsjön the levels are about one third of those determined at Kubikenborg and Köpmansgatan and half of the concentrations measured at Haga.

Measurements of PAH have been reported in the literature for more than twenty years. Concentration levels from cities and residential areas are shown in Table 4. When comparing the levels of pollutants determined at these different locations, it is most important to bear in mind that different techniques for sampling and analysis have been used, and that the results will depend on the choice of methods. For example, the sampling time reported for the measurements in Table 4 varied from a few days to about three weeks. Losses and transformation of PAH may well occur during a long sampling period. It is also important to remember that most results reported in the literature are of particulate PAH only, and should therefore not be compared with the total concentrations of gaseous and particulate PAH measured in the present study.

The seasonal average concentrations of fluoride and PAH compounds measured at four stations in Sundsvall are given in Table 5. There are unfortunately very few measurements during the fall, and therefore only the averaged results from October 1981 have been reported for this season. The results in the Tables 6 and 7 show the average concentrations of samples collected in Norway at a background station, Birkenes, in a suburban area, Lillestrøm (Thrane and Mikalsen, 1981) and in Oslo (Alfheim et al 1980, Larssen, 1982). For all studies made in Norway both particulate and gaseous PAH have been collected, and the same methods for sampling and analysis have been used as in the Sundsvall monitoring program. Results obtained for each separate compound measured in these studies are therefore comparable. It should be noted that the PAH compounds selected for determination may not be the same in all cases and the sum of the PAH should not be used for comparison of concentration levels at the different stations. The results of PAH from most of the samples collected at Kubikenborg, Haga or Köpmansgatan agree with the concentrations determined in cities and in residential areas in Norway where the same method of measurement has been used (Tables 6 and 7). The levels of PAH at Sidsjön are, with a few exceptions, in the same concentration-ranges as the levels in the residential and background areas in Norway.

The levels of fluoride in ambient air are included in Tables 3 and 5. Compared to the mean concentrations reported from areas near Norwegian aluminium plants, see Tables 8 and 9 (Statens forurensningstilsyn 1982), the levels of fluoride in Sundsvall are low.

7.2 The influence of meteorological conditions

The concentrations of fluoride and PAH vary considerably. In most cases, the highest concentrations occur when the wind direction is from Gränges Aluminium towards the monitoring station, which indicates that the aluminium factory is a dominating source of both fluoride and PAH in this area. This has been illustrated in Figure 9, where the analytical results from each sample have been arranged according to wind direction measured in decagrades (1-36). The number of samples for each wind direction indicates that the predominant winds are within the sector W-N (27-36) and E-S (9-18). The figure illustrates that the highest concentrations of pollutants occur at the four stations when the wind is coming from the sector E-S , that is 9-18. The wind from this sector is often caused by the sea-breeze, and therefore usually occurs during daytime in the summer. The highest concentrations of fluoride and PAH have been found in samples collected at those times .

7.3 Results from the mobile station

A few samples have been collected by the mobile station at Forskningslaboratoriet SCA and at Nyhamnsudden. The average concentrations of fluoride, BaP and total PAH, and the maximum and minimum values are given in Table 10. Results of the regression analysis of fluoride and BaP have been included and show that the concentrations of those pollutants are well correlated. It should be noted that the good correlation in this case is caused by a few samples with high concentrations.

The concentrations of PAH measured at Nyhamnsudden, south east of Gränges, are similar to the levels in residential areas in Norway, see Table 6. Nine samples were collected during May and June and the wind direction were in most cases within the sector S-E. Maximum concentrations of fluoride and PAH occured in a 24 hour sample when the wind direction was NW for about 40% of the sampling time.

Most of the samples from SCA were collected when the wind direction was NW. In these cases, however, the station SCA received air from Sundsvall, and the pollutants measured at the station came from traffic, domestic heating and industry NW of Gränges Aluminium. For three days, one in July and two in August, the wind direction was SE to SW, and the station received air that had passed the aluminium plant. The concentrations of fluoride and PAH measured during these four days were far above the average for this station.

Unfortunately, very few measurements were made by the mobile station at Nyhamnsudden (NYH) and Forskningslaboratoriet SCA, and therefore it is difficult to draw any conclusion from these results. The concentrations measured at Nyhamnsudden are low and the wind measurements indicate that this station had very little influence from Gränges during the monitoring. When the wind direction is within the sector SE-SW very high concentrations are measured at SCA indicating that this station receives considerable amounts of pollutants from the plant.

7.4 Benzo(a)pyrene (BaP)

BaP, because of its carcinogenic properties, has been considered an important organic air pollutant. It has been the most extensively montitored PAH, and measurements of this compound have been reported in the literature for many years. Results have been compiled by Sawicki in 1976, and an abbreviated list is presented by Umweltbundesamt (1979). Some of the recent results are given in Table 4. BaP has previously been used as a PAH indicator, but is not regarded as a good measure for the total PAH in ambient air. The compound is unstable and it is believed that it has a short lifetime in ambient air compared to other PAH. Another reason for not using a single compound as an indicator is that the relative amount of the individual compounds released from the different sources may vary considerably.

The day-to-day variations of BaP and fluoride for each station throughout the monitoring period are illustrated in Figure 10. Meteorological observations such as predominant wind-direction,

average wind-speed in Beaufort, and stability of the air, (Sivertsen and Arnesen 1981,1982) are included in the figure. In the cases when the day- and night-concentrations have been measured separately, the mean value for the 24 hour period is included in the figure.

The results in Figure 10 show that high concentrations of fluoride and BaP occur when the wind comes from SE at most stations during daytime in the summer. In a few cases at Sidsjön, the high concentrations are found in samples collected at night. This could be an effect of the land-sea-breeze when the same packet of air that brought the pollution over land during the day, is coming back at night in the opposite direction. The high levels of BaP that occur at this station when the fluoride concentration is low may be caused by the emission from other sources than Gränges such as the central heater NW of the station.

7.5 Regression analysis

The correlations between the concentrations of fluoride and important PAH compounds such as fluoranthene, benzo(a)anthracene (BaA), BaP and coronene for each station have been computed and are shown in Figure 11.

BaP was selected for the regression analysis because it is considered one of the most important PAH. Fluoranthene and BaA are strongly associated with the emission from the aluminium production, while coronene is a good tracer for vehicular PAH compounds (Henry (1982).

The correlations between concentrations of fluoride and the three PAH compunds: fluoranthene, BaA and BaP measured at the Kubikenborg station are good. The regression lines, however, do not come through origo, which indicates that there are sources of PAH not related with the fluoride emission. These sources could be the anode paste factory at Gränges, traffic, domestic heating and other industrial activities in the neighbourhood.

Coronene is associated with emissions from motor vehicles and not with aluminium production, and as expected, the correlation coefficient between fluoride and coronene concentrations is low. This indicates the presence of other sources of coronene in the area.

The high correlation coefficients between fluoride and the PAH compounds at Haga are, as shown in the figure, mainly caused by the results in two samples. Except for these two samples the correlation especially between fluoride and coronene concentrations is low.

One sample with extremely high concentrations causes the good correlation between fluoride and the three compounds fluoranthene, BaA and BaP in Köpmansgatan. The regression analysis shows that the station in Köpmansgatan is affected by the aluminium factory, but also by other sources such as the traffic. There is no correlation between fluoride and coronene concentrations in the samples collected in the street, which indicates that fluoride and coronene have different origins at this station.

At the remote station Sidsjön all PAH compounds are well correlated with fluoride probably because the pollutants from different sources have been mixed before they arrive at this station. As shown in Figure 11, high concentrations of BaP and coronene have been found in samples with very low concentrations of fluoride, which indicates that Gränges Aluminium is not the only source of the PAH affecting the station at Sidsjön.

The results of the regression analysis in Figure 11, show that the good correlation between the pollutants are due to some few samples with high concentrations. Unfortunately computation of the confidence interval of the correlation coefficient was not included in the program. This parameter would have been very useful in order to assess the significance of these numbers.

7.6 Estimates of the contribution of PAH to the air

Gränges Aluminium estimates the average emission of fluoride and BaP to be 13 kg/h and 0.26 kg/h respectively during the study. The emission rate of BaP when the monitoring program started was 0.28 kg/h, but due to improvements in the factory the emission rate had been reduced and was about 0.24 kg/h when the monitoring stopped in October 1981. Provided that the retention time of fluoride in the atmosphere is the same as the lifetime of BaP and that the aluminium smelter is the only source of fluoride in Sundsvall, the contribution of BaP from Gränges Aluminium at the different stations may be estimated from the ratio of the BaP and fluoride emissions and the concentrations of fluoride in the air. It should, however, be noted that these figures are based on very few emission measurements, which makes the estimate of the contribution of PAH from Gränges Aluminium somewhat uncertain.
As Table 11 shows the results of this estimate are probably too high, as the estimated contribution of BaP from Gränges to Kubikenborg is 23% higher than the measured concentrations, see Table 3. The reason could be decomposition of BaP prior to the analytical determination of the air sample. It could also be that this station, which is located very close to Gränges, is influenced more by the old plant than by the new one. The fluoride emission from the new plant is low compared to the old plant. For this reason the ratio used for the estimate may be too high because the factor that has been used is based on the the average emission from all the sources at Gränges.

The results of the estimates in Table 11 indicate that Gränges is responsible for almost all the PAH measured at Haga. It is known, however, that there are other important sources such as the main road and industry in this area, and it therefore seems likely that this estimate is somewhat too high. The contribution of PAH from Gränges Aluminium in Köpmansgatan yield concentrations of the same magnitude as the contribution of PAH from the traffic. The results show that the station at Sidsjön receive pollutants from other sources as well as the aluminium plant, but that the plant has a strong influence on the air quality also in this background area.

The air samples collected at the stations in Sundsvall contain a mixture of PAH with different origins and lifetimes. It is a difficult task to quantify the contribution from Gränges Aluminium and other main sources in the area. An approach was made by Henry (1982), and his work will continue in order to develop a statistical method for evaluation of different source emissions.

"Fuzzy Logic" cluster analysis (Bezdek 1981; Gunderson and Jacobsen 1982, Jacobsen and Gunderson 1982) has also been employed for the evaluation of the results in this project. This method searches for patterns in the data, and divides the data into clusters according to these patterns. The degree of membership in a cluster is determined for each sample. In this particular case up to 40 samples could be analysed with a maximum of 12 variables. The variables included in the analysis are listed in Table 12. The selection of variables for the cluster analysis has been based on results from the principal component analysis (PCA) (Henry, 1982), but also on the importance of certain compounds. A compound is regarded as important when present in air in relatively high concentrations or when proved to have adverse health effect. Different combinations of variables have not yet been tested. Five clusters have been used for all the analyses and the degree of membership in these clusters for each sample are given in the matrices in Table 13. The samples have been listed in the order of increasing fluoride concentration. Three clusters were also tried for some sets of samples, and the results did not differ significantly from those obtained with five clusters. The cluster analysis computer program includes the option of normalizing the data sets to a reference concentration value, thus emphasizing the patterns of the PAH components within each sample rather than the absolute values of the concentrations. Using this option ensures that a typical pattern in a sample (a "fingerprint" of an emission) is not lost due to large variations in concentration from sample to sample. A full exploitation of the powerful cluster analysis technique is laborious and time consuming and has not been possible within the framework of this report. A preliminary analysis shows, however, that there is little change in the clustering of the data when the normalizing procedure is employed. This indicates

that it should be possible to identify the emissions from the aluminium industry through a background of other polluting sources.

The estimated contributions from Gränges to the different stations, given in Table 14, are based on the membership of each sample in the clusters associated with the aluminium industry. For identification of these clusters, the ratios of fluoride and PAH in the samples, and wind directions were used. The directions of the clusters, i.e. principal components, see Table 13, may also be used for this purpose.

For the day-samples collected at Kubikenborg the clusters 1,2 and 5 are representative for the aluminium production while the samples in cluster 4 do not seem to be associated with this source. Cluster 3 may be a mixture, but the influence from the plant seems to be strong and this cluster has therefore been included in the estimate of the contribution from Gränges Aluminium. The estimate of the contribution from Gränges to Kubikenborg in the samples collected during night has been based on the membership in the clusters 1, 3,4 and 5, and in the 24 hour samples on the clusters 1,2,4 and 5.

The estimates of the contribution from the aluminium plant to the Haga station given in Table 14, are based on the membership in four clusters. Three of these clusters are according to wind directions during sampling and the fluoride content strongly associated with Gränges Aluminium, while the fourth may to some extent be affected by other sources. One cluster does not seem to be associated with the aluminium production.

The estimates of the contribution from Gränges to Köpmansgatan have been based on the memberships in three out of the five clusters, see results in Table 14. The samples at this station were also divided into three clusters, and in this case two of the clusters were associated with the aluminium industry. The contribution from Gränges was quantified on the basis of these two clusters, and the results were about the same as those given in Table 14.

The samples collected at Sidsjön are as mentioned before a mixture from different sources. Three of the clusters are, however, strongly associated with aluminium production and the estimated contribution given in Table 14 is based on the membership in those.

The estimated contribution from Gränges Aluminium to ambient air is for all stations, lower when the estimate is based on the "Fuzzy Logic" cluster analysis, than when it is made from the ratio of BaP and fluoride emissions. The largest differences between the results from the two methods are found in samples from Kubikenborg and Haga, where the estimates based on the emission ratio, see Table 11, are extremely high. There is ten percent difference between the results obtained from the samples collected in Köpmansgatan, while the best agreement between the results in Tables 11 and 14, is obtained from samples collected at Sidsjön.

7.7 Frequency distributions

The concentrations of fluoride and PAH compounds are logarithmic normally distributed. Examples of the histograms and the cumulative frequency distribution are shown in Figure 12 for fluoride, fluoranthene and BaP.

Most of the samples are in the low concentration ranges, while there are a few samples with extremely high concentrations. It is important to be aware of the fact that the average concentrations presented in this report include these high concentrations. In these cases when the distribution is skew, it will be more correct to report and use the median values as a measure for the concentration levels. The median is much lower than the average concentration for all components. Mean values have, however, been reported in the literature and the mean concentrations may therefore be useful for comparison with concentration levels at other locations. Also air quality standards are based on the mean values. No national air quality standard for PAH or BaP has been published, but an annual average standard for ambient air of 10 ng BaP/m^3 was proposed in the Federal Republic of Germany (FRG) some years ago (Pott and Dolgner, 1979). As the results in Table 3 and in Figure 12 show, the mean concentrations for BaP are below this value.

The lowest Norwegian air quality guideline for gaseous fluoride in 24 hours samples based on results from studies of vegetation, is 1.0 $\mu g/m^3$ (Statens forurensningstilsyn, 1982). The 24 hours guideline for health effects of total fluoride is 25 $\mu g/m^3$ (Statens forurensningstilsyn, 1982), and this value was never exceeded during the monitoring at any station in Sundsvall.

7.8 Profiles of PAH in air samples

Composition of PAH in air vary from one location to another, and to some extent the profiles of the PAH make it possible to identify sources in the neighbourhood of the sampling station. The profiles of day-, night and 24 hours samples from each station are shown in Figure 13. Some of the PAH, such as the methylnapthalenes are not included because these compounds have been measured for only a part of the time and the data-sets are therefore incomplete. The average concentrations of the components are also given in Table 15.

As seen in Table 15, the concentrations vary from one station to another and there is also large variations between the day, night and 24 hours samples. The composition of the averaged samples, however, does not seem to vary, except for some differences between the profiles obtained in Köpmansgatan and those obtained at the other stations. The concentration of coronene which is associated with traffic, is as expected relatively high in the street whereas the fluoranthene concentration is low. The ratio of fluoranthene and coronene concentration may be used as an indicator for the influence of the aluminium production. This ratio is usually higher close to an aluminium plant than the ratio found in samples collected near the traffic. For example, the average ratio of 13 samples collected in a street in Oslo was 2.3 with a standard deviation of 1.1. In 13 samples that had been exposed to both traffic and domestic heating, the average ratio was 9.4 and the standard deviation 6.1. The ratios of the average concentrations for the four stations are given in Table 16, and the ratios found at the stations Kubikenborg, Haga and Sidsjön are all high. This indicates that the influence from the aluminium smelter is high,

and that domestic heating and traffic are minor sources of the PAH in the air at these stations.

The fluoranthene to coronene ratio is high in air samples collected at night in Köpmansgatan and equals the ratio found at Sidsjön. The ratios for the 24 hours samples and also for samples collected at day-time, when the PAH from vehicles are dominating in Köpmansgatan, are low. At night there is little traffic in Köpmansgatan and the pollutants from the vehicles are minor compared to the amount from the aluminium plant. During daytime there will be sea-breeze and the station will be affected both by the traffic and the aluminium plant. The 24 hours samples have been collected in the winter and early spring when the NW wind is dominating and the main sources at this station are traffic and heating.

Lettuce collected near a highway in the Stockholm area and in Sundsvall has been analysed for PAH (Larsson and Sahlberg, 1981). The results show that the concentration of fluoranthene relative to total PAH is higher in the samples from Sundsvall than in the samples exposed to pollutants from traffic. The relative concentrations of compounds with higher molecular weight, including BaP, are lower in the Sundsvall lettuce than in the samples collected near the highway in Stockholm. It would have been interesting to compare the ratios of fluoranthene and coronene in lettuce with these obtained in air, but unfortunately coronene was not determined in the vegetable samples. The results from Larssons and Sahlbergs study support what has been found in this study and by R. Henry (1982), i.e. fluoranthene is more strongly associated with production of aluminium than with other sources such as traffic and heating.

8 CONCLUSION

The results show that there are 2-3 major sources of PAH in the Sundsvall area, (Henry, 1982), but they also show that most of the PAH found in air have been emitted from Gränges Aluminium. The correlation between BaP and fluoride concentrations is high at the

stations Kubikenborg, Haga and Sidsjön, but not in Köpmansgatan except for certain days when the wind has brought the pollutants from Gränges Aluminium to the downtown area.

The frequency distributions show that the concentrations of pollutants are low for most of the measurements, but also that very high concentrations occur. The high concentrations have been measured when the stations receive air that has passed the aluminium plant. Because the plant is situated south of Sundsvall and NW is the most predominant wind direction in this area, the pollutants from Gränges Aluminium will be transported away from the city most of the time.

It should, however, also be pointed out that the high concentrations often have been connected with a special kind of problem at the plant which can occur during the so-called stud pulling. Fluid anode paste runs down into the hot melt resulting in high concentrations of PAH. This special problem will never occur when the anodes have been changed to low pitch anodes.

Different techniques have been tried in order to estimate the contribution of PAH to the air from the aluminium production. When this estimate is based on the ratio of BaP and fluoride emissions, the results obtained seemed to be somewhat too high. Cluster analyses were performed and gave lower estimated results. The results indicate that this statistical method could be a very useful tool for estimating the contribution of air pollutants from different sources. Further testing of the method is, however, necessary.

The estimated contribution shows that Gränges Aluminium is responsible for more than 50% of the total PAH measured in this area.

A record of the production rate at Gränges Aluminium has been compared with the results, but the variation in production level did not seem to have influence on the concentrations. The reason could be that, at any particular station the effect of the meteorological conditions are far more important for the concentration levels than variations in production.

Improvements of the production, filters and cleaning equipments have been made during this measuring period, and the results indicate decreasing concentrations of PAH from the time the monitoring started and until it stopped in 1981. Further improvements have been planned by Gränges Aluminium.

ACKNOWLEDGEMENT

The author acknowledges the able assistance of Mr. A. Mikalsen (NILU) who has carried out the PAH analyses, and the cooperation of personel of Gränges Aluminium who collected all the samples and measured the fluoride concentrations. The "Fuzzy-Logic" program turned out to be very useful in the data analysis. Permission to employ the program was granted by Dr. R.W. Gunderson (Utah State University) and Dr. T. Jacobsen (Brewing Industry Research Laboratory) and their support is highly appreciated. The author is also deeply grateful to Mr. J. Gether (Applied Technology A.S.) and Mrs. A. Osvik (Central Institute for Industrial Research) for their valuable, enthusiastic support and encouragement during the computer data analysis.

9 REFERENCES

Alfheim, I.
Møller, M.
Larssen, S.
Mikalsen, A.
Undersøkelse av PAH og mutagene stoffer i Oslo-luft. Relasjon til trafikk. Oslo. Sentralinstitutt for industriell forskning (1979).

Alfheim, I.
Evaluation of the air quality in the city of Sundsvall, Sweden, with respect to mutagenicity and polycyclic aromatic hydrocarbons. Contribution from an aluminium smelter and from other sources. Oslo. Sentralinstitutt for industriell forskning (1982).

Berggren, S.
Private communication (1982).

Bezdek, J.C.

Pattern recognition with fuzzy objective function method. New York, Plenum (1981).

Bjørseth, A.
Wikström, L.

Kartläggning av PAH-utsläpp från Gränges Aluminium i Sundsvall. Sundsvall (1979).

Colucci, J.M.
Begeman, C.R.

Polynuclear aromatic hydrocarbons and other pollutants in Los Angeles air. In: *Proceedings of the International Clean Air Congress*, 2, New York, Academic Press. 28-35 (1971).

Fox, M.A.
Staley, S.W.

Determination of polycyclic aromatic hydrocarbons in atmospheric particulate matter by high pressure liquid chromatography coupled with fluorescence techniques.
Anal. Chem. 48, 992-998 (1976).

Funcke, W.
König, J.
Balfan, E.
Romanowski, T.
Grossmann, I.

Analyse von polycyclischen aromatischen Kohlenwasserstoffen auf Immissionsstäuben as dem Ruhrgebiet und einer ländlichen Kleinstadt.
Staub-Reinhalt. Luft 42, 192-197 (1982).

Geokonsult

Analys av ett antal vädersituasjoner under juni-august 1980 samt vindrosor och en kommentar till karakteristiska meteorologiska förhållanden i Sundsvall. Sundsvall (1980).

Gether, J.
Seip, H.M.

Analysis of air pollution data by the combined use of interactive graphic presentation and a clustering technique.
Atmos. Environ. 13, 87-96 (1979).

Gordon, R.J.

Distribution of airborne polycyclic aromatic hydrocarbons throughout Los Angeles.
Environ. Sci. Technol. 10, 370-373 (1976).

Gordon, R.J.
Bryan, R.J.

Patterns in airborne polynuclear hydrocarbon concentrations at four Los Angeles sites.
Environ. Sci. Technol. 7, 1050-1053 (1973).

Gunderson, R.W.
Jacobsen, T.

Cluster analysis of beer flavor components. Part 1. Some methods in cluster analysis. Presented at the 48th Meeting of ASBC, Kansas City 1982 and submitted for publication to Journal of American Society of Brewing Chemists.

Gunderson, R.W.
Jacobsen, T.

Application of the FCV clustering algorithms to trace element distribution in brewery yeast and work samples.
Presented at NAFIP, Logan 1982 and submitted to Journal of Man-Machine Studies.

Henry, R.

Principal component analyses of PAH data from Sundsvall.
Lillestrøm. (NILU Oppdrags-rapport OR 32/82.)(1982).

Hoffman, D.
Wynder, E.L.

Organic particulate pollutants - chemical analysis and bioassays for carcinogenicity.
In: *Air Pollution*, vol. II, 3d ed. A.C.Stern, ed., N.Y., Academic Press, 361-455 (1977).

Jacobsen, T.
Gunderson, R.W.

Cluster analysis of beer flavor components. II A case study: Yeast strain and brewery dependency.
Presented at the 48th meeting of ASBC, Kansas City, 1982 and submitted for publication to the Journal of American Society of Brewing Chemists.

Kertész-Sáringer, M.
Morlin, Z.

On the occurrence of polycyclic aromatic hydrocarbons in the urban area of Budapest.
Atmos. Environ. 9, 831-834 (1975).

Krztulovic, A.M.
Rosie, D.M.
Brown, P.R.

Distribution of some atmospheric polynuclear aromatic hydrocarbons.
Internat. Lab. (July 1977), 11-18 (1977).

Larssen, S.

Private communication (1982).

Larsson, B.
Sahlberg, G.

Polycyclic aromatic hydrocarbons in lettuce. Influence of a highway and an aluminium smelter. Presented at the Sixth International Symposium on Polynuclear Aromatic Hydrocarbons, Battelle, Columbus Laboratories (1981).

Leahey, D.M.

Changing pattern in concentrations of polycyclic aromatic hydrocarbons in the air of central London. *Atmos. Environ.* 10, 561-562 (1976).

Liberti, A.
Morozzi, G.
Zoccolillo, L.

Comparative determination of polynuclear hydrocarbons in atmospheric dust by gas liquid chromatography and spectrophotometry. *Annali di Chimica* 65, 573-580 (1975).

National Academy of of Sciences

Particulate polycyclic organic matter. Washington D.C. (1972).

Pierce, R.C.
Katz, M.

Dependency of polynuclear aromatic hydrocarbon content on size distribution of atmospheric aerosols. *Environ. Sci. Technol.* 9,347-353 (1975).

Pott, F.
Dolgner, R.

Polycyclische aromatische Kohlenwasserstoffe (PAH). Zur Problematik einer Grenzwertfindung für PAH. *Staub-Reinhalt. Luft* 39, 443-452 (1979).

Sivertsen, B.
Arnesen, K.

Meteorologiske data fra Gränges, Sundsvall. Lillestrøm. (NILU Oppdragsrapport OR 10/81.) (1981).

Sivertsen, B.
Arnesen, K.

Meteorologiske data fra Gränges Sundsvall. Sommeren 1981. Lillestrøm. (NILU Oppdragsrapport OR 19/82.) (1982).

Sivertsen, B.
Arnesen, K.

Meteorologske data fra Gränges, Sundsvall. Høsten 1981. Lillestrøm. (NILU Oppdragsrapport OR 30/82.) (1982).

Sivertsen, B.
Vitols, V.

A tracer study of dispersion patterns from Gränges Aluminium smelter in Sundsvall.
Lillestrøm. (NILU Oppdragsrapport OR 36/80.) (1980).

Statens forurensnings-tilsyn

Luftforurensning. Virkninger på helse og miljø. Oslo. (SFT-rapport nr. 38) (1982).

Suess, M.J.

The environmental load and cycle of polycyclic aromatic hydrocarbons.
Sci. Total Environ. 6, 239-250 (1976).

Sundsvalls Miljövårds-planering

Inventering av miljöförhållanden 1975.
Rapport 1. Sundsvall (1975).

Thrane, K.E.

Målinger av polysykliske aromatiske hydrokarboner (PAH) i luften i Sundsvall sommeren 1980.
Lillestrøm. (NILU Oppdragsrapport OR 43/80.) (1980).

Thrane, K.E.
Mikalsen, A.

High-volume sampling of airborne polycyclic aromatic hydrocarbons using glass fibre filters and polyurethane foam.
Atmos. Environ. 15, 909-918 (1981).

Thrane, K.E.
Mikalsen, A.
Stray, H.

Utvikling av målemetoder for utvalgte organiske luftforurensninger.
Lillestrøm. (NILU Oppdragsrapport OR 28/82.) (1982).

Umweltbundesamt

Luftqualitätskriterien für ausgewählte polyzyklische aromatische Kohlenwasserstoffe.
Berichte 1/79.
Berlin, Erich Schmidt Verlag, (1979).

Waller, R.E.
Commins, B.T.

Studies of the smoke and polycyclic aromatic hydrocarbon content of the air in large urban areas.
Environ. Res. 1, 295-306 (1967).

Table 1: The consumption of oil, bark and lignine for energy production in the Sundsvall/Timrå area.

Consumer	Oil (m^3/y)	Bark and wood-waste	Lignine
in Sundsvall:			
Ortviken	46000	942000 m^3/y (565000 ton of density = 0.6 kg/l)	
Johannedal	≈ 10000		
Kema Nord	9000		
Gränges	4000		
Other industry	16000		
Korsta central heat.	53000		
Enhörningen "	60000		
Domestic heating	43000		
Office buildings etc.	15000		
Miscellaneous	18000		
in Timrå:			
Vivsta Ostrand	60000	25000 ton/y(dry)	200000 ton/y
Vivsta varv	3000		150000 ton/y
Domestic heating etc.	19000		

Table 2: List of PAH compounds measured in the monitoring program. The compounds in parentheses have not been determined in all samples. The + indicates the compounds recommended by EPA to be included in a PAH survey.

Naphtalene	
(2-methylnaphtalene)	+
(1-methylnaphtalene)	
Biphenyl	
Acenapthene	
Fluorene	
Dibenzothiphene	
Phenanthrene	+
Anthracene	+
(Carbazole)	
(2-methyl anthracene)	
1-methylphenanthrene	
Fluoranthene	+
Pyrene	
Benzo(a)fluorene	
Benzo(b)fluorene	
Benzo(a)anthracene	+
Chrysene/ Triphenylene	+
Benzo(b/j/k)fluoranthenes	+
(Benzo (g h i)fluoranthene	
Benzo(e)pyrene	
Benzo(a)pyrene	+
Perylene	
Inden-(1,2,3-c d)pyrene	
Dibenzo(ac/ah)anthracenes	+
Benzo(g h i)perylene	+
(Anthanthrene)	
Coronene	

Table 3: Average concentrations of fluoride ($\mu g/m^3$) and the PAH compounds (ng/m^3) in ambient air at four monitoring stations in Sundsvall. About fifty 12-hour samples and twenty 24-hour samples had been collected at each station.

Station	KU	HAGA	KGT	SID
Fluoride	0.32	0.20	0.105	0.069
Naphthalene	54.3	59.0	181.4	35.9
2-methylnaphthalene	(31.4)	(33.2)	(112.7)	(18.1)
1-methylnaphthalene	(17.4)	(18.4)	(59.8)	(10.1)
Biphenyl	9.3	8.0	20.8	5.2
Acenaphthene	46.6	25.4	29.5	14.1
Fluorene	61.1	34.5	58.6	18.2
Dibenzothiophene	23.4	12.0	16.6	5.7
Phenanthrene	231.8	117.4	143.6	57.2
Anthracene	22.6	9.3	12.5	2.8
2-methylanthracene	(1.7)		(0.89)	
1-methylphenanthrene	5.6	5.1	9.9	1.6
Fluoranthene	101.9	61.6	63.8	27.6
Pyrene	62.6	38.2	43.0	16.3
Benzo(a)fluorene	13.7	6.8	6.2	2.2
Benzo(b)fluorene	8.1	4.2	4.2	1.5
Benzo(a)anthracene	10.8	7.2	5.0	2.5
Chrysene/ Triphenylene	26.3	20.2	12.4	9.3
Benzo(b/j/k)fluoranthenes	20.1	21.4	11.5	7.2
Benzo(g h i)fluoranthene	(0.09)	(0.11)	(0.77)	(0.06)
Benzo(e)pyrene	10.3	9.6	6.2	3.5
Benzo(a)pyrene	5.2	4.05	3.5	1.6
Perylene	0.96	0.36	0.6	0.33
Inden-(1,2,3-c d)pyrene	4.7	4.5	3.5	1.7
Dibenzo(ac/ah)anthracenes	1.8	1.1	0.77	0.68
Benzo(g h i)perylene	5.4	5.5	6.7	1.9
Anthanthrene	(0.12)	(0.05)	(0.3)	(0.04)
Coronene	1.6	1.6	4.4	0.58
Total PAH	688	457	645	218

Remarks: Results in parentheses are based on an incomplete set of data and have not been included in the total.

Table 4: Concentration levels in ng/m^3 of PAH compounds measured in cities and residential areas. The literature references are included.

Compound	Concentrations	Location	Reference
Naphthalene	0.052-0.350	Providence area	Krstulovic et al (1977)
Phenanthrene	2.9-25	Rome	Liberti et al (1975)
	1.0	Budapest	Kertész-Saringer and Morlin (1975)
	0.011-0.340	Providence area	Krstulovic et al (1977)
Anthracene	6.15	Budapest	Kertész-Saringer and Morlin (1975)
Fluoranthene	3.1-11.0	Rome	Liberti et al (1975)
	1.04	Budapest	Kertész-Saringer and Morlin (1975)
	4.1	College Park,Md	Fox and Staley (1976)
	93	Baltimore Harbor Tunnel	" " " "
	0.31	Los Angeles	Gordon (1976)
	0.16-1.5	Providence area	Krstulovic et al (1977)
	40.3	Duisburg	Umweltbundesamt (1979)
Pyrene	2.2-6.8	Rome	Liberti et al (1975)
	2.06	Budapest	Kertész-Saringer and Morlin (1975)
	5.2	College Park,Md	Fox and Staley (1976)
	120	Baltimore Harbor Tunnel	" " " "
	0.45	Los Angeles	Gordon (1976)
	28.2	Duisburg	Umweltbundesamt (1979)
Benzo(a)fluorene	3.6	Duisburg	" "
Benzo(b)fluorene	1.1	Rome	Liberti et al (1975)
	6.2	Duisburg	Umweltbundesamt (1976)
Benzo(a)anthracene	0.5-2.8	Los Angeles	Colucci and Begeman (1971)
	0.1-13.1	Rome	Hoffman and Wynder (1977)
	1.2-8.0	Rome	Liberti et al (1975)
	8.2	Budapest	Kertész-Sarginger and Morlin (1975)
	4.6	College Park,Md	Fox and Staley (1976)

Table 4 cont.

Compound	Concentration	Location	Reference
Benzo(a)anthracene	102	Baltimore Harbor Tunnel	Fox and Staley(1976)
	0.18	Los Angeles	Gordon (1976)
Chrysene	0.4-39.0	Rome	Hoffman and Wynder (1977)
	3.4-15.0	Rome	Liberti et al (1975)
	7.15	Budapest	Kertész-Saringer and Morlin (1975)
	4.8	College Park,Md	Fox and Staley(1976)
	106	Baltimore Harbor Tunnel	" " " "
	0.6	Los Angeles	Gordon (1976)
	27.5	Duisburg	Umweltbundesamt (1979)
Benzofluoranthene	34.4	Duisburg	Umweltbundesamt (1979)
Benzo(b)fluoranthene	0.1-1.6	Los Angeles	Gordon and Bryan(1973)
	0.54	Los Angeles	Gordon (1976)
Benzo(j)fluoranthene	0.01-0.8	Los Angeles	Gordon and Bryan(1973)
	0.17	Los Angeles	Gordon (1976)
Benzo(k)fluoranthene	0.03-1.3	Los Angeles	Gordon and Bryan(1973)
	0.12-0.96	Toronto	Pierce and Katz(1975)
	0.2	Los Angeles	Gordon (1976)
Benzo(ghi)fluoranthene	0.9-9.1	Rome	Liberti et al (1975)
Benzo(e)pyrene	8	Copenhagen	Hoffman and Wynder (1977)
	2.6-15.0	Rome	Liberti et al (1975)
	1.52	Budapest	Kertész-Saringer and Morlin (1975)
	0.52-1.2	London	Leahey (1976)
	0.90	Los Angeles	Gordon (1976)
	12.6	Duisburg	Umweltbundesamt (1979)
Benzo(a)pyrene	20-39	London	Hoffman and Wynder (1977)
	2-37	4 cities in Europe	Waller and Commins (1967)
	0.31-2.1	Los Angeles	Colucci and Begeman (1971)
	1.0-11.0	Rome	Liberti et al (1975)

Table 4 cont.

Compound	Concentration	Location	References
Benzo(a)pyrene	2.68	Budapest	Kertész-Saringer and Morlin (1975)
	0.11-0.85	Toronto	Pierce and Katz(1975)
	3.2	College Park,Md	Fox and Staley (1976)
	66	Baltimore Harbor Tunnel	" " " "
	0.5-1.0	London	Leahey (1976)
	0.46	Los Angeles	Gordon (1976)
	4.7	Duisburg	Umweltbundesamt (1979)
	0.52-3.52	Bochum	Funcke et al (1982)
	0.40-14.83	Essen	" " " "
	0.30-4.04	Dortmund	" " " "
	0.14-2.84	Borken	" " " "
Perylene	0.01-1.2	Los Angeles	Gordon and Bryan(1973)
	0.2-1.9	Rome	Liberti et al (1975)
	1.1	Budapest	Kertész-Saringer and Morlin (1975)
	0.034-0.306	Toronto	Pierce and Katz(1975)
	0.10	Los Angeles	Gordon (1976)
	5.1	Duisburg	Umweltbundesamt (1979)
Indeno(1,2,3-cd)pyrene	0.03-1.2	Los Angeles	Gordon and Bryan (1973)
	3.8-12.8	Rome	Liberti et al (1975)
	1.34	Los Angeles	Gordon (1976)
	7.3	Duisburg	Umweltbundesamt 1979)
Dibenzo(ac)anthracene	0.029-4.5	Providence area	Krstulovic et al (1977)
Dibenzo(ah)anthracene	2.3	Duisburg	Umweltbundesamt (1979)
Benzo(ghi)perylene	0.2-9.2	Los Angeles	Gordon and Bryan (1973)
	3.5-21.1	Rome	Liberti et al (1975)
	0.86	Budapest	Kertész-Saringer and Morlin (1975)
	85	Baltimore Harbor Tunnel	Fox and Staley (1976)
	0.7-3.2	London	Leahey (1976)

Table 4 cont.

Compound	Concentration	Location	Reference
Benzo(ghi)perylene	3.27	Los Angeles	Gordon (1976)
	8.3	Duisburg	Umweltbundesamt (1979)
Anthanthrene	0.1-1.3	Rome	Liberti et al (1975)
	0.23	Los Angeles	Gordon (1976)
Coronene	0.2-6.4	Los Angeles	Gordon and Bryan (1973)
	4.4-18.3	Rome	Liberti et al (1975)
	1.05	Budapest	Kertész-Saringer and Morlin (1975)
	0.3-1.9	London	Leahey (1976)
	2.13	Los Angeles	Gordon (1976)
	1.9	Duisburg	Umweltbundesamt (1979)

Table 5: Seasonal average concentrations of PAH compounds measured at four stations in Sundsvall.

KUBIKENBORG

SA;KET KU;C1000-1;MEAN-VALUE-KU- Summer 1980

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.792	;FLUORIDE;NYG M-3
2	1010	13.225	;NAPHTALENE,PAH;NG M-3
3	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	5.090	;BIPHENYL,PAH;NG M-3
6	1050	21.605	;ACENAPHTENE,PAH;NG M-3
7	1060	83.565	;FLUORENE,PAH;NG M-3
8	1070	33.630	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	388.775	;PHENANTHRENE,PAH;NG M-3
10	1090	37.185	;ANTHRACENE,PAH;NG M-3
11	1100	4.505	;CARBAZOLE,PAH;NG M-3
12	1110	6.560	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	5.555	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	184.035	;FLUORANTHENE,PAH;NG M-3
15	1140	116.695	;PYRENE,PAH;NG M-3
16	1150	21.505	;BENZO A FLUORENE,PAH;NG M-3
17	1160	13.510	;BENZO B FLUORENE,PAH;NG M-3
18	1170	22.060	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	62.325	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	42.120	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	25.690	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	14.120	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	2.415	;PERYLENE,PAH;NG M-3
25	1240	9.765	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	4.720	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	11.680	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
29	1280	2.810	;CORONENE,PAH;NG M-3
30	2000	1133.143	;TOTAL PAH;NG M-3

SA;KET KU;C1010-1;MEAN-VALUE-KU- Winter 1980/81

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.051	;FLUORIDE;NYG M-3
2	1010	192.847	;NAPHTALENE,PAH;NG M-3
3	1020	91.520	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	49.887	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	21.467	;BIPHENYL,PAH;NG M-3
6	1050	67.647	;ACENAPHTENE,PAH;NG M-3
7	1060	38.527	;FLUORENE,PAH;NG M-3
8	1070	10.827	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	87.927	;PHENANTHRENE,PAH;NG M-3
10	1090	8.420	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.247	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	2.780	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	37.400	;FLUORANTHENE,PAH;NG M-3
15	1140	26.153	;PYRENE,PAH;NG M-3
16	1150	1.933	;BENZO A FLUORENE,PAH;NG M-3
17	1160	2.300	;BENZO B FLUORENE,PAH;NG M-3
18	1170	3.433	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	6.613	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	6.613	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.340	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	2.807	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.467	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.407	;PERYLENE,PAH;NG M-3
25	1240	1.253	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.227	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	2.193	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.053	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.080	;CORONENE,PAH;NG M-3
30	2000	666.485	;TOTAL PAH;NG M-3

SA;KET KU;C1020-1;MEAN-VALUE-KU- Spring 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.185	;FLUORIDE;NYG M-3
2	1010	39.764	;NAPHTALENE,PAH;NG M-3
3	1020	49.843	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	28.082	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	10.165	;BIPHENYL,PAH;NG M-3
6	1050	56.857	;ACENAPHTENE,PAH;NG M-3
7	1060	58.568	;FLUORENE,PAH;NG M-3
8	1070	20.968	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	200.871	;PHENANTHRENE,PAH;NG M-3
10	1090	17.814	;ANTHRACENE,PAH;NG M-3
11	1100	0.929	;CARBAZOLE,PAH;NG M-3
12	1110	0.200	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	4.950	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	83.114	;FLUORANTHENE,PAH;NG M-3
15	1140	49.029	;PYRENE,PAH;NG M-3
16	1150	9.829	;BENZO A FLUORENE,PAH;NG M-3
17	1160	6.929	;BENZO B FLUORENE,PAH;NG M-3
18	1170	7.707	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	20.686	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	11.764	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.143	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	7.486	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	3.336	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.486	;PERYLENE,PAH;NG M-3
25	1240	3.629	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.043	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	4.343	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.500	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.896	;CORONENE,PAH;NG M-3
30	2000	699.928	;TOTAL PAH;NG M-3

SA;KET KU;C1030-1;MEAN-VALUE-KU- Summer 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.287	;FLUORIDE;NYG M-3
2	1010	20.008	;NAPHTALENE,PAH;NG M-3
3	1020	19.173	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	10.873	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	6.554	;BIPHENYL,PAH;NG M-3
6	1050	60.411	;ACENAPHTENE,PAH;NG M-3
7	1060	71.004	;FLUORENE,PAH;NG M-3
8	1070	29.125	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	262.157	;PHENANTHRENE,PAH;NG M-3
10	1090	27.338	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.002	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	8.242	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	108.900	;FLUORANTHENE,PAH;NG M-3
15	1140	62.315	;PYRENE,PAH;NG M-3
16	1150	20.013	;BENZO A FLUORENE,PAH;NG M-3
17	1160	9.637	;BENZO B FLUORENE,PAH;NG M-3
18	1170	9.598	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	19.163	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	19.087	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.006	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	6.504	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	3.088	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.619	;PERYLENE,PAH;NG M-3
25	1240	4.358	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.312	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	3.769	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.060	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.281	;CORONENE,PAH;NG M-3
30	2000	784.596	;TOTAL PAH;NG M-3

SA;KET KU;C1040-1;MEAN-VALUE-KU- Oktober 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.060	;FLUORIDE;NYG M-3
2	1010	21.400	;NAPHTALENE,PAH;NG M-3
3	1020	12.940	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	7.760	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	3.520	;BIPHENYL,PAH;NG M-3
6	1050	17.100	;ACENAPHTENE,PAH;NG M-3
7	1060	39.820	;FLUORENE,PAH;NG M-3
8	1070	14.910	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	137.280	;PHENANTHRENE,PAH;NG M-3
10	1090	13.710	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	7.190	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	56.160	;FLUORANTHENE,PAH;NG M-3
15	1140	36.680	;PYRENE,PAH;NG M-3
16	1150	7.290	;BENZO A FLUORENE,PAH;NG M-3
17	1160	5.670	;BENZO B FLUORENE,PAH;NG M-3
18	1170	10.050	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	14.140	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	14.440	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	5.510	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.050	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.520	;PERYLENE,PAH;NG M-3
25	1240	3.310	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.940	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	4.120	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.180	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.830	;CORONENE,PAH;NG M-3
30	2000	437.519	;TOTAL PAH;NG M-3

Table 5 cont.

HAGA

SA;KET HAGA;C10000;MEAN-VALUE-HAGA- Summer 1980

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
5	1000	0.384	;FLUORIDE;NYG M-3
6	1010	9.025	;NAPHTALENE,PAH;NG M-3
7	1020	0.003	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.008	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.675	;BIPHENYL,PAH;NG M-3
10	1050	40.592	;ACENAPHTENE,PAH;NG M-3
11	1060	62.958	;FLUORENE,PAH;NG M-3
12	1070	26.542	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	307.817	;PHENANTHRENE,PAH;NG M-3
14	1090	24.975	;ANTHRACENE,PAH;NG M-3
15	1100	0.008	;CARBAZOLE,PAH;NG M-3
16	1110	14.767	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.017	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	155.917	;FLUORANTHENE,PAH;NG M-3
19	1140	95.283	;PYRENE,PAH;NG M-3
20	1150	10.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	10.975	;BENZO B FLUORENE,PAH;NG M-3
22	1170	18.842	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	65.725	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	73.117	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.008	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	33.104	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	13.050	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.075	;PERYLENE,PAH;NG M-3
29	1240	14.708	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.612	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	18.033	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.008	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.442	;CORONENE,PAH;NG M-3
34	2000	1014.790	;TOTAL PAH;NG M-3

SA;KET HAGA;C11000;MEAN-VALUE-HAGA- Winter 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.036	;FLUORIDE;NYG M-3
2	1010	177.100	;NAPHTALENE,PAH;NG M-3
3	1020	95.829	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	52.443	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	19.414	;BIPHENYL,PAH;NG M-3
6	1050	30.843	;ACENAPHTENE,PAH;NG M-3
7	1060	27.343	;FLUORENE,PAH;NG M-3
8	1070	5.350	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	54.271	;PHENANTHRENE,PAH;NG M-3
10	1090	4.471	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.521	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	2.536	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	19.621	;FLUORANTHENE,PAH;NG M-3
15	1140	16.493	;PYRENE,PAH;NG M-3
16	1150	1.050	;BENZO A FLUORENE,PAH;NG M-3
17	1160	0.729	;BENZO B FLUORENE,PAH;NG M-3
18	1170	2.043	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	4.457	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	6.221	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.464	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	2.529	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.543	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.279	;PERYLENE,PAH;NG M-3
25	1240	1.343	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.114	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.021	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.986	;CORONENE,PAH;NG M-3
30	2000	531.413	;TOTAL PAH;NG M-3

SA;KET HAGA;C12000;MEAN-VALUE-HAGA- Spring 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.224	;FLUORIDE;NYG M-3
2	1010	44.338	;NAPHTALENE,PAH;NG M-3
3	1020	62.585	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	33.965	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	9.404	;BIPHENYL,PAH;NG M-3
6	1050	31.438	;ACENAPHTENE,PAH;NG M-3
7	1060	47.596	;FLUORENE,PAH;NG M-3
8	1070	18.100	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	178.892	;PHENANTHRENE,PAH;NG M-3
10	1090	11.500	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.038	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	5.219	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	87.831	;FLUORANTHENE,PAH;NG M-3
15	1140	52.508	;PYRENE,PAH;NG M-3
16	1150	7.246	;BENZO A FLUORENE,PAH;NG M-3
17	1160	5.185	;BENZO B FLUORENE,PAH;NG M-3
18	1170	4.596	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	15.823	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	13.269	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.131	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	5.723	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	2.162	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.262	;PERYLENE,PAH;NG M-3
25	1240	2.200	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.477	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	2.846	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.027	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.558	;CORONENE,PAH;NG M-3
30	2000	4490.070	;TOTAL PAH;NG M-3

SA;KET HAGA;C13000;MEAN-VALUE-HAGA- Summer 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.268	;FLUORIDE;NYG M-3
2	1010	15.696	;NAPHTALENE,PAH;NG M-3
3	1020	15.900	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	9.165	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	4.792	;BIPHENYL,PAH;NG M-3
6	1050	29.565	;ACENAPHTENE,PAH;NG M-3
7	1060	39.323	;FLUORENE,PAH;NG M-3
8	1070	15.083	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	147.406	;PHENANTHRENE,PAH;NG M-3
10	1090	10.327	;ANTHRACENE,PAH;NG M-3
11	1100	0.004	;CARBAZOLE,PAH;NG M-3
12	1110	0.004	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	5.887	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	70.346	;FLUORANTHENE,PAH;NG M-3
15	1140	40.636	;PYRENE,PAH;NG M-3
16	1150	11.217	;BENZO A FLUORENE,PAH;NG M-3
17	1160	4.548	;BENZO B FLUORENE,PAH;NG M-3
18	1170	7.587	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	18.392	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	17.090	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.004	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	6.867	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	2.978	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.504	;PERYLENE,PAH;NG M-3
25	1240	3.487	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.267	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	3.806	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.035	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.217	;CORONENE,PAH;NG M-3
30	2000	483.133	;TOTAL PAH;NG M-3

SA;KET HAGA;C14000;MEAN-VALUE-HAGA- October 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.102	;FLUORIDE;NYG M-3
2	1010	21.160	;NAPHTALENE,PAH;NG M-3
3	1020	14.100	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	8.360	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	5.100	;BIPHENYL,PAH;NG M-3
6	1050	9.760	;ACENAPHTENE,PAH;NG M-3
7	1060	30.440	;FLUORENE,PAH;NG M-3
8	1070	9.810	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	79.520	;PHENANTHRENE,PAH;NG M-3
10	1090	7.000	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.010	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	9.620	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	43.840	;FLUORANTHENE,PAH;NG M-3
15	1140	24.840	;PYRENE,PAH;NG M-3
16	1150	5.280	;BENZO A FLUORENE,PAH;NG M-3
17	1160	4.130	;BENZO B FLUORENE,PAH;NG M-3
18	1170	7.260	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	12.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	16.540	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	6.480	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	3.200	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.650	;PERYLENE,PAH;NG M-3
25	1240	3.460	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.120	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	4.560	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.140	;ANTHANTHRENE,PAH;NG M-3
29	1280	3.020	;CORONENE,PAH;NG M-3
30	2000	331.679	;TOTAL PAH;NG M-3

Table 5 cont.

KØPMANSGATAN

SA;KET KGT Mean Winter 1980/81

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.033	;FLUORIDE;HYG M-3
2	1010	400.600	;NAPHTALENE,PAH;NG M-3
3	1020	235.232	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	119.389	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	38.263	;BIPHENYL,PAH;NG M-3
6	1050	34.847	;ACENAPHTENE,PAH;NG M-3
7	1060	51.889	;FLUORENE,PAH;NG M-3
8	1070	9.695	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	71.474	;PHENANTHRENE,PAH;NG M-3
10	1090	8.989	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	1.574	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	6.663	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	25.158	;FLUORANTHENE,PAH;NG M-3
15	1140	29.637	;PYRENE,PAH;NG M-3
16	1150	2.916	;BENZO A FLUORENE,PAH;NG M-3
17	1160	1.795	;BENZO B FLUORENE,PAH;NG M-3
18	1170	4.979	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	6.953	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	8.795	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	2.695	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	6.184	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	5.279	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.863	;PERYLENE,PAH;NG M-3
25	1240	3.711	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.347	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	10.721	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.474	;ANTHANTHRENE,PAH;NG M-3
29	1280	8.026	;CORONENE,PAH;NG M-3
30	2000	1097.144	;TOTAL PAH;NG M-3

SA;KET KGT Mean Spring 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.211	;FLUORIDE;HYG M-3
2	1010	81.600	;NAPHTALENE,PAH;NG M-3
3	1020	124.275	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	67.883	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	19.725	;BIPHENYL,PAH;NG M-3
6	1050	36.350	;ACENAPHTENE,PAH;NG M-3
7	1060	75.503	;FLUORENE,PAH;NG M-3
8	1070	24.008	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	199.325	;PHENANTHRENE,PAH;NG M-3
10	1090	16.093	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.592	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	10.142	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	92.392	;FLUORANTHENE,PAH;NG M-3
15	1140	61.933	;PYRENE,PAH;NG M-3
16	1150	11.508	;BENZO A FLUORENE,PAH;NG M-3
17	1160	7.058	;BENZO B FLUORENE,PAH;NG M-3
18	1170	6.758	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	23.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	16.142	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.117	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	9.442	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	4.892	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.592	;PERYLENE,PAH;NG M-3
25	1240	4.075	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.192	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	7.525	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.242	;ANTHANTHRENE,PAH;NG M-3
29	1280	2.925	;CORONENE,PAH;NG M-3
30	2000	906.191	;TOTAL PAH;NG M-3

SA;KET KGT Mean Summer 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.124	;FLUORIDE;HYG M-3
2	1010	43.333	;NAPHTALENE,PAH;NG M-3
3	1020	55.039	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	32.226	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	10.798	;BIPHENYL,PAH;NG M-3
6	1050	27.459	;ACENAPHTENE,PAH;NG M-3
7	1060	59.737	;FLUORENE,PAH;NG M-3
8	1070	20.385	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	186.252	;PHENANTHRENE,PAH;NG M-3
10	1090	13.739	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	11.439	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	87.160	;FLUORANTHENE,PAH;NG M-3
15	1140	47.970	;PYRENE,PAH;NG M-3
16	1150	6.420	;BENZO A FLUORENE,PAH;NG M-3
17	1160	4.417	;BENZO B FLUORENE,PAH;NG M-3
18	1170	3.996	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	12.096	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	10.404	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	4.533	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.567	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.339	;PERYLENE,PAH;NG M-3
25	1240	2.556	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.811	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	3.178	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.015	;ANTHANTHRENE,PAH;NG M-3
29	1280	1.989	;CORONENE,PAH;NG M-3
30	2000	648.599	;TOTAL PAH;NG M-3

SA;KET KGT Mean October 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.155	;FLUORIDE;HYG M-3
2	1010	61.040	;NAPHTALENE,PAH;NG M-3
3	1020	36.760	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	22.540	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	10.420	;BIPHENYL,PAH;NG M-3
6	1050	10.740	;ACENAPHTENE,PAH;NG M-3
7	1060	56.140	;FLUORENE,PAH;NG M-3
8	1070	14.570	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	112.930	;PHENANTHRENE,PAH;NG M-3
10	1090	13.200	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.600	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	16.790	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	51.260	;FLUORANTHENE,PAH;NG M-3
15	1140	37.430	;PYRENE,PAH;NG M-3
16	1150	8.460	;BENZO A FLUORENE,PAH;NG M-3
17	1160	6.809	;BENZO B FLUORENE,PAH;NG M-3
18	1170	8.070	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	13.230	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	17.230	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	7.189	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	4.329	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	1.050	;PERYLENE,PAH;NG M-3
25	1240	4.990	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.410	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	7.920	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	1.049	;ANTHANTHRENE,PAH;NG M-3
29	1280	7.340	;CORONENE,PAH;NG M-3
30	2000	535.869	;TOTAL PAH;NG M-3

Table 5 cont.

SIDSJÖN

SA;KET SID;MEAN Summer 1980

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.079	;FLUORIDE;NYG M-3
2	1010	2.992	;NAPHTALENE,PAH;NG M-3
3	1020	0.008	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	0.003	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	1.308	;BIPHENYL,PAH;NG M-3
6	1050	10.000	;ACENAPHTENE,PAH;NG M-3
7	1060	14.167	;FLUORENE,PAH;NG M-3
8	1070	6.400	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	69.717	;PHENANTHRENE,PAH;NG M-3
10	1090	3.460	;ANTHRACENE,PAH;NG M-3
11	1100	0.008	;CARBAZOLE,PAH;NG M-3
12	1110	1.950	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	0.808	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	29.850	;FLUORANTHENE,PAH;NG M-3
15	1140	17.267	;PYRENE,PAH;NG M-3
16	1150	2.633	;BENZO A FLUORENE,PAH;NG M-3
17	1160	1.225	;BENZO B FLUORENE,PAH;NG M-3
18	1170	2.517	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	9.333	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	4.950	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.008	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	3.533	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	2.500	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.008	;PERYLENE,PAH;NG M-3
25	1240	1.803	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	1.903	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.008	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.408	;CORONENE,PAH;NG M-3
30	2000	189.069	;TOTAL PAH;NG M-3

SA;KET SID;MEAN Winter 1980/81

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.018	;FLUORIDE;NYG M-3
2	1010	97.747	;NAPHTALENE,PAH;NG M-3
3	1020	46.307	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	26.033	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	11.427	;BIPHENYL,PAH;NG M-3
6	1050	17.330	;ACENAPHTENE,PAH;NG M-3
7	1060	13.587	;FLUORENE,PAH;NG M-3
8	1070	2.400	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	25.573	;PHENANTHRENE,PAH;NG M-3
10	1090	1.237	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.147	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	0.767	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	10.927	;FLUORANTHENE,PAH;NG M-3
15	1140	8.707	;PYRENE,PAH;NG M-3
16	1150	0.863	;BENZO A FLUORENE,PAH;NG M-3
17	1160	0.503	;BENZO B FLUORENE,PAH;NG M-3
18	1170	1.047	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	6.180	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	3.540	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.193	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	3.400	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.267	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.327	;PERYLENE,PAH;NG M-3
25	1240	1.107	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.213	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	1.720	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.027	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.440	;CORONENE,PAH;NG M-3
30	2000	286.173	;TOTAL PAH;NG M-3

SA;KET SID;MEAN Spring 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.132	;FLUORIDE;NYG M-3
2	1010	33.800	;NAPHTALENE,PAH;NG M-3
3	1020	30.333	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	16.367	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	5.692	;BIPHENYL,PAH;NG M-3
6	1050	22.375	;ACENAPHTENE,PAH;NG M-3
7	1060	31.600	;FLUORENE,PAH;NG M-3
8	1070	10.612	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	96.312	;PHENANTHRENE,PAH;NG M-3
10	1090	3.942	;ANTHRACENE,PAH;NG M-3
11	1100	0.600	;CARBAZOLE,PAH;NG M-3
12	1110	0.168	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	2.275	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	46.775	;FLUORANTHENE,PAH;NG M-3
15	1140	26.075	;PYRENE,PAH;NG M-3
16	1150	3.308	;BENZO A FLUORENE,PAH;NG M-3
17	1160	2.392	;BENZO B FLUORENE,PAH;NG M-3
18	1170	3.167	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	15.517	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	13.767	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.075	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	5.817	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	2.675	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.325	;PERYLENE,PAH;NG M-3
25	1240	3.725	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.092	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	2.950	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.154	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.871	;CORONENE,PAH;NG M-3
30	2000	375.799	;TOTAL PAH;NG M-3

SA;KET SID;MEAN Summer 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.076	;FLUORIDE;NYG M-3
2	1010	0.076	;NAPHTALENE,PAH;NG M-3
3	1020	8.768	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	5.132	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	2.916	;BIPHENYL,PAH;NG M-3
6	1050	13.128	;ACENAPHTENE,PAH;NG M-3
7	1060	18.988	;FLUORENE,PAH;NG M-3
8	1070	5.930	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	62.912	;PHENANTHRENE,PAH;NG M-3
10	1090	3.104	;ANTHRACENE,PAH;NG M-3
11	1100	0.004	;CARBAZOLE,PAH;NG M-3
12	1110	0.004	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	2.293	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	31.820	;FLUORANTHENE,PAH;NG M-3
15	1140	18.564	;PYRENE,PAH;NG M-3
16	1150	2.824	;BENZO A FLUORENE,PAH;NG M-3
17	1160	2.040	;BENZO B FLUORENE,PAH;NG M-3
18	1170	3.004	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	10.550	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	7.504	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.010	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	3.260	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.350	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.440	;PERYLENE,PAH;NG M-3
25	1240	1.956	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.912	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	1.056	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.034	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.572	;CORONENE,PAH;NG M-3
30	2000	217.979	;TOTAL PAH;NG M-3

SA;KET SID;MEAN October 1981

30 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	1000	0.040	;FLUORIDE;NYG M-3
2	1010	16.040	;NAPHTALENE,PAH;NG M-3
3	1020	8.300	;2-METHYL NAPHTALENE,PAH;NG M-3
4	1030	5.120	;1-METHYL NAPHTALENE,PAH;NG M-3
5	1040	4.360	;BIPHENYL,PAH;NG M-3
6	1050	6.340	;ACENAPHTENE,PAH;NG M-3
7	1060	15.060	;FLUORENE,PAH;NG M-3
8	1070	4.010	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	36.550	;PHENANTHRENE,PAH;NG M-3
10	1090	2.960	;ANTHRACENE,PAH;NG M-3
11	1100	0.000	;CARBAZOLE,PAH;NG M-3
12	1110	0.030	;2-METHYL ANTHRACENE,PAH;NG M-3
13	1120	2.780	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	14.130	;FLUORANTHENE,PAH;NG M-3
15	1140	9.600	;PYRENE,PAH;NG M-3
16	1150	1.710	;BENZO A FLUORENE,PAH;NG M-3
17	1160	1.370	;BENZO B FLUORENE,PAH;NG M-3
18	1170	2.200	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	4.260	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	5.060	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
21	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
22	1210	1.760	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.130	;PERYLENE,PAH;NG M-3
25	1240	1.040	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.250	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	1.360	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.550	;CORONENE,PAH;NG M-3
30	2000	145.790	;TOTAL PAH;NG M-3

Table 6: Average concentrations of PAH compounds measured in a background area (Birkenes), a residential area (Lillestrøm) and in a city (Oslo) in Norway. Unit: ng/m^3.

Season	Fall 1977	Fall 1978	Winter 1979		Winter 1979		Winter 1979	
Station:	Birkenes	Lillestrøm	Oslo, park		Oslo, roof		Oslo, street	
Sampling period	24 h	24 h	Day	Night	Day	Night	Day	Night
Naphthalene	3.3	35.8	208	110	333	179	554	423
Biphenyl	1.4	8.5	36.1	13.6	68.6	40.1	113	49.6
Fluorene	3.7	12.2	41.1	11.4	93.6	31.6	217	72.1
Dibenzothiophene	0.7	1.2	19.0	9.0	34.0	27.7	81.2	29.9
Phenanthrene	5.4	26.2	81.4	34.3	142	77.3	288	115
Anthracene	2.0	3.4	15.6	4.5	23.0	20.4	77.7	24.7
2-methylanthracene	-	-	11.5	-	10.4	-	23.0	7.7
1-methylphenanthrene	-	-	7.4	2.0	15.1	4.5	35.6	13.2
Fluoranthene	1.1	5.5	31.0	8.6	44.6	18.7	81.5	28.4
Pyrene	0.6	5.5	17.8	12.6	42.1	22.4	118.5	37.8
Benzo(a)fluorene	0.4	1.4	4.0	3.0	11.9	6.2	23.1	8.1
Benzo(b)fluorene		0.2	~ 3	-	3.5	2.5	6.4	2.2
Benzo(a)anthracene	0.1	0.9	4.4	2.0	17.8	11.2	24.0	7.8
Chrysene/ Triphenylene	0.4	1.1	3.7	2.1	15.6	10.2	14.2	5.7
Benzo(b/j/k)fluoranthenes	-	-	1.9	1.0	9.0	4.3	9.3	4.0
Benzo(e)pyrene	0.12	0.5	5.7	1.7	10.6	5.0	9.3	4.2
Benzo(a)pyrene	0.04	0.3	2.5	1.5	11.5	6.5	11.2	4.6
Perylene	0.07	0.08	1.6	0.5	5.2	2.8	2.2	1.3
Inden-(1,2,3-c d)pyrene	0.03	0.5	1.8	-	9.7	4.6	8.1	4.1
Dibenzo(ac/ah)anthracenes		0.01	-	-	-	-	-	-
Benzo(g h i)perylene	0.03	0.7	4.3	-	15.9	7.9	18.6	8.9
Coronene	-	-	~2.2	-	13.6	5.9	14.9	11.0
Total PAH	19.4	104	504	209	931	489	1731	863

Table 7: Average concentrations of PAH in summer and winter measured at two stations in Oslo during 1980/81. Unit: ng/m³.

Station	St.Olavs street		N. Brun street	
Season	Winter	Summer	Winter	Summer
Naphthalene	62.0	26.1	58.6	15.7
2-methylnaphthalene	99.4	12.7	56.4	8.2
1-methylnaphthalene	54.4	7.2	31.5	5.7
Biphenyl	45.6	3.4	26.5	3.2
Acenaphthene	69.1	2.9	16.2	2.8
Fluorene	104.2	41.7	42.8	15.4
Dibenzothiophene	21.3	16.5	12.4	5.5
Phenanthrene	116.6	90.1	70.4	34.4
Anthracene	34.5	15.7	13.0	4.4
2-methylanthracene	11.4	i	3.0	
1-methylphenanthrene	19.5	23.9	7.9	22.7
Fluoranthene	44.5	35.9	20.7	8.7
Pyrene	52.5	35.8	21.0	6.4
Benzo(a)fluorene	8.0	5.1	2.2	0.6
Benzo(b)fluorene	6.2	5.8	1.9	1.0
Benzo(a)anthracene	8.3	1.6	3.6	0.6
Chrysene/ Triphenylene	10.8	2.2	5.8	1.5
Benzo(b/j/k)fluoranthenes	16.1	5.6	7.4	1.6
Benzo(e)pyrene	7.9	1.9	3.2	0.5
Benzo(a)pyrene	12.3	0.6	4.3	0.2
Perylene	1.8	0.3	0.5	0.1
Inden-(1,2,3-c d)pyrene	10.2	2.1	3.2	0.6
Dibenzo(ac/ah)anthracenes	0.9	0.5	0.5	0.2
Benzo(g h i)perylene	25.1	4.4	7.3	0.7
Anthanthrene	5.6	0.3	1.0	
Coronene	22.6	4.5	3.6	0.5
Total PAH	876	346	427	142

Table 8: Fluoride concentrations in air near three aluminium factories in Norway. Unit: µg/m³.

Station	Location	Year	74	75	76	77	78	79	80	Mean
Tyssedal	0.3-0.4 km-NE	Summer	6.7	7.8	8.4	10.1	8.3	6.5	11.0	8.4
		Winter	7.5	6.6	6.8	7.2	6.4	6.9	6.6	6.4
Lindenes	2 km-S	Summer	1.8	2.0	3.9	4.0	2.2	2.9	3.3	2.7
		Winter	2.7	2.5	3.9	3.1	2.4	2.8	1.9	2.8
Odda	6 km-S	Summer	1.4	1.6	2.8	2.6	1.3	1.1	2.4	1.9
		Winter	2.2	2.1	2.3	1.9	1.2	1.6	1.8	1.9

Table 9: Fluoride concentrations in air at different monitoring stations in Årdal, Norway. Unit: µg/m³.

Station	Location	Mean			
		Aug. 72 July 73	April 77 March 78	April 79 March 80	April 80 March 81
Øygarden Øvre Årdal	3km-NNE	2.5			
Vee Øvre Årdal	1.5km-SW	5.3			
Farnes Øvre Årdal	2.5km-SW	4.1	5.1	4.7	
Lægreid Årdals-tangen	10.5km-SW	2.5	2.2	2.4	2.5

Table 10: Results from 9 samples collected in May and June 1981 at Nyhamnsudden (NYH), and 17 samples collected at SCA during the summer of 1981.

Station		Fluoride $\mu g/m^3$	BaP ng/m^3	Total PAH ng/m^3
NYH	Mean	0.064	0.73	236
	Maximum	0.284	3.1	610
	Minimum	0	0	57.7
	Regression line	$C_{BaP} = 10.2 \times C_F + 0.08$		
	Corr. coeff.	0.98		
SCA	Mean	0.28	3.6	780
	Maximum	2.37	34.8	4195
	Minimum	0.019	0	76.6
	Regression line	$C_{BaP} = 14.7 \times C_F - 0.52$		
	Corr. coeff.	0.99		

Table 11: Estimated contribution of BaP from Gränges Aluminium at four stations. The estimates are based on the ratio of BaP and fluoride emission rates.

Station	Contribution of BaP(ng/m^3)	% of measured BaP average concentration
Kubikenborg (KU)	6.4	123
Haga	4.0	98.8
Köpmansgatan (KGT)	2.1	60.0
Sidsjön (SID)	1.38	68.25

Table 12: PAH compounds selected for the cluster (Fuzzy Logic") analysis.

Index	Variable description
1040	Biphenyl
1050	Acenaphthene
1060	Fluorene
1080	Phenanthrene
1090	Anthracene
1130	Fluoranthene
1140	Pyrene
1170	Benzo(a)anthracene
1210	BeP
1220	BaP
1280	Coronene

Table 13: Results of the cluster analyses of day, night and 24 hour samples at the four stations. The numbers in the left column in the matrices are the identification numbers for each sample in the particular working file. The membership of the samples are given in the next five columns. The samples are listed in order of increasing fluoride concentrations. The center and the principal components (directions) for each cluster are included.

KUBIKENBORG (KU)

Day

CONVERGENCE IN 51ITERATIONS

MAX. MEMBERSHIP ERROR= 0.04

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= *******

PARTITION COEFF. F= 0.77

PARTITION ENTROPY H= 0.44

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
20	0.00	0.00	0.04	0.96	0.00
50	0.01	0.00	0.13	0.86	0.00
62	0.01	0.00	0.29	0.69	0.00
80	0.00	0.00	0.00	0.99	0.00
18	0.01	0.00	0.05	0.94	0.00
26	0.00	0.00	0.02	0.98	0.00
16	0.00	0.00	0.02	0.97	0.00
58	0.00	0.00	0.03	0.97	0.00
22	0.01	0.00	0.18	0.80	0.00
24	0.00	0.00	0.01	0.99	0.00
8	0.00	0.00	0.04	0.96	0.00
68	0.01	0.00	0.10	0.89	0.00
70	0.04	0.00	0.88	0.08	0.00
66	0.00	0.00	0.01	0.99	0.00
28	0.05	0.00	0.64	0.30	0.01
72	0.02	0.00	0.66	0.32	0.00
12	0.01	0.00	0.90	0.09	0.00
6	0.03	0.00	0.61	0.32	0.01
78	0.01	0.00	0.96	0.04	0.00
76	0.01	0.00	0.95	0.04	0.00
60	0.71	0.02	0.16	0.08	0.03
74	0.89	0.01	0.06	0.03	0.01
10	0.39	0.01	0.45	0.13	0.02
64	0.79	0.05	0.07	0.04	0.05
45	0.00	0.01	0.00	0.00	0.99
31	0.05	0.65	0.02	0.01	0.26
47	0.03	0.80	0.01	0.01	0.14
14	0.93	0.01	0.03	0.02	0.01

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER	DIRECTIONS
1040 7.15	-0.01
1050 106.28	-0.10
1060 147.92	0.25
1080 630.79	0.90
1090 72.84	0.12
1130 296.55	0.27
1140 187.10	0.15
1170 43.69	-0.02
1210 38.21	0.03
1220 21.24	-0.00
1280 12.58	0.00

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER	DIRECTIONS
1040 20.51	-0.00
1050 206.11	0.94
1060 282.14	0.17
10801219.98	-0.24
1090 131.53	0.03
1130 487.08	-0.04
1140 301.21	-0.09
1170 53.09	-0.05
1210 49.02	-0.07
1220 26.28	-0.10
1280 2.15	0.01

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER	DIRECTIONS
1040 8.95	-0.02
1050 33.38	0.09
1060 59.89	0.14
1080 231.28	0.91
1090 22.28	0.09
1130 113.10	0.33
1140 67.62	0.18
1170 10.38	0.02
1210 6.86	0.04
1220 2.94	0.01
1280 1.10	0.00

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER	DIRECTIONS
1040 8.55	0.05
1050 11.83	0.18
1060 17.74	0.24
1080 56.68	0.85
1090 7.04	0.11
1130 22.11	0.36
1140 13.86	0.20
1170 1.14	0.02
1210 2.21	0.02
1220 0.82	0.01
1280 1.34	-0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER	DIRECTIONS
1040 16.34	-0.01
1050 220.40	0.32
1060 344.85	0.32
10801380.46	0.62
1090 130.58	0.03
1130 608.76	0.45
1140 357.93	0.19
1170 52.81	-0.02
1210 47.93	-0.03
1220 20.85	-0.06
1280 4.29	0.01

Night

CONVERGENCE IN 61ITERATIONS

MAX. MEMBERSHIP ERROR= 0.05

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= *******

PARTITION COEFF. F= 0.67

PARTITION ENTROPY H= 0.67

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
7	0.78	0.14	0.15	0.02	0.00
15	0.04	0.94	0.02	0.01	0.00
17	0.04	0.94	0.02	0.00	0.00
19	0.04	0.93	0.02	0.01	0.00
46	0.04	0.03	0.04	0.06	0.83
23	0.53	0.21	0.18	0.07	0.01
57	0.02	0.97	0.01	0.00	0.00
25	0.10	0.84	0.04	0.01	0.00
67	0.86	0.06	0.06	0.01	0.00
21	0.22	0.11	0.21	0.43	0.03
27	0.29	0.61	0.08	0.02	0.00
79	0.02	0.98	0.01	0.00	0.00
73	0.29	0.62	0.08	0.02	0.00
13	0.06	0.90	0.03	0.01	0.00
5	0.06	0.01	0.91	0.02	0.00
65	0.66	0.21	0.11	0.02	0.00
69	0.08	0.02	0.89	0.01	0.00
71	0.10	0.03	0.83	0.03	0.00
75	0.11	0.03	0.85	0.02	0.00
61	0.13	0.03	0.67	0.14	0.01
11	0.82	0.04	0.13	0.01	0.00
44	0.31	0.08	0.44	0.17	0.01
63	0.02	0.01	0.05	0.91	0.00
39	0.02	0.02	0.02	0.03	0.91
9	0.07	0.05	0.09	0.17	0.62
77	0.23	0.03	0.71	0.02	0.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER	DIRECTIONS
1040 6.28	0.07
1050 23.01	0.49
1060 24.49	0.31
1080 89.83	0.74
1090 6.23	0.09
1130 32.83	0.25
1140 16.96	0.17
1170 1.77	0.03
1210 2.79	0.04
1220 1.13	0.01
1280 1.08	0.01

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER	DIRECTIONS
1040 5.20	0.10
1050 8.00	0.32
1060 7.87	0.28
1080 22.55	0.80
1090 1.03	0.08
1130 9.66	0.34
1140 6.67	0.21
1170 0.53	0.02
1210 0.67	0.02
1220 0.44	0.01
1280 0.46	0.01

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER	DIRECTIONS
1040 4.55	0.05
1050 21.45	0.36
1060 33.31	0.31
1080 136.62	0.82
1090 8.45	0.09
1130 50.76	0.25
1140 26.00	0.16
1170 3.04	0.03
1210 1.75	0.04
1220 0.53	0.01
1280 0.69	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER	DIRECTIONS
1040 13.40	-0.01
1050 76.58	0.07
1060 76.95	0.22
1080 231.69	0.87
1090 18.97	0.13
1130 94.11	0.36
1140 49.10	0.22
1170 4.43	0.01
1210 8.49	0.03
1220 2.73	0.02
1280 1.83	-0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER	DIRECTIONS
1040 17.99	-0.02
1050 223.21	0.25
1060 190.14	0.35
1080 577.53	0.83
1090 83.96	0.14
1130 222.25	0.26
1140 136.38	0.17
1170 16.32	0.03
1210 10.00	-0.04
1220 3.03	-0.02
1280 1.44	-0.01

24h

CONVERGENCE IN 101ITERATIONS

MAX. MEMBERSHIP ERROR= 0.05

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= *******

PARTITION COEFF. F= 0.83

PARTITION ENTROPY H= 0.36

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
48	0.00	0.00	0.98	0.01	0.01
49	0.02	0.05	0.23	0.39	0.31
30	0.00	0.00	0.99	0.01	0.00
84	0.00	0.00	0.99	0.00	0.00
83	0.00	0.00	0.99	0.01	0.00
81	0.01	0.95	0.00	0.01	0.03
31	0.00	0.00	0.98	0.01	0.01
34	0.00	0.00	0.99	0.00	0.00
37	0.00	0.00	0.98	0.01	0.01
39	0.00	0.00	0.99	0.01	0.00
40	0.00	0.00	0.98	0.01	0.01
36	0.00	0.00	1.00	0.00	0.00
41	0.00	0.00	0.98	0.01	0.01
82	0.00	0.00	1.00	0.00	0.00
33	0.00	0.01	0.03	0.92	0.03
32	0.00	0.01	0.92	0.05	0.02
29	0.01	0.01	0.83	0.11	0.03
35	0.00	0.00	0.97	0.02	0.01
43	0.01	0.06	0.08	0.45	0.41
83	0.00	0.01	0.91	0.05	0.03
38	0.06	0.26	0.12	0.46	0.10
42	0.00	0.01	0.02	0.93	0.03
2	0.01	0.05	0.02	0.04	0.89
54	0.02	0.91	0.01	0.02	0.05
4	0.93	0.03	0.01	0.01	0.02
3	0.99	0.00	0.00	0.00	0.00
53	0.95	0.02	0.01	0.01	0.02
56	0.14	0.22	0.06	0.08	0.49

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER	DIRECTIONS
1040 3.09	0.02
1050 8.29	-0.13
1060 141.13	0.37
1080 831.59	0.86
1090 56.86	0.04
1130 406.19	0.12
1140 267.13	-0.00
1170 50.37	-0.16
1210 57.81	-0.21
1220 29.34	-0.12
1280 3.50	-0.02

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER	DIRECTIONS
1040 6.40	0.10
1050 42.38	0.98
1060 126.53	0.04
1080 508.38	-0.37
1090 32.54	0.15
1130 203.67	0.03
1140 127.74	0.04
1170 31.75	0.02
1210 26.98	-0.07
1220 9.31	-0.04
1280 2.88	-0.00

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER	DIRECTIONS
1040 7.93	0.11
1050 17.84	0.52
1060 17.24	0.26
1080 43.37	0.70
1090 2.91	0.07
1130 13.75	0.34
1140 10.32	0.21
1170 1.47	0.04
1210 1.34	0.03
1220 0.88	0.02
1280 0.62	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER	DIRECTIONS
1040 25.44	0.10
1050 163.11	0.88
1060 91.84	0.18
1080 260.23	0.33
1090 28.35	0.08
1130 105.63	0.22
1140 63.25	0.15
1170 9.99	0.01
1210 8.53	-0.02
1220 4.62	-0.00
1280 0.92	-0.00

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER	DIRECTIONS
1040 3.58	0.02
1050 13.90	-0.06
1060 88.95	0.27
1080 347.70	0.28
1090 33.45	0.07
1130 191.32	0.76
1140 117.33	0.47
1170 23.81	0.10
1210 28.73	0.15
1220 19.24	0.06
1280 1.43	-0.00

Table 13 cont.

HAGA

Day

CONVERGENCE IN 15ITERATIONS

MAX. MEMBERSHIP ERROR= 0.04

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= *******

PARTITION COEFF. F= 0.69

PARTITION ENTROPY H= 0.58

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
3	0.96	0.01	0.02	0.01	0.00
19	0.00	0.08	0.02	0.90	0.00
23	0.01	0.30	0.42	0.27	0.00
49	0.00	0.06	0.01	0.94	0.00
61	0.00	0.13	0.01	0.86	0.00
39	0.00	0.42	0.03	0.55	0.00
15	0.00	0.12	0.03	0.85	0.00
71	0.00	0.06	0.01	0.93	0.00
25	0.00	0.23	0.06	0.70	0.00
27	0.00	0.21	0.05	0.74	0.00
37	0.00	0.78	0.03	0.18	0.00
63	0.00	0.75	0.03	0.23	0.00
21	0.00	0.50	0.08	0.42	0.00
7	0.00	0.72	0.03	0.25	0.00
17	0.00	0.19	0.04	0.77	0.00
33	0.00	0.90	0.02	0.08	0.00
11	0.00	0.94	0.02	0.04	0.00
55	0.00	0.30	0.61	0.08	0.00
13	0.00	0.89	0.04	0.07	0.00
63	0.00	0.50	0.39	0.10	0.00
31	0.00	0.00	0.99	0.00	0.00
9	0.39	0.16	0.32	0.11	0.02
46	0.87	0.04	0.05	0.03	0.01
69	0.99	0.00	0.01	0.00	0.00
47	0.02	0.02	0.02	0.01	0.94
5	0.07	0.05	0.06	0.04	0.77
67	0.93	0.02	0.03	0.01	0.01

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	7.92	0.07
1050	96.79	0.70
1060	133.40	0.35
1080	572.74	0.48
1090	47.46	0.01
1130	309.71	-0.26
1140	189.03	-0.21
1170	41.44	-0.13
1210	39.46	-0.09
1220	18.32	-0.05
1280	4.42	-0.02

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	6.00	-0.00
1050	14.56	0.14
1060	24.69	0.17
1080	99.80	0.81
1090	3.57	0.08
1130	44.38	0.44
1140	23.16	0.28
1170	3.11	0.05
1210	3.20	0.09
1220	1.03	0.03
1280	0.57	-0.00

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	11.78	-0.04
1050	56.15	0.02
1060	53.54	0.11
1080	193.21	0.81
1090	13.24	0.08
1130	94.24	0.46
1140	57.65	0.30
1170	8.07	0.06
1210	10.19	0.10
1220	4.33	0.04
1280	2.29	0.00

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	12.03	0.11
1050	12.52	0.23
1060	17.02	0.25
1080	33.57	0.81
1090	1.88	0.06
1130	13.87	0.38
1140	11.16	0.26
1170	1.17	0.04
1210	2.01	0.08
1220	1.03	0.03
1280	2.12	0.02

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	14.32	0.01
1050	181.85	0.12
1060	287.77	0.28
1080	1330.34	0.79
1090	101.33	0.05
1130	602.59	0.26
1140	407.13	0.14
1170	57.35	-0.09
1210	126.39	-0.39
1220	47.34	-0.17
1280	7.17	-0.03

Night

[illegible]

MAX. MEMBERSHIP ERROR= 0.02

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 4240.76

PARTITION COEFF. F= 0.72

PARTITION ENTROPY H= 0.56

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
2	0.01	0.81	0.10	0.00	0.08
16	0.01	0.15	0.81	0.00	0.03
24	0.01	0.07	0.91	0.00	0.02
48	0.00	0.02	0.97	0.00	0.00
28	0.01	0.35	0.58	0.00	0.06
26	0.00	0.04	0.95	0.00	0.01
58	0.00	0.97	0.02	0.00	0.01
70	0.00	0.04	0.95	0.00	0.01
14	0.03	0.42	0.45	0.00	0.10
34	0.02	0.61	0.07	0.00	0.29
64	0.01	0.82	0.13	0.00	0.04
62	0.00	0.94	0.03	0.00	0.02
60	0.00	0.92	0.05	0.00	0.02
68	0.01	0.82	0.09	0.00	0.08
6	0.02	0.78	0.07	0.00	0.14
30	0.01	0.04	0.01	0.00	0.93
12	0.01	0.00	0.11	0.00	0.87
22	0.09	0.16	0.11	0.00	0.64
44	0.90	0.03	0.02	0.00	0.05
36	0.03	0.16	0.04	0.00	0.76
4	0.91	0.03	0.02	0.00	0.04
10	0.11	0.09	0.04	0.00	0.76
32	0.59	0.12	0.06	0.00	0.22
8	0.00	0.00	0.00	1.00	0.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	6.23	0.10
1050	24.54	0.29
1060	43.33	0.36
1080	191.91	0.87
1090	2.79	-0.05
1130	74.68	0.14
1140	34.73	-0.02
1170	1.78	-0.02
1210	0.80	-0.05
1220	0.27	-0.01
1280	0.26	-0.00

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	2.89	0.04
1050	8.44	0.17
1060	13.96	0.25
1080	61.10	0.91
1090	2.53	0.06
1130	23.80	0.26
1140	11.99	0.08
1170	0.48	0.02
1210	0.76	0.03
1220	0.28	0.01
1280	0.22	0.01

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	5.50	0.13
1050	3.22	0.05
1060	7.80	0.27
1080	19.24	0.76
1090	0.68	0.04
1130	8.03	0.36
1140	6.46	0.29
1170	0.29	0.00
1210	1.27	0.01
1220	0.60	0.01
1280	1.03	0.00

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	9.10	0.00
1050	99.50	0.09
1060	149.00	0.15
1080	742.08	0.80
1090	80.00	0.10
1130	402.39	0.45
1140	269.89	0.31
1170	68.70	0.09
1210	57.30	0.07
1220	21.30	0.03
1280	3.60	0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	7.83	0.15
1050	31.04	0.51
1060	33.01	0.22
1080	109.04	0.67
1090	9.16	0.06
1130	40.76	0.37
1140	24.05	0.26
1170	2.95	0.03
1210	3.75	0.09
1220	1.33	0.05
1280	1.17	0.05

24h

CONVERGENCE IN 10ITERATIONS

MAX. MEMBERSHIP ERROR= 0.01

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 2602.91

PARTITION COEFF. F= 0.77

PARTITION ENTROPY H= 0.46

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
33	0.94	0.05	0.00	0.01	0.00
77	0.99	0.01	0.00	0.00	0.00
78	0.96	0.03	0.00	0.00	0.00
28	0.53	0.44	0.00	0.02	0.00
29	0.95	0.04	0.00	0.01	0.00
74	0.84	0.14	0.00	0.02	0.00
30	0.20	0.74	0.01	0.04	0.01
39	0.93	0.05	0.00	0.01	0.00
41	0.91	0.07	0.00	0.01	0.00
40	0.95	0.04	0.00	0.01	0.00
35	0.83	0.13	0.00	0.01	0.00
32	0.57	0.40	0.00	0.02	0.00
31	0.01	0.02	0.01	0.95	0.01
38	0.06	0.92	0.00	0.02	0.00
76	0.16	0.57	0.04	0.21	0.03
36	0.13	0.23	0.04	0.58	0.02
37	0.02	0.02	0.01	0.94	0.01
43	0.02	0.03	0.83	0.03	0.10
42	0.01	0.01	0.95	0.01	0.02
72	0.00	0.00	0.00	0.00	1.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	3.69	0.16
1050	3.93	0.11
1060	10.32	0.45
1080	23.08	0.76
1090	1.23	0.09
1130	9.28	0.34
1140	6.76	0.23
1170	0.73	0.01
1210	0.91	0.02
1220	0.64	0.02
1280	0.57	0.05

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	16.37	-0.21
1050	11.00	0.04
1060	25.42	0.11
1080	52.24	0.47
1090	4.96	0.02
1130	26.72	0.83
1140	16.19	0.17
1170	1.60	0.01
1210	1.82	0.03
1220	1.38	-0.01
1280	1.96	0.08

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	13.65	-0.15
1050	50.84	-0.32
1060	51.46	-0.28
1080	171.02	-0.16
1090	9.24	0.03
1130	91.52	0.77
1140	57.33	0.37
1170	3.14	0.08
1210	9.53	0.17
1220	4.07	0.07
1280	0.92	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	22.83	0.31
1050	57.91	0.87
1060	38.89	-0.04
1080	93.94	0.14
1090	9.81	0.11
1130	43.44	0.20
1140	30.86	0.23
1170	3.53	0.11
1210	4.04	0.04
1220	3.51	0.06
1280	1.45	-0.03

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	4.26	-0.05
1050	29.61	-0.06
1060	79.57	0.33
1080	244.76	0.86
1090	20.57	0.10
1130	116.35	0.16
1140	76.72	0.18
1170	32.40	0.23
1210	26.44	0.13
1220	12.91	0.07
1280	4.17	0.02

Table 13 cont.

KØPMANSGATAN (KGT)

Day

CONVERGENCE IN 131ITERATIONS

MAX. MEMBERSHIP ERROR= 0.05

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= *******

PARTITION COEFF. F= 0.73

PARTITION ENTROPY H= 0.54

ALPHA = 0.80

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
2	0.06	0.15	0.04	0.75	0.00
4	0.01	0.78	0.17	0.04	0.00
19	0.01	0.74	0.23	0.03	0.00
21	0.01	0.25	0.71	0.03	0.00
49	0.01	0.87	0.09	0.03	0.00
54	0.96	0.01	0.00	0.03	0.00
51	0.00	0.98	0.02	0.00	0.00
45	0.00	0.95	0.04	0.01	0.00
53	0.00	0.96	0.03	0.01	0.00
14	0.00	0.07	0.91	0.01	0.00
47	0.01	0.76	0.14	0.08	0.00
16	0.01	0.19	0.78	0.03	0.00
8	0.00	0.03	0.96	0.01	0.00
10	0.00	0.04	0.93	0.02	0.00
12	0.02	0.07	0.85	0.05	0.00
41	0.00	0.90	0.09	0.01	0.00
6	0.00	0.02	0.97	0.01	0.00
58	0.37	0.09	0.03	0.50	0.01
64	0.01	0.81	0.15	0.04	0.00
56	0.82	0.04	0.01	0.12	0.00
60	0.08	0.10	0.03	0.79	0.00
43	0.05	0.12	0.05	0.77	0.00
62	0.09	0.13	0.06	0.71	0.01
39	0.54	0.10	0.04	0.22	0.10
37	0.00	0.00	0.00	0.00	1.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	9.01	0.04
1050	47.02	0.38
1060	96.48	0.33
1080	478.06	0.74
1090	31.39	0.07
1130	214.35	0.32
1140	102.02	0.28
1170	9.60	0.06
1210	9.11	0.03
1220	3.59	0.02
1280	2.58	0.00

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	13.48	-0.01
1050	10.14	0.12
1060	37.90	0.27
1080	72.07	0.84
1090	7.81	0.07
1130	28.38	0.38
1140	19.27	0.22
1170	0.88	0.02
1210	1.96	0.03
1220	1.03	0.01
1280	2.67	0.02

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	63.21	0.33
1050	62.72	0.46
1060	82.89	0.58
1080	100.70	0.50
1090	12.97	0.10
1130	31.46	0.12
1140	42.62	0.22
1170	5.40	0.05
1210	10.31	0.06
1220	4.88	0.03
1280	13.43	0.13

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	9.76	0.03
1050	29.93	0.24
1060	71.39	0.22
1080	261.15	0.84
1090	20.97	0.04
1130	148.24	0.38
1140	90.24	0.19
1170	7.61	0.02
1210	11.17	0.00
1220	3.77	0.01
1280	3.13	-0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	17.26	-0.01
1050	130.27	-0.03
1060	358.56	0.18
1080	1369.70	0.80
1090	98.69	0.05
1130	723.65	0.48
1140	439.52	0.29
1170	60.49	0.04
1210	78.27	0.06
1220	33.69	0.03
1280	6.77	0.00

Night

CONVERGENCE IN 121ITERATIONS

MAX. MEMBERSHIP ERROR= 0.04

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 7738.34

PARTITION COEFF. F= 0.68

PARTITION ENTROPY H= 0.62

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
3	0.01	0.00	0.95	0.04	0.00
5	0.01	0.00	0.86	0.11	0.01
7	0.01	0.00	0.90	0.08	0.01
13	0.01	0.00	0.93	0.06	0.01
22	-0.31	0.01	0.13	0.21	0.11
36	-0.02	0.00	0.01	0.01	0.96
38	-0.00	0.99	0.00	0.00	0.00
18	0.04	0.00	0.38	0.55	0.02
20	0.01	0.00	0.90	0.08	0.01
30	0.02	0.00	0.07	0.90	0.01
40	0.00	0.00	0.97	0.02	0.00
15	0.01	0.00	0.92	0.06	0.00
63	0.03	0.00	0.73	0.20	0.02
46	0.83	0.00	0.03	0.09	0.05
59	0.03	0.00	0.05	0.88	0.02
37	0.74	0.01	0.04	0.13	0.08
32	0.03	0.00	0.45	0.51	0.02
11	0.49	0.01	0.14	0.19	0.16
48	0.04	0.00	0.05	0.90	0.01
61	0.69	0.01	0.05	0.13	0.12
42	0.70	0.00	0.03	0.19	0.06
44	0.10	0.31	0.06	0.11	0.42

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	19.76	0.49
1050	22.98	0.30
1060	54.81	0.20
1080	131.32	-0.60
1090	11.80	0.03
1130	58.10	-0.52
1140	34.58	0.02
1170	2.93	0.03
1210	2.99	0.01
1220	1.33	0.03
1280	1.73	0.02

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	18.82	0.01
1050	123.00	0.46
1060	167.27	0.38
1080	410.04	0.77
1090	29.87	0.09
1130	154.32	0.17
1140	92.09	0.11
1170	12.81	0.03
1210	8.61	-0.01
1220	3.14	0.01
1280	4.46	0.02

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	12.45	0.27
1050	7.39	0.18
1060	19.09	0.41
1080	29.97	0.75
1090	2.19	0.10
1130	10.07	0.32
1140	9.85	0.24
1170	0.83	0.04
1210	1.42	0.04
1220	0.94	0.03
1280	1.10	0.02

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	9.88	0.03
1050	14.48	0.12
1060	36.17	0.30
1080	80.18	0.84
1090	3.77	0.03
1130	31.12	0.38
1140	17.79	0.20
1170	1.05	0.02
1210	1.69	0.01
1220	1.20	-0.01
1280	1.38	-0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	23.62	-0.00
1050	59.88	-0.02
1060	72.50	0.26
1080	197.67	0.80
1090	8.13	0.03
1130	74.23	0.44
1140	38.20	0.28
1170	3.41	0.04
1210	6.36	0.03
1220	1.60	-0.00
1280	1.98	0.00

24h

CONVERGENCE IN 121ITERATIONS

MAX. MEMBERSHIP ERROR= 0.05

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 5661.49

PARTITION COEFF. F= 0.64

PARTITION ENTROPY H= 0.69

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
24	0.43	0.10	0.02	0.02	0.43
27	0.04	0.01	0.00	0.00	0.95
17	0.16	0.63	0.05	0.04	0.12
23	0.11	0.01	0.00	0.00	0.87
68	0.30	0.03	0.01	0.00	0.46
69	0.26	0.02	0.01	0.00	0.71
32	0.14	0.03	0.01	0.01	0.82
66	0.90	0.02	0.00	0.00	0.06
28	0.39	0.06	0.01	0.01	0.53
33	0.05	0.01	0.00	0.00	0.94
26	0.18	0.02	0.00	0.00	0.79
29	-0.17	0.73	0.02	0.02	0.07
31	-0.22	0.03	0.01	0.01	0.73
35	0.42	0.40	0.04	0.03	0.11
67	0.87	0.06	0.01	0.00	0.05
30	0.19	0.47	0.16	0.08	0.10
25	0.02	0.03	0.91	0.02	0.02
34	0.04	0.05	0.85	0.03	0.02
65	0.00	0.00	0.00	1.00	0.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	15.29	-0.07
1050	11.54	0.11
1060	31.02	0.34
1080	80.83	0.78
1090	11.06	0.06
1130	32.31	0.40
1140	27.51	0.28
1170	3.30	0.03
1210	3.80	0.08
1220	2.92	0.06
1280	7.44	0.09

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	29.34	-0.01
1050	23.07	-0.17
1060	64.05	0.27
1080	110.13	0.58
1090	16.40	-0.00
1130	49.39	0.14
1140	52.33	-0.11
1170	10.76	-0.29
1210	13.71	-0.21
1220	16.40	-0.39
1280	20.82	-0.30

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	34.93	0.36
1050	98.01	0.70
1060	84.86	-0.34
1080	173.34	-0.48
1090	16.53	-0.04
1130	72.89	0.07
1140	53.58	0.12
1170	6.00	0.10
1210	6.89	0.02
1220	4.23	0.04
1280	1.71	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	6.96	-0.12
1050	24.55	-0.05
1060	100.25	0.09
1080	277.85	0.80
1090	26.35	0.08
1130	138.33	0.49
1140	89.10	0.23
1170	34.88	0.15
1210	24.31	0.09
1220	14.02	0.03
1280	9.01	-0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	16.67	0.32
1050	10.44	0.17
1060	29.67	0.49
1080	44.35	0.69
1090	4.71	0.14
1130	14.85	0.26
1140	14.62	0.24
1170	0.94	0.03
1210	1.31	0.04
1220	0.93	0.04
1280	1.33	0.06

Table 13 cont.

SIDSJÖN (SID)

Day

CONVERGENCE IN 61 ITERATIONS

MAX. MEMBERSHIP ERROR= 0.05

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 5477.79

PARTITION COEFF. F= 0.69

PARTITION ENTROPY H= 0.57

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
23	0.37	0.32	0.30	0.01	0.00
25	0.88	0.09	0.03	0.00	0.00
48	0.98	0.02	0.00	0.00	0.00
34	0.73	0.24	0.03	0.00	0.00
36	0.91	0.07	0.01	0.00	0.00
38	0.95	0.04	0.01	0.00	0.00
60	0.93	0.06	0.01	0.00	0.00
62	0.16	0.80	0.04	0.00	0.00
13	0.38	0.41	0.20	0.01	0.00
19	0.65	0.25	0.09	0.00	0.00
7	0.91	0.07	0.01	0.00	0.00
11	0.89	0.10	0.01	0.00	0.00
13	0.11	0.68	0.21	0.00	0.00
17	0.85	0.12	0.03	0.00	0.00
21	0.32	0.26	0.40	0.02	0.01
27	0.61	0.26	0.12	0.00	0.00
32	0.13	0.83	0.04	0.00	0.00
5	0.09	0.73	0.18	0.00	0.00
64	0.06	0.88	0.07	0.00	0.00
9	0.04	0.93	0.03	0.00	0.00
66	0.12	0.85	0.03	0.00	0.00
46	0.09	0.22	0.66	0.02	0.01
69	0.05	0.16	0.79	0.00	0.00
30	0.00	0.00	0.00	1.00	0.00
44	0.00	0.00	0.00	0.00	1.00

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	4.81	0.35
1050	3.72	0.52
1060	8.36	0.40
1080	20.98	0.62
1090	1.13	0.04
1130	9.36	0.18
1140	3.45	0.16
1170	0.91	-0.01
1210	1.83	-0.04
1220	0.61	-0.01
1280	0.49	0.01

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	3.67	-0.03
1050	7.31	0.21
1060	14.97	0.21
1080	31.67	0.90
1090	2.38	0.06
1130	23.44	0.24
1140	12.10	0.18
1170	1.15	0.02
1210	1.42	-0.01
1220	0.57	-0.00
1280	0.12	-0.00

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	8.76	-0.09
1050	28.17	0.07
1060	29.07	0.18
1080	87.32	0.90
1090	4.90	0.03
1130	42.92	0.36
1140	27.07	0.12
1170	3.37	-0.00
1210	5.21	0.05
1220	2.62	-0.01
1280	0.58	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	6.21	-0.02
1050	63.07	0.07
1060	74.16	0.10
1080	337.25	0.69
1090	24.08	0.05
1130	267.48	0.58
1140	176.43	0.40
1170	28.78	0.07
1210	34.27	0.07
1220	14.39	0.03
1280	4.80	0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	9.10	-0.01
1050	78.00	0.04
1060	206.99	0.24
1080	694.05	0.04
1090	28.10	0.03
1130	341.27	0.42
1140	182.49	0.22
1170	21.30	0.03
1210	34.20	0.04
1220	12.40	0.02
1280	4.10	0.00

Night

CONVERGENCE IN 151 ITERATIONS

MAX. MEMBERSHIP ERROR= 0.03

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 2661.46

PARTITION COEFF. F= 0.70

PARTITION ENTROPY H= 0.55

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
12	0.00	0.57	0.00	0.42	0.01
16	0.00	0.20	0.00	0.79	0.01
18	0.00	0.10	0.00	0.89	0.01
24	0.00	0.12	0.00	0.87	0.01
26	0.00	0.46	0.00	0.52	0.02
45	0.84	0.02	0.06	0.02	0.05
47	0.00	0.07	0.00	0.93	0.00
39	0.00	0.51	0.00	0.48	0.01
68	0.00	0.08	0.00	0.92	0.00
63	0.00	0.64	0.00	0.35	0.01
14	0.00	0.07	0.00	0.92	0.00
20	0.00	0.06	0.00	0.94	0.00
22	0.00	0.37	0.00	0.61	0.01
35	0.00	0.52	0.00	0.47	0.01
65	0.00	0.96	0.00	0.04	0.00
33	0.00	0.86	0.00	0.12	0.02
6	0.00	0.92	0.00	0.08	0.00
61	0.00	0.90	0.00	0.09	0.01
37	0.00	0.67	0.00	0.32	0.01
10	0.00	0.93	0.00	0.07	0.00
67	0.01	0.42	0.05	0.20	0.32
43	0.03	0.05	0.09	0.04	0.79
4	0.04	0.02	0.87	0.02	0.04
31	0.01	0.03	0.02	0.02	0.93
49	0.04	0.05	0.76	0.04	0.11
8	0.89	0.02	0.05	0.01	0.03

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	3.27	-0.02
1050	52.95	0.04
1060	64.69	-0.54
1080	299.36	0.13
1090	9.27	0.12
1130	86.01	0.59
1140	51.37	0.47
1170	11.58	0.16
1210	13.89	0.26
1220	5.95	0.13
1280	2.14	0.05

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	2.43	0.01
1050	5.98	0.19
1060	9.83	0.25
1080	29.91	0.82
1090	0.99	0.03
1130	10.74	0.42
1140	5.19	0.21
1170	0.32	0.03
1210	0.31	0.06
1220	0.14	0.02
1280	0.16	0.00

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	2.57	-0.05
1050	23.29	-0.33
1060	23.43	-0.10
1080	131.62	0.79
1090	8.00	-0.06
1130	68.48	-0.38
1140	44.73	-0.31
1170	8.30	-0.09
1210	12.74	0.05
1220	6.68	0.08
1280	1.09	0.00

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	2.99	0.14
1050	2.93	0.25
1060	4.26	0.33
1080	10.37	0.80
1090	0.36	0.03
1130	4.00	0.35
1140	2.56	0.21
1170	0.29	0.03
1210	0.20	0.03
1220	0.39	0.02
1280	0.29	0.02

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	8.83	0.17
1050	33.90	0.68
1060	41.69	0.27
1080	104.61	0.55
1090	2.35	0.01
1130	39.37	0.31
1140	20.68	0.16
1170	3.37	0.03
1210	6.78	0.09
1220	1.73	0.04
1280	2.44	0.05

24h

CONVERGENCE IN 81 ITERATIONS

MAX. MEMBERSHIP ERROR= 0.03

CUTOFF CONTROL EPS= 0.05

WEIGHTING EXPONENT M= 2.00

OBJECTIVE FCN. JM= 1336.40

PARTITION COEFF. F= 0.71

PARTITION ENTROPY H= 0.53

ALPHA = 0.60

EUCLIDEAN NORM USED THIS RUN

TERMINAL MEMBERSHIP MATRIX U

	1	2	3	4	5
2	0.07	0.03	0.03	0.84	0.01
36	0.57	0.01	0.38	0.04	0.01
73	0.06	0.00	0.94	0.00	0.00
74	0.09	0.00	0.10	0.01	0.00
71	0.54	0.00	0.43	0.03	0.00
23	0.06	0.00	0.93	0.00	0.00
29	0.43	0.00	0.56	0.02	0.00
32	0.03	0.00	0.97	0.00	0.00
34	0.25	0.00	0.73	0.01	0.00
35	0.10	0.00	0.89	0.00	0.00
37	0.15	0.00	0.82	0.02	0.00
72	0.88	0.00	0.10	0.02	0.00
33	0.11	0.00	0.88	0.00	0.00
38	0.09	0.00	0.90	0.01	0.00
39	0.05	0.00	0.94	0.00	0.00
40	0.30	0.00	0.66	0.02	0.00
31	0.36	0.06	0.18	0.36	0.04
3	0.03	0.01	0.02	0.94	0.01
42	0.02	0.06	0.02	0.05	0.85
30	0.00	0.00	0.00	0.00	1.00
70	0.09	0.41	0.06	0.35	0.08
41	0.01	0.90	0.01	0.03	0.05

CENTER & DIRECTIONS FOR CLUSTER 1

CENTER		DIRECTIONS
1040	6.68	0.10
1050	7.22	0.43
1060	12.37	0.24
1080	23.78	0.69
1090	2.05	0.05
1130	9.91	0.42
1140	7.50	0.28
1170	1.12	0.04
1210	1.14	0.07
1220	0.68	0.03
1280	0.63	0.02

CENTER & DIRECTIONS FOR CLUSTER 2

CENTER		DIRECTIONS
1040	7.38	0.28
1050	38.40	0.88
1060	37.97	0.27
1080	108.23	0.18
1090	3.78	0.02
1130	53.78	-0.18
1140	31.74	-0.07
1170	4.53	-0.02
1210	8.78	0.00
1220	2.96	-0.01
1280	0.81	0.01

CENTER & DIRECTIONS FOR CLUSTER 3

CENTER		DIRECTIONS
1040	4.11	0.23
1050	3.96	0.41
1060	5.20	0.33
1080	12.06	0.72
1090	0.56	0.03
1130	4.33	0.31
1140	3.02	0.23
1170	0.37	0.05
1210	0.43	0.03
1220	0.27	0.02
1280	0.07	0.01

CENTER & DIRECTIONS FOR CLUSTER 4

CENTER		DIRECTIONS
1040	1.93	0.18
1050	10.76	0.34
1060	12.54	0.56
1080	63.27	0.60
1090	3.36	0.01
1130	32.18	-0.08
1140	17.92	-0.01
1170	1.94	0.06
1210	3.44	0.11
1220	3.28	0.06
1280	0.09	0.01

CENTER & DIRECTIONS FOR CLUSTER 5

CENTER		DIRECTIONS
1040	19.82	0.16
1050	97.36	0.80
1060	39.42	0.08
1080	112.05	0.25
1090	3.80	0.00
1130	77.43	0.40
1140	51.37	0.29
1170	12.70	0.08
1210	12.03	0.06
1220	6.35	0.04
1280	0.70	-0.00

Table 14: Estimated contribution from Gränges Aluminium in percent of the total measured PAH in the samples. The estimates are based on the results from the cluster membership computation (Fuzzy Logic), see Table 13.

Station	Sample type	%	Estimate based on membership in clusters No.
KU	Day	83	1,2,3,5
	Night	86	1,3,4,5
	24h	75	1,2,4,5
HAGA	Day	87	1,2,3,5
	Night	84	1,2,4,5
	24h	72	2,3,4,5
KGT	Day	46	1,4,5
	Night	54	1,2,5
	24h	50	1,3,4
SID	Day	76	3,4,5
	Night	57	1,3,5
	24h	52	2,4,5

Table 15: Average day, night and 24 hour concentrations at the four monitoring stations.

SA;KET KU;MEAN

23 VARIABLES:

VARIABLE	INDEX	Day VALUE	Night VALUE	24h VALUE	VARIABLE DESCRIPTION
1	1010	61.461	46.540	58.000	;NAPHTALENE,PAH;NG M-3
2	1040	9.592	7.605	11.466	;BIPHENYL,PAH;NG M-3
3	1050	58.431	35.865	54.886	;ACENAPHTENE,PAH;NG M-3
4	1060	76.927	38.085	47.352	;FLUORENE,PAH;NG M-3
5	1070	33.603	14.057	16.325	;DIBENZOTHIOPHENE,PAH;NG M-3
6	1080	296.234	128.205	177.727	;PHENANTHRENE,PAH;NG M-3
7	1090	30.752	11.955	15.525	;ANTHRACENE,PAH;NG M-3
8	1120	9.010	2.720	3.986	;1-METHYL PHENANTHRENE,PAH;NG M-3
9	1130	134.608	49.090	80.300	;FLUORANTHENE,PAH;NG M-3
10	1140	82.104	27.445	51.723	;PYRENE,PAH;NG M-3
11	1150	23.458	3.050	8.939	;BENZO A FLUORENE,PAH;NG M-3
12	1160	12.677	2.155	6.375	;BENZO B FLUORENE,PAH;NG M-3
13	1170	14.467	2.790	10.466	;BENZO A ANTHRACENE,PAH;NG M-3
14	1180	33.161	7.487	21.914	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
15	1190	30.192	6.027	22.773	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
16	1210	12.317	3.317	9.684	;BENZO E PYRENE BEP,PAH;NG M-3
17	1220	5.667	1.367	4.761	;BENZO A PYRENE BAP,PAH;NG M-3
18	1230	1.081	0.367	1.050	;PERYLENE,PAH;NG M-3
19	1240	6.302	2.532	2.975	;O-PHENYLENE PYRENE,PAH;NG M-3
20	1250	2.006	0.622	2.355	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
21	1260	7.698	2.152	3.995	;BENZO GHI PERYLENE,PAH;NG M-3
22	1270	0.208	0.002	0.123	;ANTHANTHRENE,PAH;NG M-3
23	1280	3.065	0.787	1.218	;CORONENE,PAH;NG M-3

SA;KET HAGA;MEAN;MEAN-VALUE;*

23 VARIABLES:

VARIABLE	INDEX	Day VALUE	Night VALUE	24h VALUE	VARIABLE DESCRIPTION
1	1010	85.363	36.892	61.390	;NAPHTALENE,PAH;NG M-3
2	1040	9.996	4.592	10.174	;BIPHENYL,PAH;NG M-3
3	1050	37.633	15.656	17.405	;ACENAPHTENE,PAH;NG M-3
4	1060	49.348	23.224	24.402	;FLUORENE,PAH;NG M-3
5	1070	16.968	9.024	7.067	;DIBENZOTHIOPHENE,PAH;NG M-3
6	1080	196.644	93.130	62.509	;PHENANTHRENE,PAH;NG M-3
7	1090	15.191	5.818	4.721	;ANTHRACENE,PAH;NG M-3
8	1120	6.780	2.772	4.426	;1-METHYL PHENANTHRENE,PAH;NG M-3
9	1130	102.702	41.152	31.357	;FLUORANTHENE,PAH;NG M-3
10	1140	63.942	24.502	20.305	;PYRENE,PAH;NG M-3
11	1150	9.713	1.980	2.914	;BENZO A FLUORENE,PAH;NG M-3
12	1160	7.439	2.020	2.174	;BENZO B FLUORENE,PAH;NG M-3
13	1170	12.750	3.578	3.510	;BENZO A ANTHRACENE,PAH;NG M-3
14	1180	38.952	10.000	7.838	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
15	1190	44.174	7.802	7.743	;BENZO J / K / B FLUORANTHENE,PAH;NG M-
16	1210	20.124	3.362	3.681	;BENZO E PYRENE BEP,PAH;NG M-3
17	1220	8.170	1.225	2.114	;BENZO A PYRENE BAP,PAH;NG M-3
18	1230	0.609	0.038	0.317	;PERYLENE,PAH;NG M-3
19	1240	8.939	1.714	1.957	;O-PHENYLENE PYRENE,PAH;NG M-3
20	1250	2.343	0.582	0.490	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
21	1260	11.130	2.174	2.557	;BENZO GHI PERYLENE,PAH;NG M-3
22	1270	0.030	0.003	0.064	;ANTHANTHRENE,PAH;NG M-3
23	1280	2.554	0.662	1.302	;CORONENE,PAH;NG M-3

SA;KET KGT;MEANVALUE;PAH;*

23 VARIABLES:

VARIABLE	INDEX	Day VALUE	Night VALUE	24h VALUE	VARIABLE DESCRIPTION
1	1010	307.708	106.645	119.706	;NAPHTALENE,PAH;NG M-3
2	1040	26.456	14.643	21.156	;BIPHENYL,PAH;NG M-3
3	1050	40.896	23.314	20.069	;ACENAPHTENE,PAH;NG M-3
4	1060	78.664	44.305	45.537	;FLUORENE,PAH;NG M-3
5	1070	24.510	12.525	11.553	;DIBENZOTHIOPHENE,PAH;NG M-3
6	1080	224.034	105.414	80.681	;PHENANTHRENE,PAH;NG M-3
7	1090	18.852	7.430	10.570	;ANTHRACENE,PAH;NG M-3
8	1120	13.706	5.764	9.784	;1-METHYL PHENANTHRENE,PAH;NG M-3
9	1130	106.192	42.414	33.407	;FLUORANTHENE,PAH;NG M-3
10	1140	68.348	25.709	29.762	;PYRENE,PAH;NG M-3
11	1150	9.692	3.639	5.094	;BENZO A FLUORENE,PAH;NG M-3
12	1160	6.388	2.320	3.831	;BENZO B FLUORENE,PAH;NG M-3
13	1170	7.160	2.257	6.116	;BENZO A ANTHRACENE,PAH;NG M-3
14	1180	26.776	6.123	8.844	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
15	1190	18.128	5.232	10.919	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
16	1210	9.984	2.750	5.712	;BENZO E PYRENE BEP,PAH;NG M-3
17	1220	4.428	1.027	5.362	;BENZO A PYRENE BAP,PAH;NG M-3
18	1230	0.926	0.227	0.734	;PERYLENE,PAH;NG M-3
19	1240	4.896	1.677	4.356	;O-PHENYLENE PYRENE,PAH;NG M-3
20	1250	1.036	0.491	0.678	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
21	1260	8.788	2.482	9.769	;BENZO GHI PERYLENE,PAH;NG M-3
22	1270	0.044	0.059	0.887	;ANTHANTHRENE,PAH;NG M-3
23	1280	5.872	1.391	6.894	;CORONENE,PAH;NG M-3

SA;KET SID;PAH-MEAN;VALUE;*

23 VARIABLES:

VARIABLE	INDEX	Day VALUE	Night VALUE	24h VALUE	VARIABLE DESCRIPTION
2	1010	47.974	34.450	33.195	;NAPHTALENE,PAH;NG M-3
5	1040	6.361	3.890	5.686	;BIPHENYL,PAH;NG M-3
6	1050	13.265	12.840	14.436	;ACENAPHTENE,PAH;NG M-3
7	1060	22.622	15.405	13.386	;FLUORENE,PAH;NG M-3
8	1070	6.793	4.890	4.145	;DIBENZOTHIOPHENE,PAH;NG M-3
9	1080	68.948	53.257	37.632	;PHENANTHRENE,PAH;NG M-3
10	1090	3.249	2.210	2.134	;ANTHRACENE,PAH;NG M-3
13	1120	1.739	1.212	1.175	;1-METHYL PHENANTHRENE,PAH;NG M-3
14	1130	33.565	22.940	18.441	;FLUORANTHENE,PAH;NG M-3
15	1140	18.496	13.547	11.695	;PYRENE,PAH;NG M-3
16	1150	2.139	2.245	1.355	;BENZO A FLUORENE,PAH;NG M-3
17	1160	1.300	1.415	1.018	;BENZO B FLUORENE,PAH;NG M-3
18	1170	2.441	2.292	1.977	;BENZO A ANTHRACENE,PAH;NG M-3
19	1180	11.143	7.787	6.105	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
20	1190	8.835	5.360	4.750	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
22	1210	4.043	3.495	2.509	;BENZO E PYRENE BEP,PAH;NG M-3
23	1220	1.441	1.615	1.309	;BENZO A PYRENE BAP,PAH;NG M-3
24	1230	0.587	0.220	0.157	;PERYLENE,PAH;NG M-3
25	1240	1.900	1.975	1.132	;O-PHENYLENE PYRENE,PAH;NG M-3
26	1250	0.604	1.065	0.325	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
27	1260	2.178	2.160	1.314	;BENZO GHI PERYLENE,PAH;NG M-3
28	1270	0.083	0.037	0.025	;ANTHANTHRENE,PAH;NG M-3
29	1280	0.609	0.783	0.309	;CORONENE,PAH;NG M-3

Table 16: Ratios of the mean concentrations of fluoranthene and coronene in samples collected at the four stations Kubikenborg, Haga, Sidsjön and Köpmansgatan.

Station	Ratios Fluoranthene/Coronene		
	Day	Night	24 h
Kubikenborg	43.9	62.4	65.9
Haga	40.2	62.2	24.1
Sidsjön	55.1	29.2	59.7
Köpmansgatan	18.1	30.5	4.6

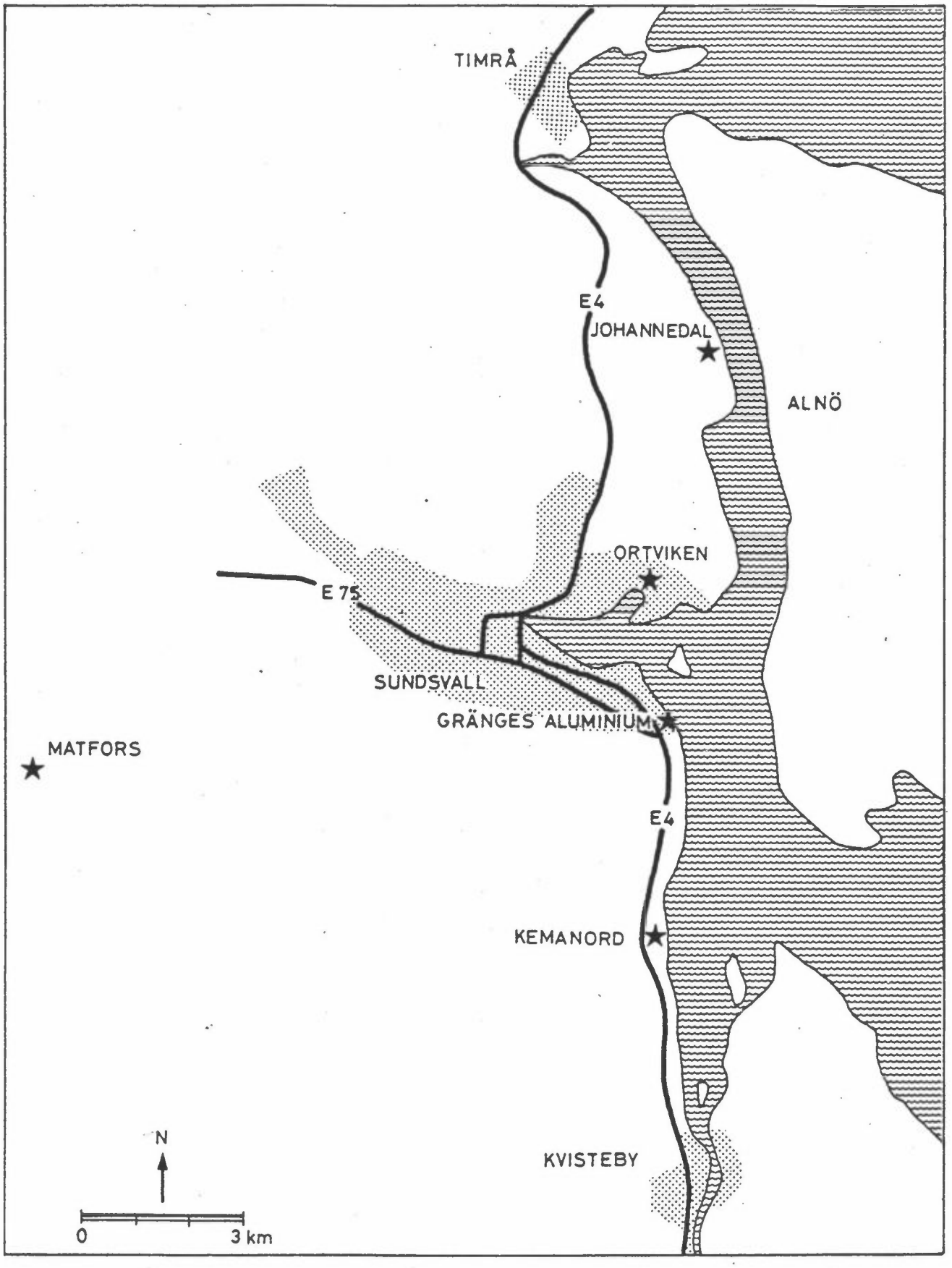


Figure 1: Map of the Sundsvall area showing the main industries in the district.

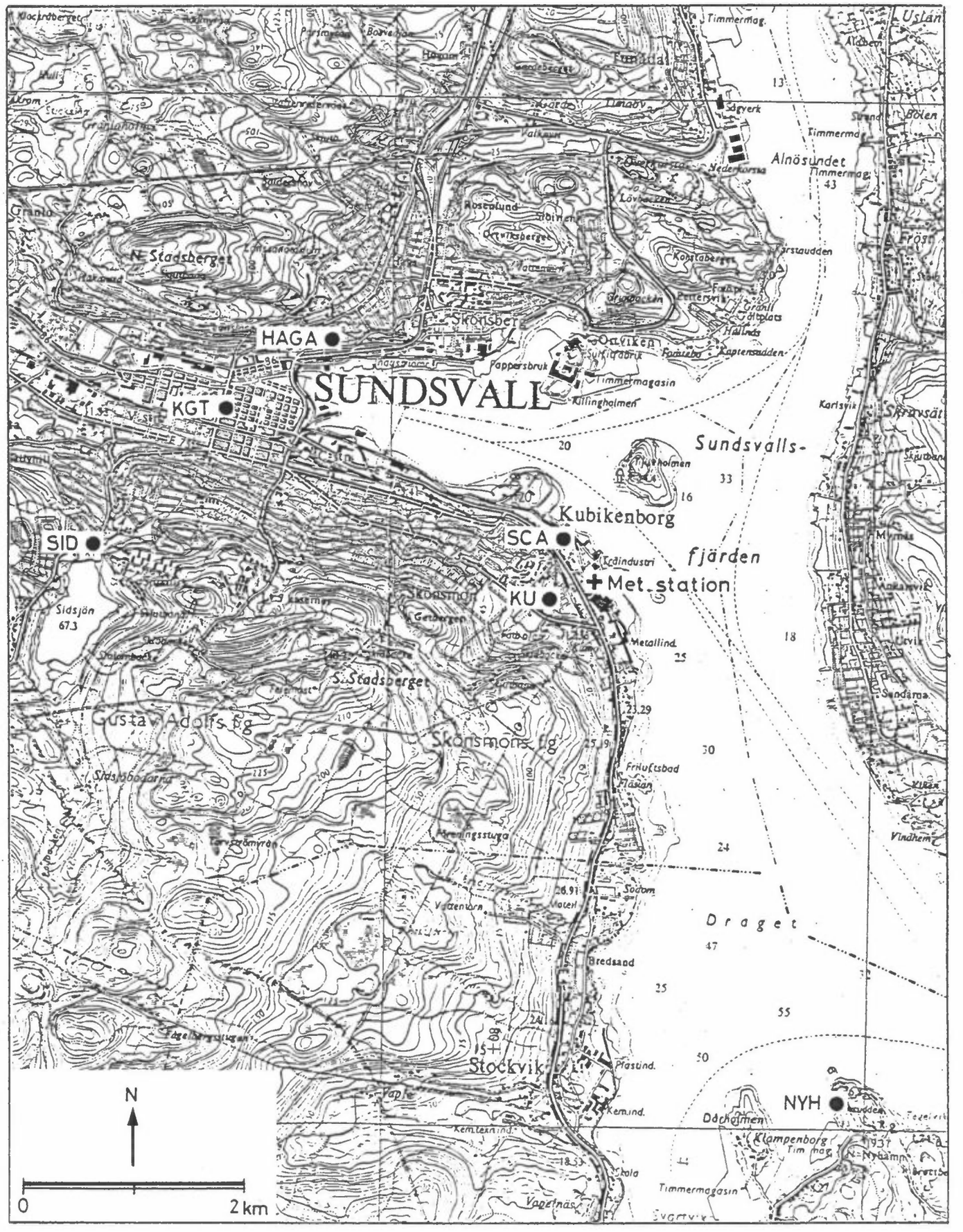


Figure 2: Map of Sundsvall, showing the monitoring stations Kubikenborg (KU), Haga, Köpmansgatan (KGT) and Sidsjön (SID) and the meteorological stations at Gränges Aluminium. The mobile station was shifted between Nyhamnsudden (NYH) and at the research laboratory SCA.

Figure 3: Sampling station at Kubikenborg. The picture is taken towards the west and Gränges Aluminium lies in an easterly direction behind the photographer.

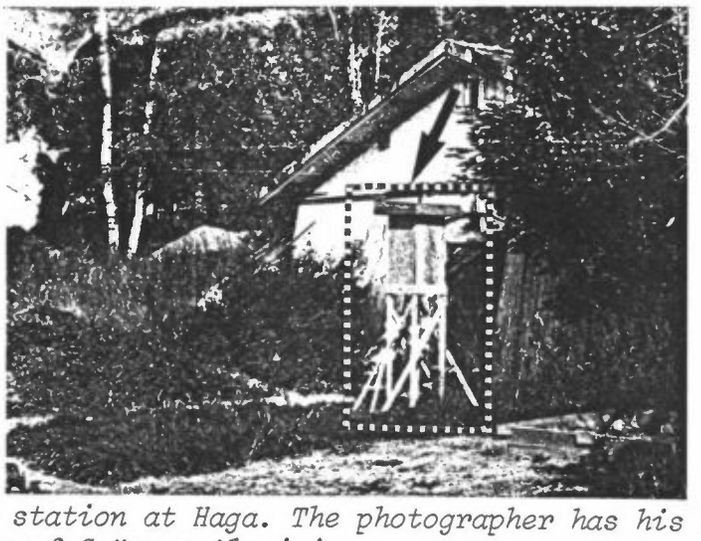


Figure 4: Sampling station at Haga. The photographer has his back in the direction of Gränges Aluminium.

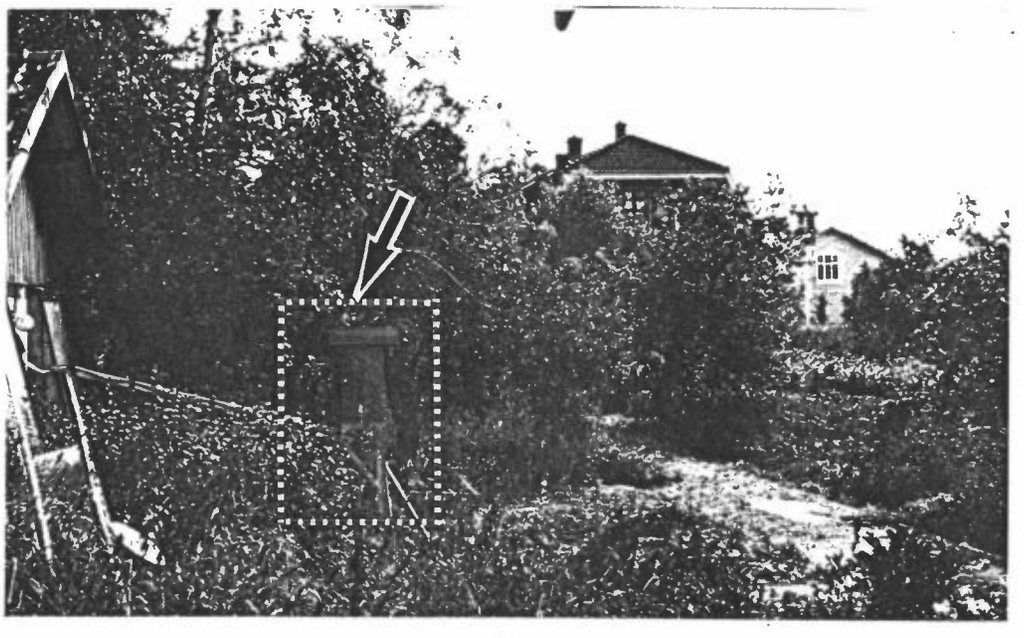


Figure 5: The Haga station. Gränges Aluminium to the right.

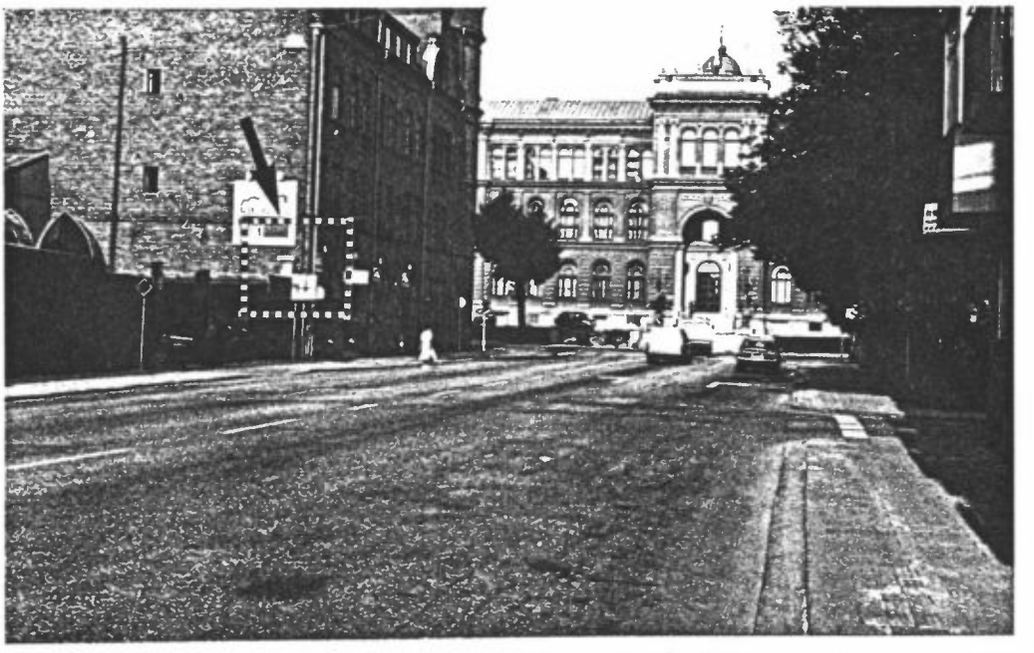


Figure 6: Sampling station at Köpmansgatan. The photographer is standing SEE of the station and the direction to Gränges Aluminium is SE.

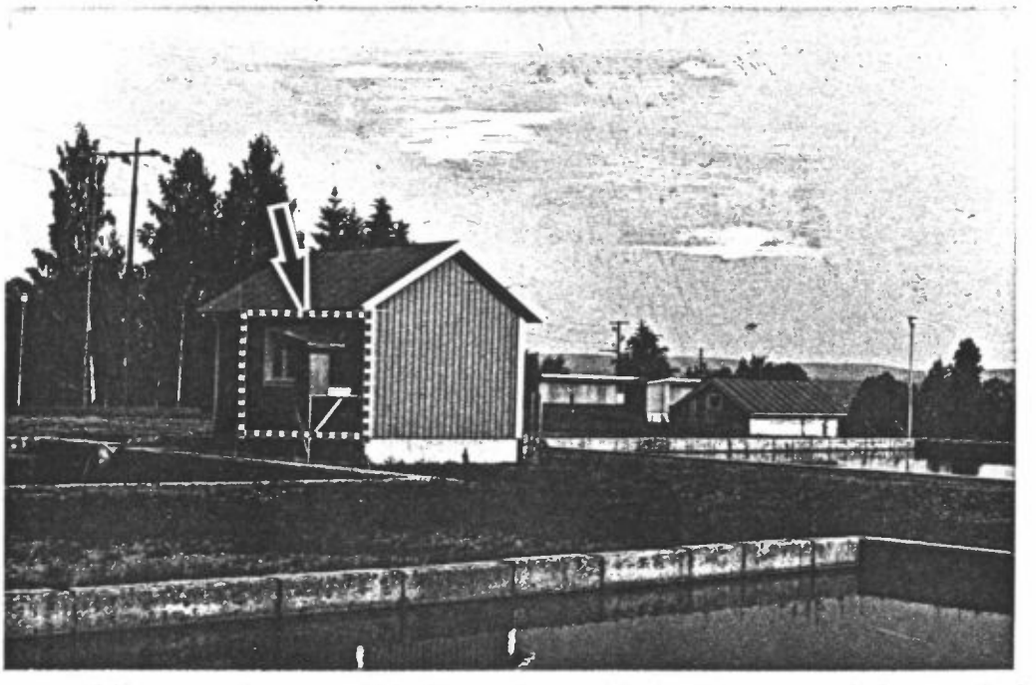


Figure 7: Sampling station at Sidsjön. The wall in the sun without window points in the direction towards Gränges Aluminium.

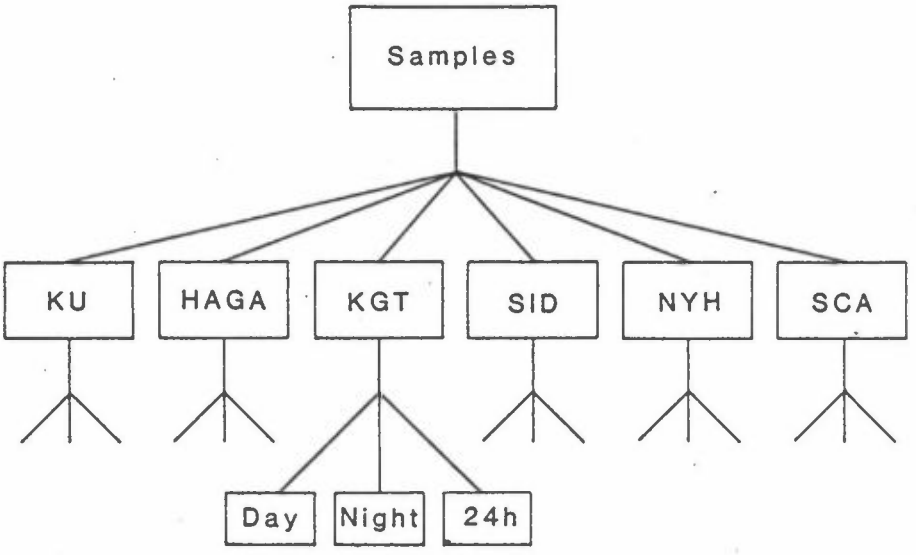


Figure 8: Schematic diagram showing the groups of samples prepared for the statistical analyses.

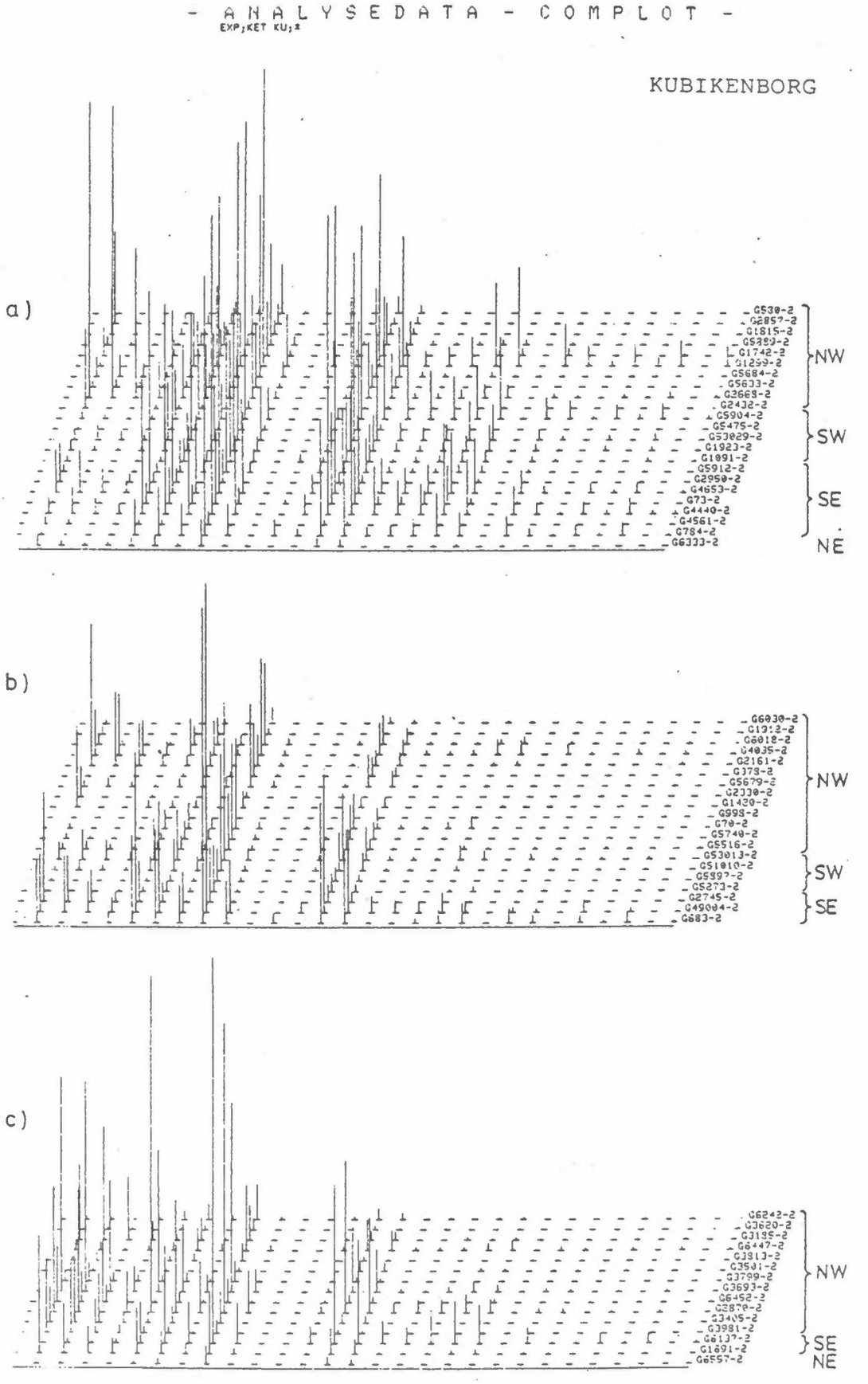


Figure 9: Illustration of the variation of concentrations with the wind direction. The day -(a), night-(b) and 24 hour-(c) samples collected at the four stations have been grouped according to the main wind direction during sampling. The components are arranged along the horisontal axis in the same order as in the listings in the appendix. The length of the vertical lines represents the concentrations of fluoride and each of the PAH.

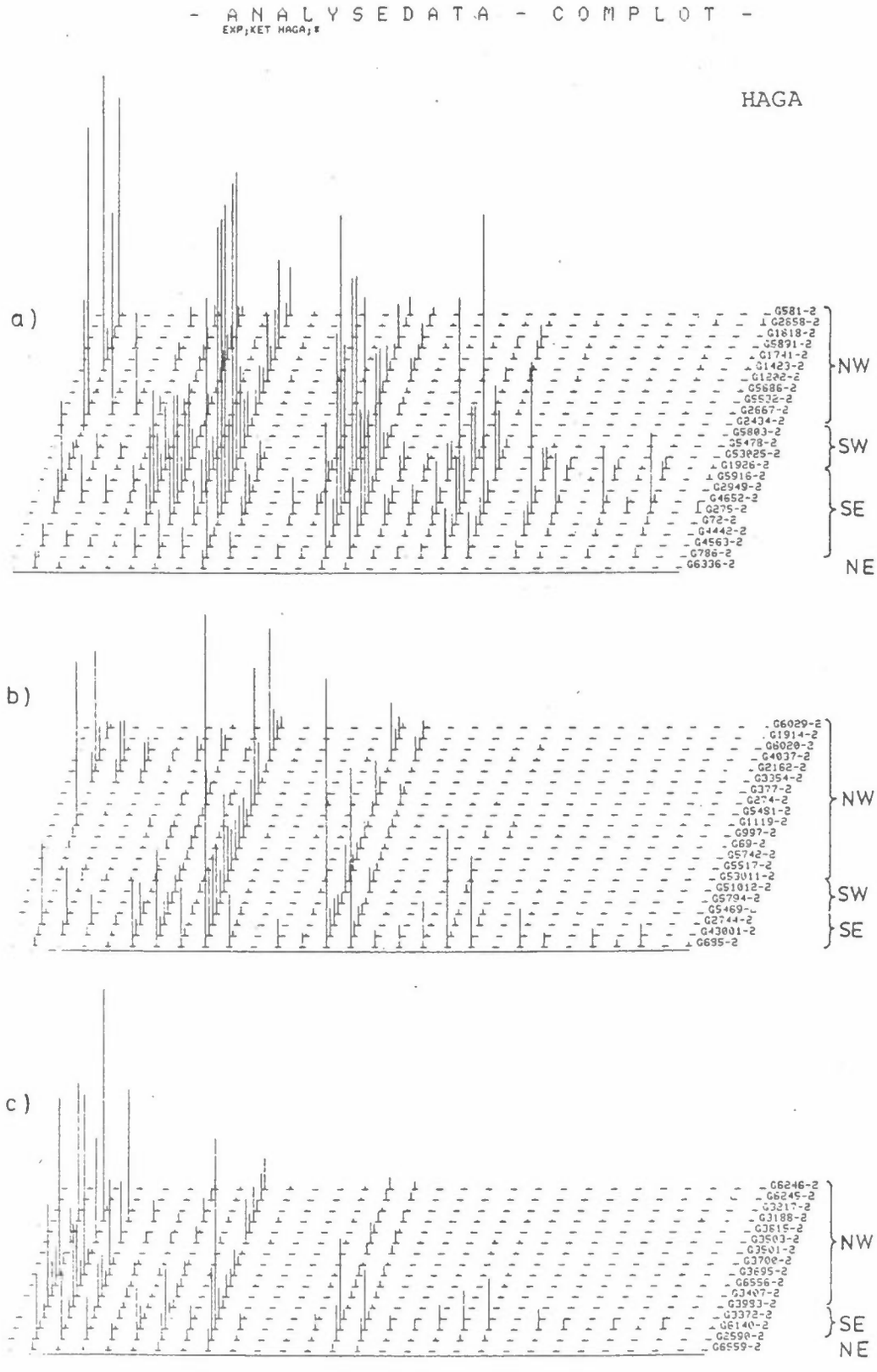


Figure 9 cont.

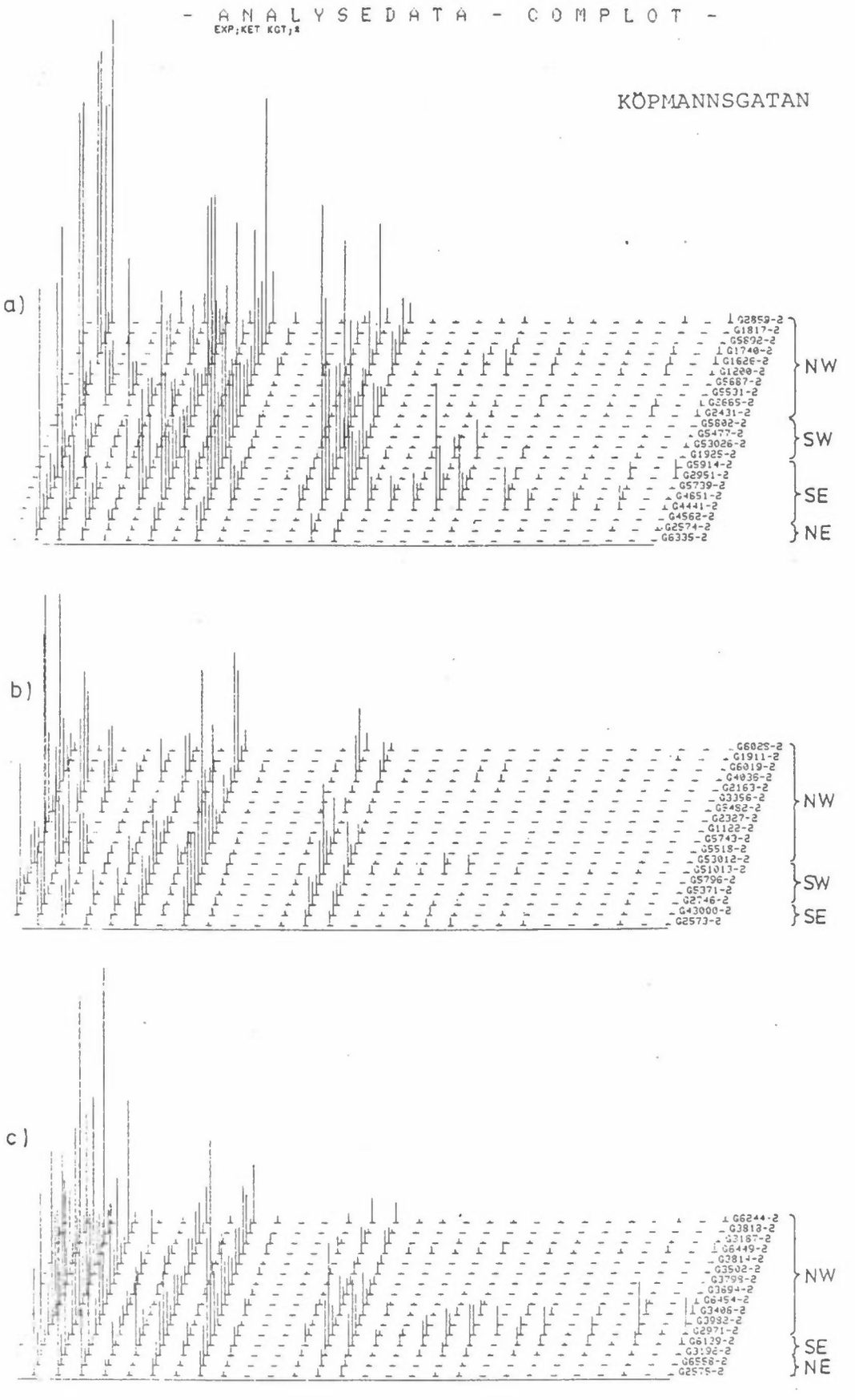


Figure 9 cont.

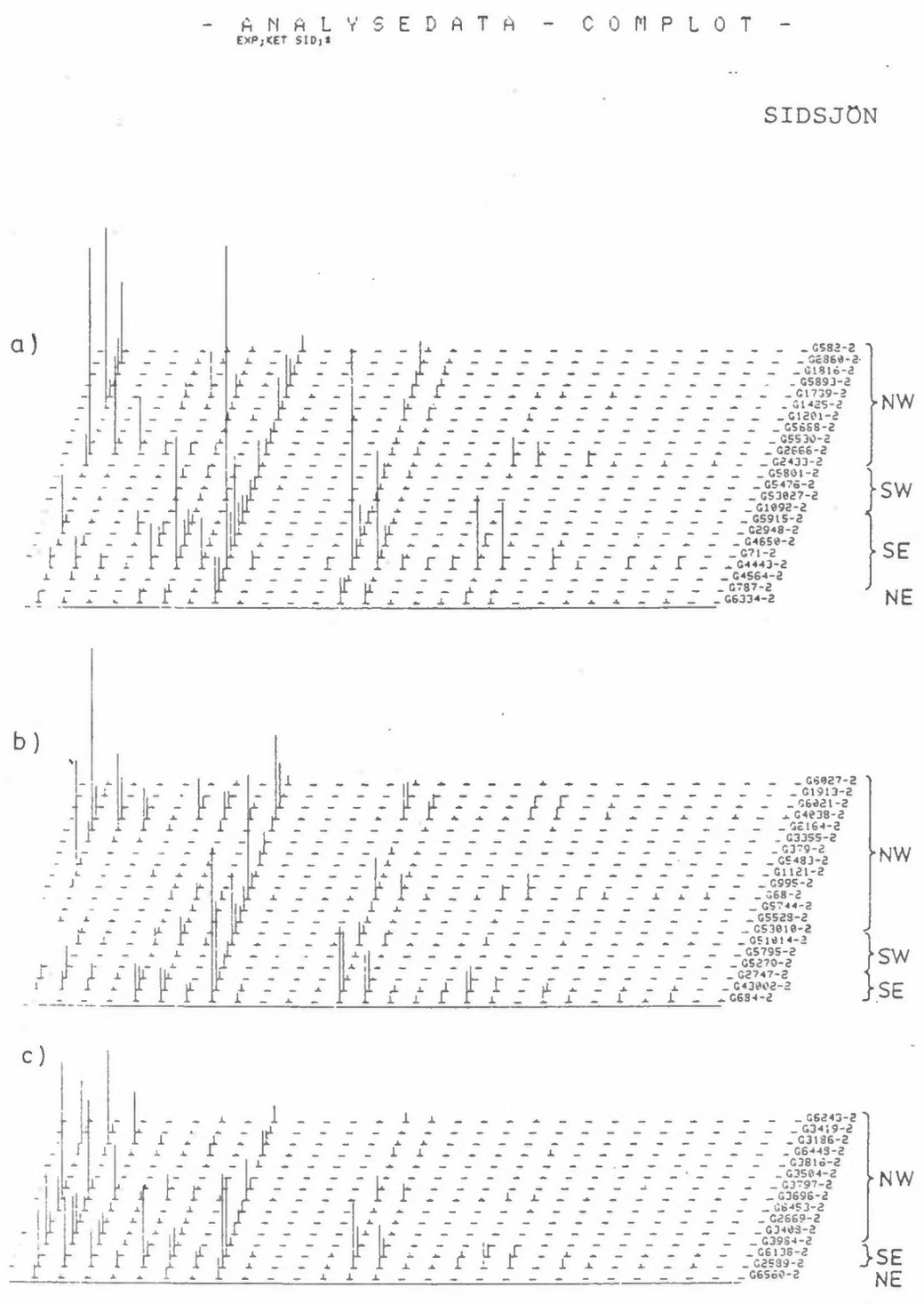


Figure 9 cont.

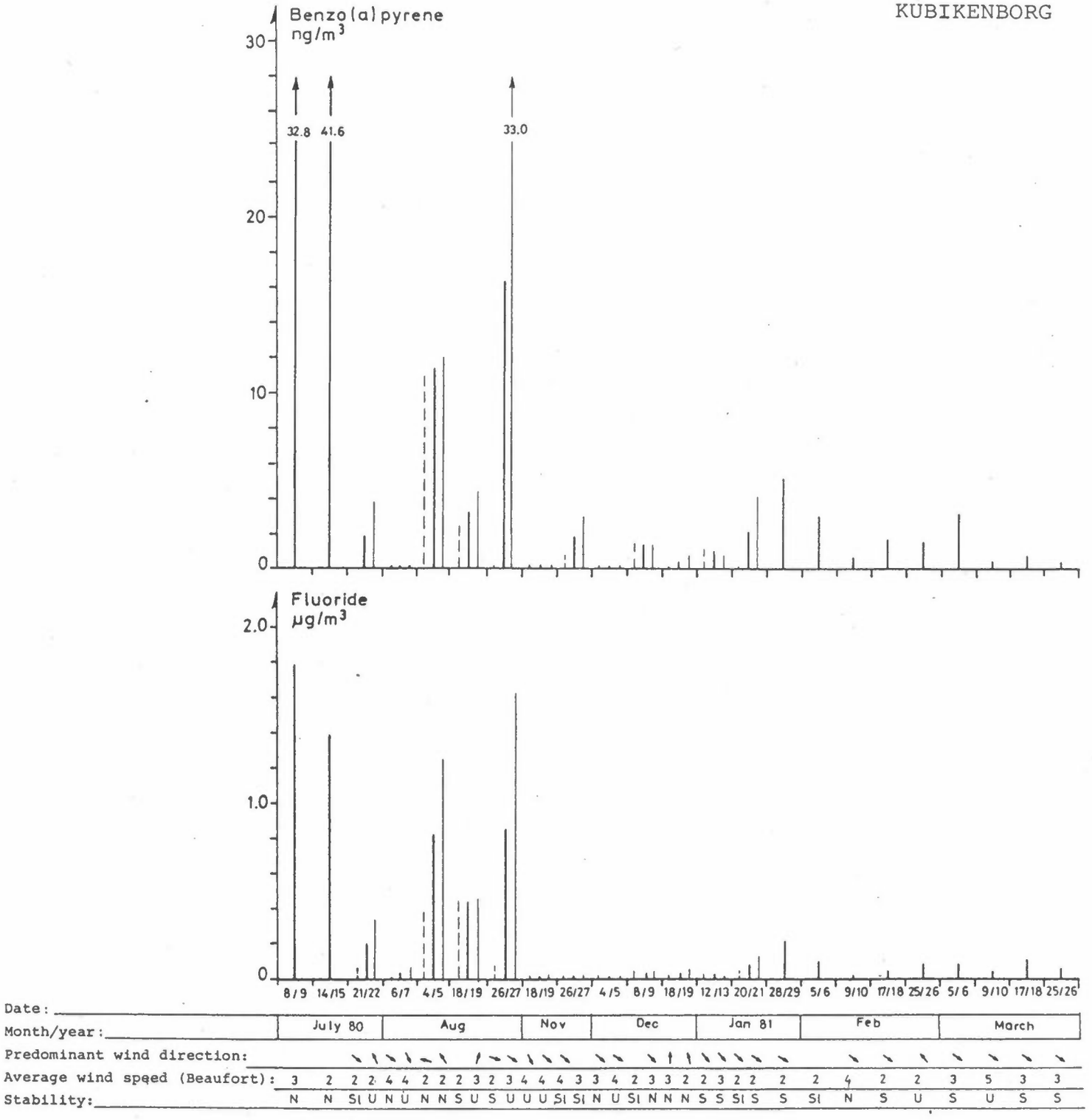


Figure 10: Measured concentrations of BaP and fluoride for each day and station during the monitoring period in Sundsvall 1980-81. The main wind direction in decagrades, average wind-speed in Beaufort and stability of the air are included in the figure. N = neutral, S = stable, Sl = Slightly stable, U = unstable.

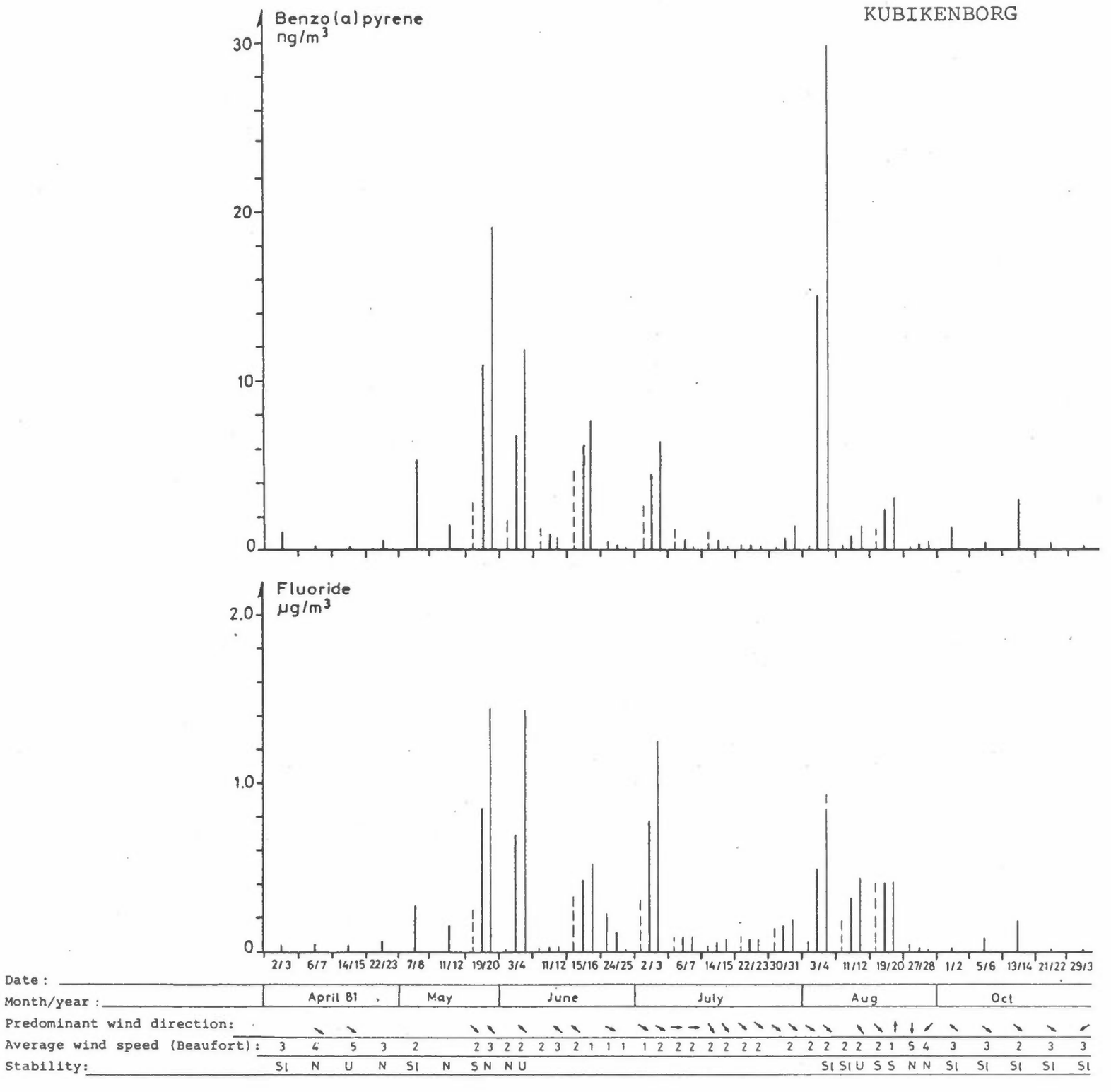


Figure 10 cont.

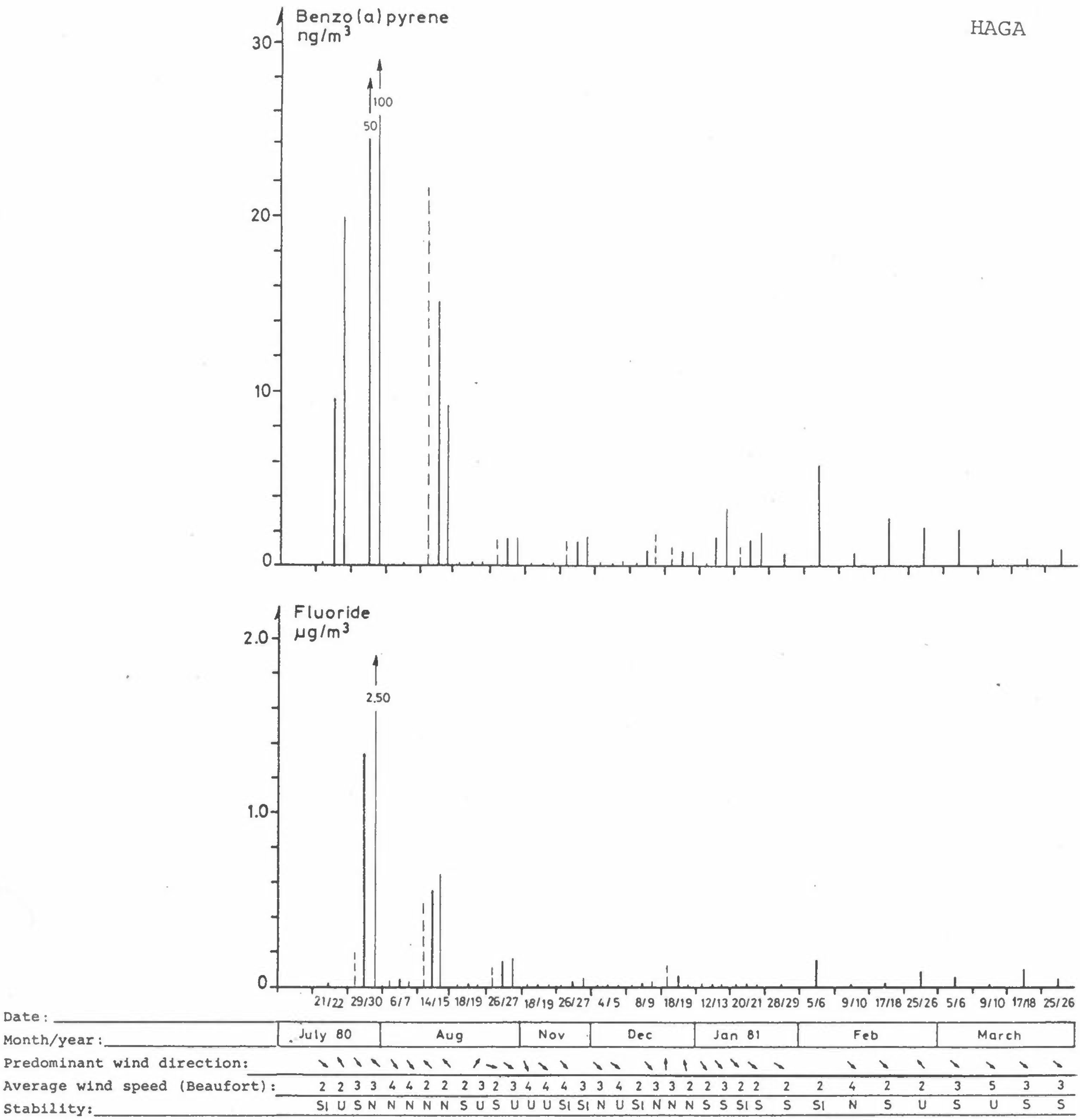


Figure 10 cont.

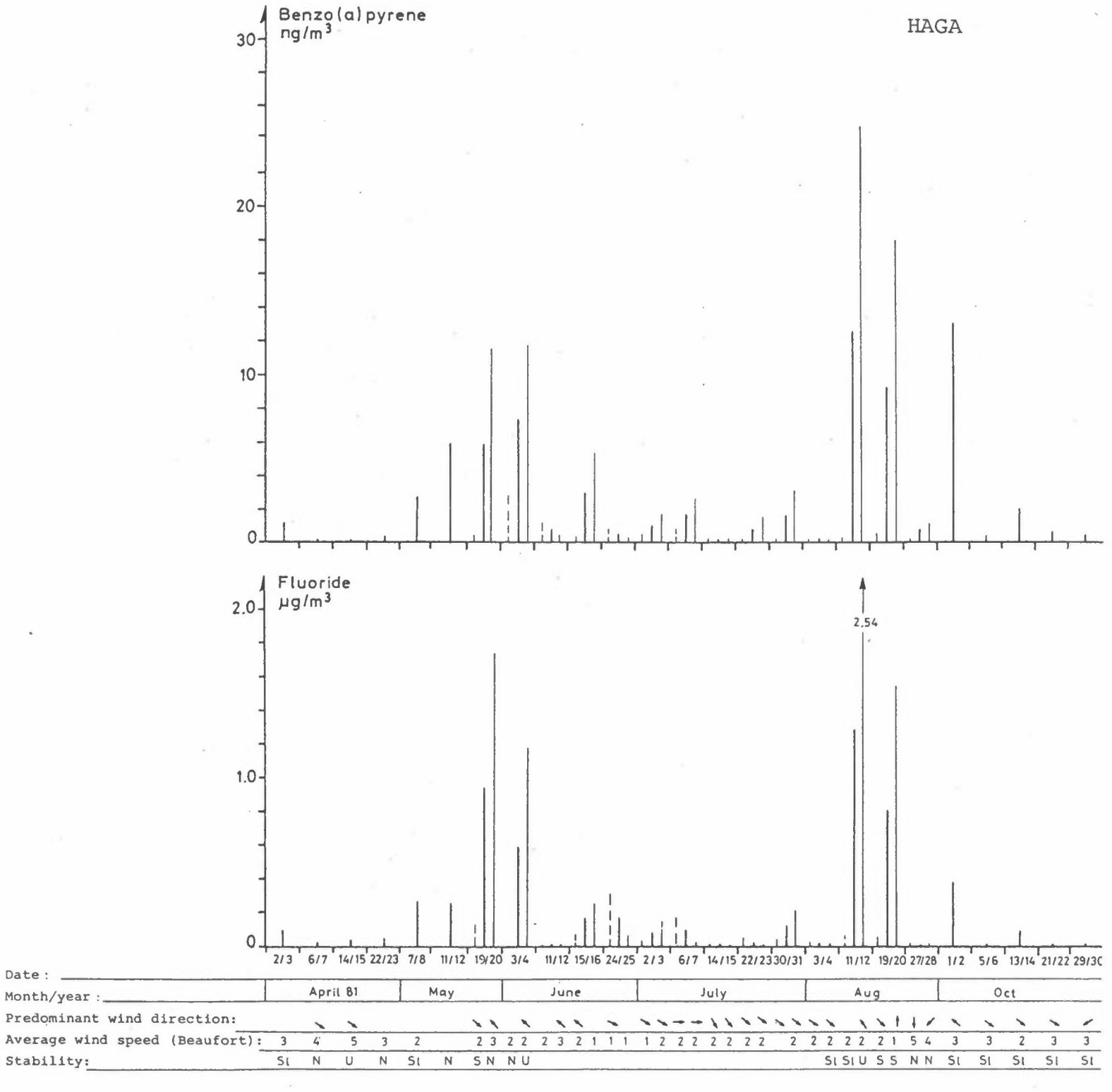


Figure 10 cont.

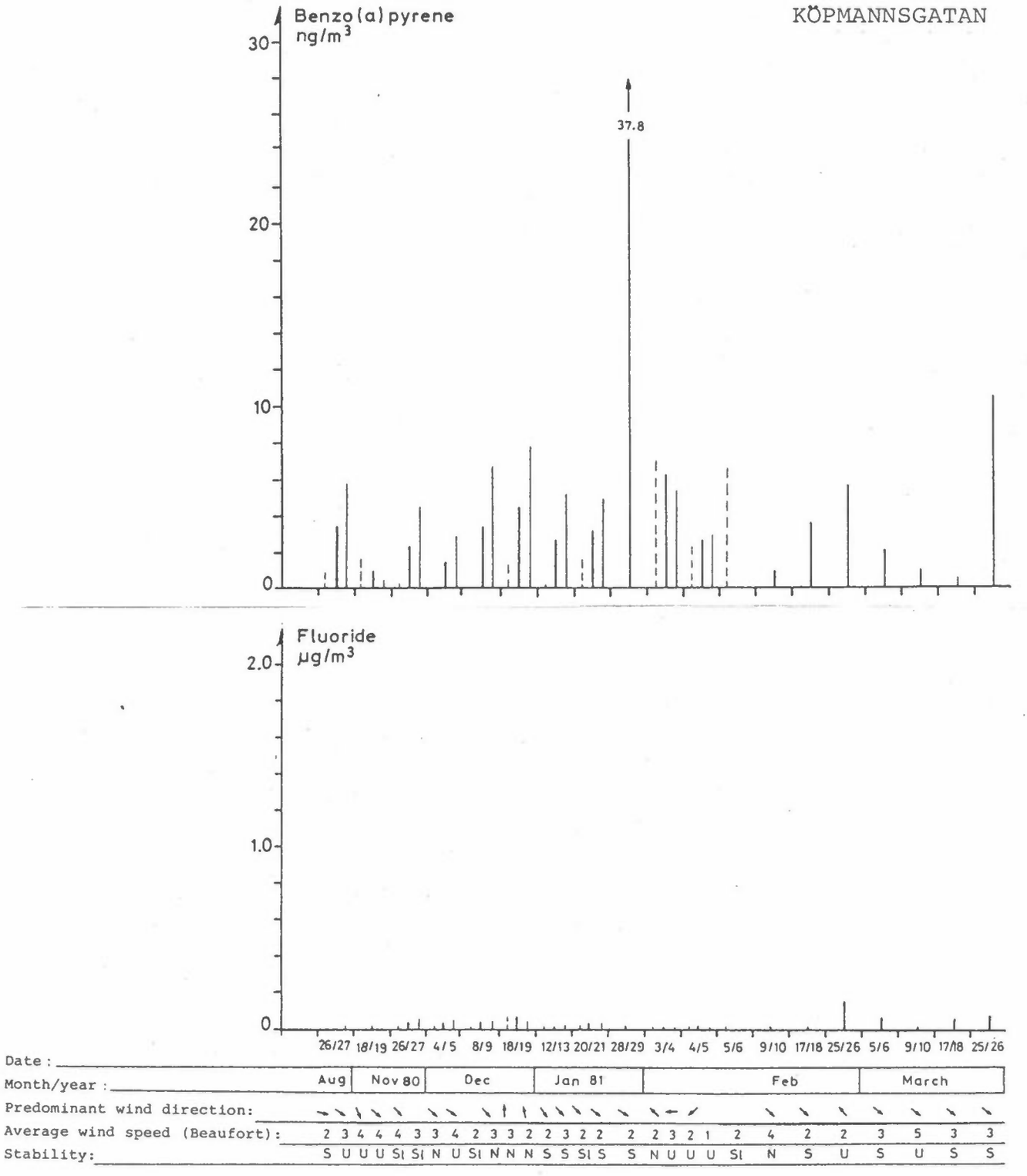


Figure 10 cont.

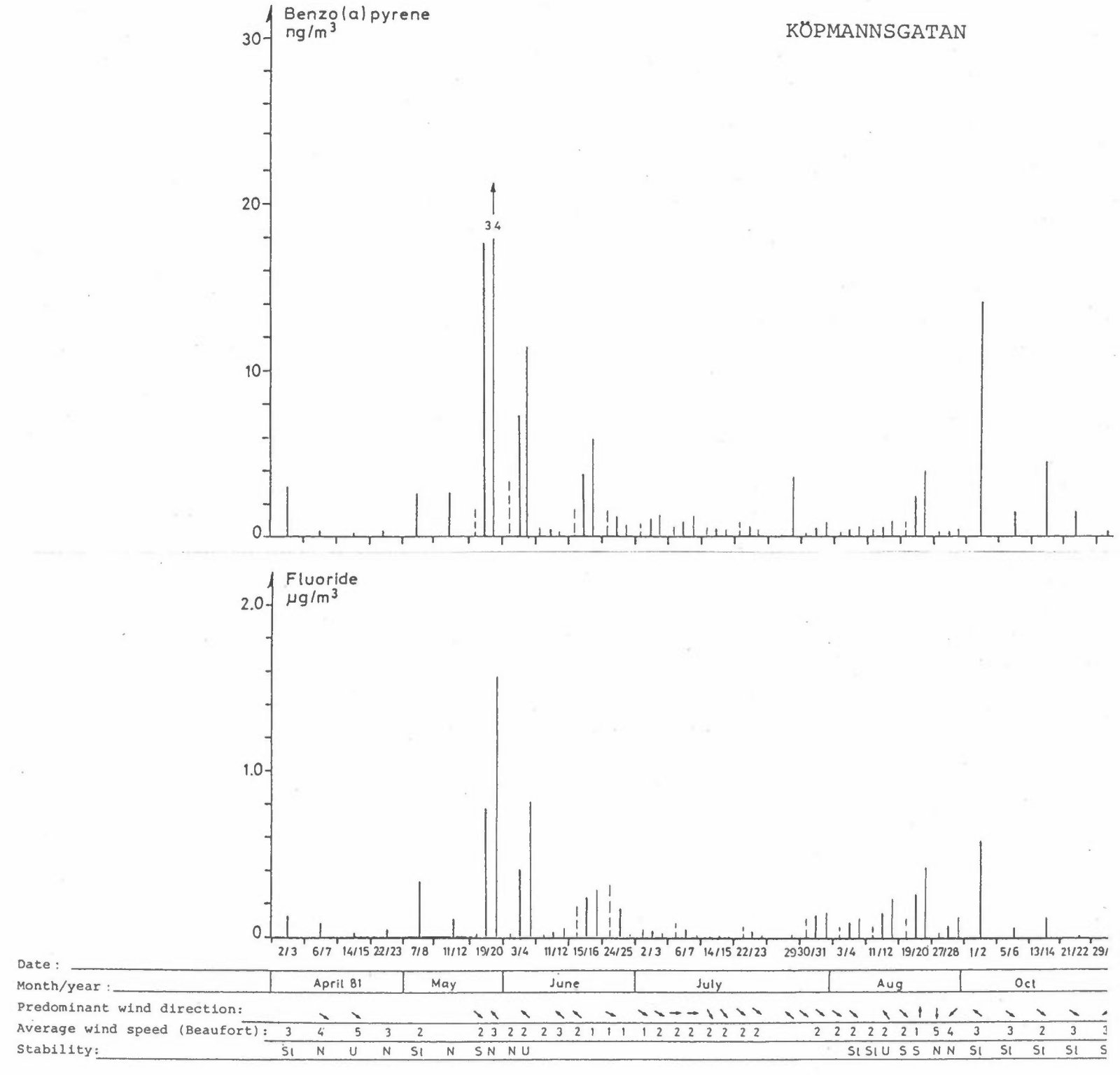


Figure 10 cont.

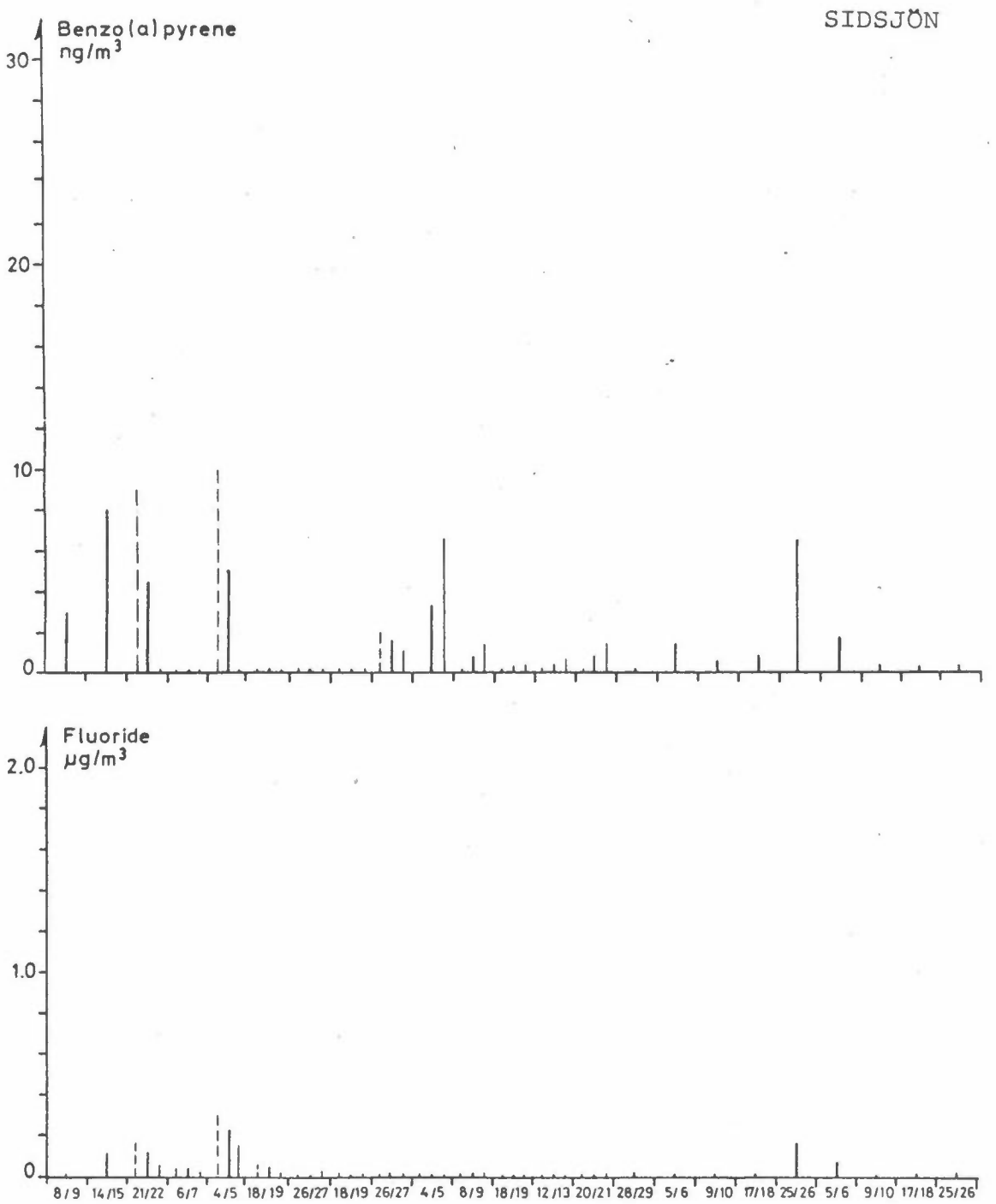


Figure 10 cont.

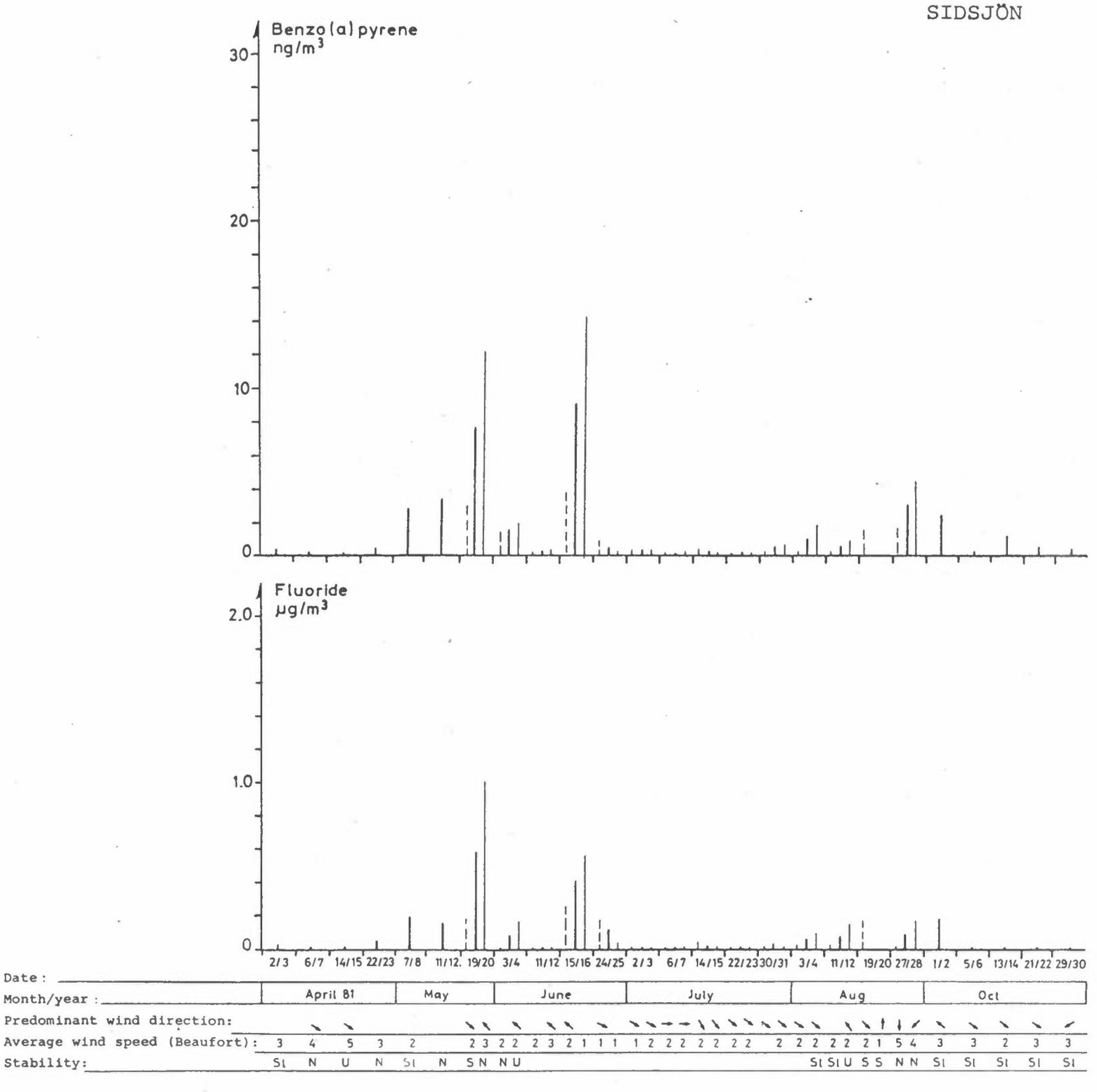
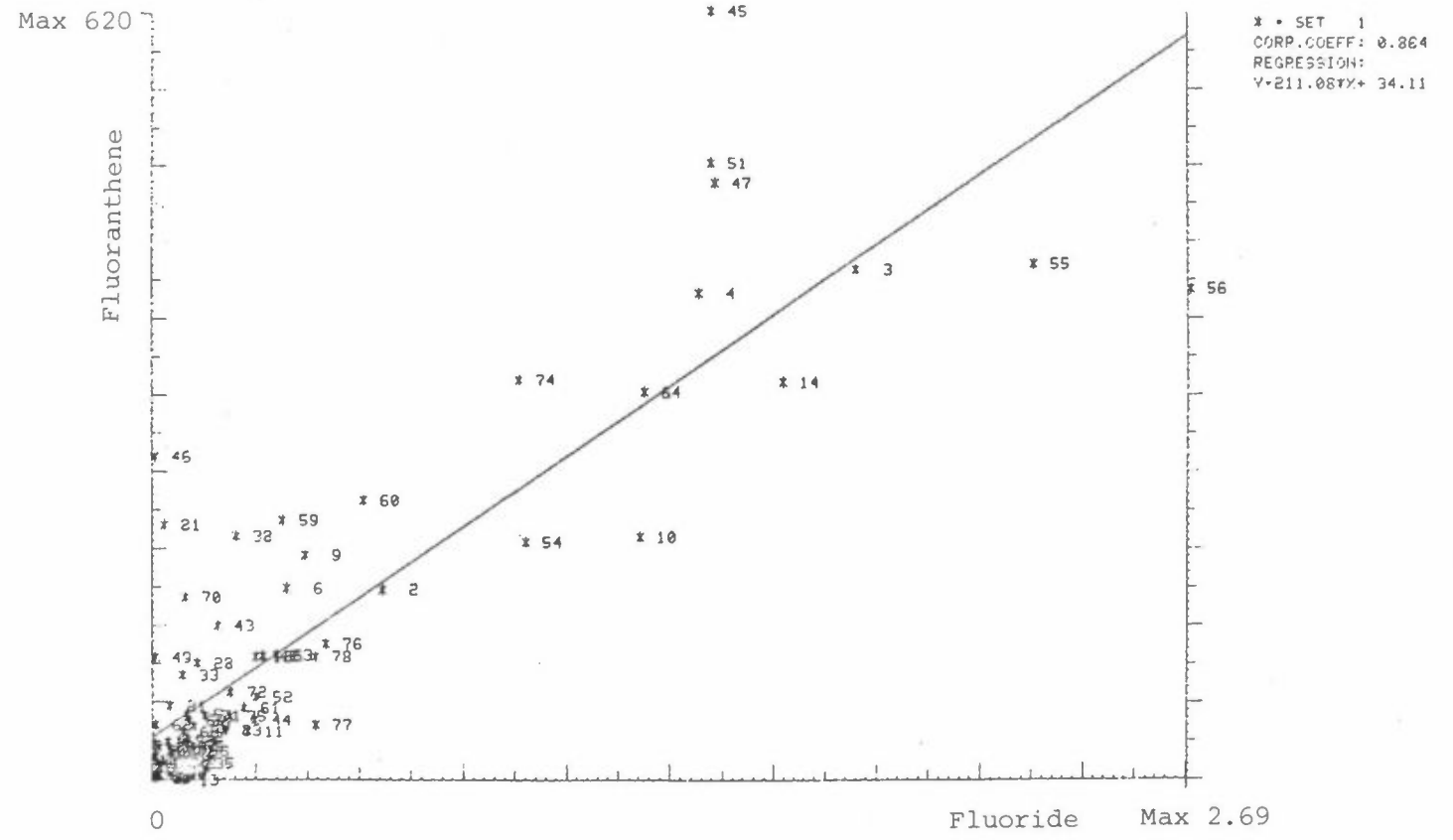


Figure 10 cont.

Kubikenborg



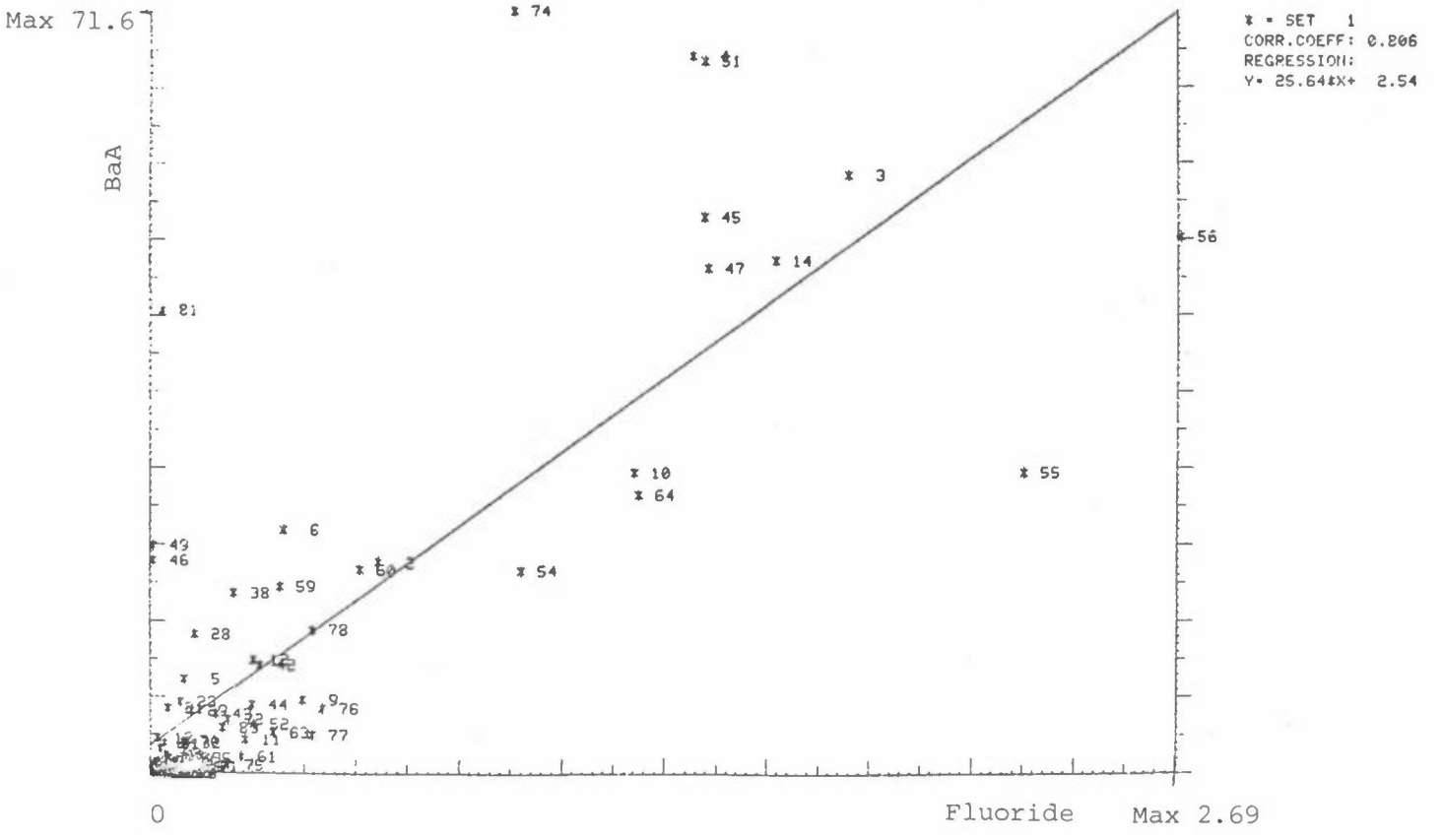
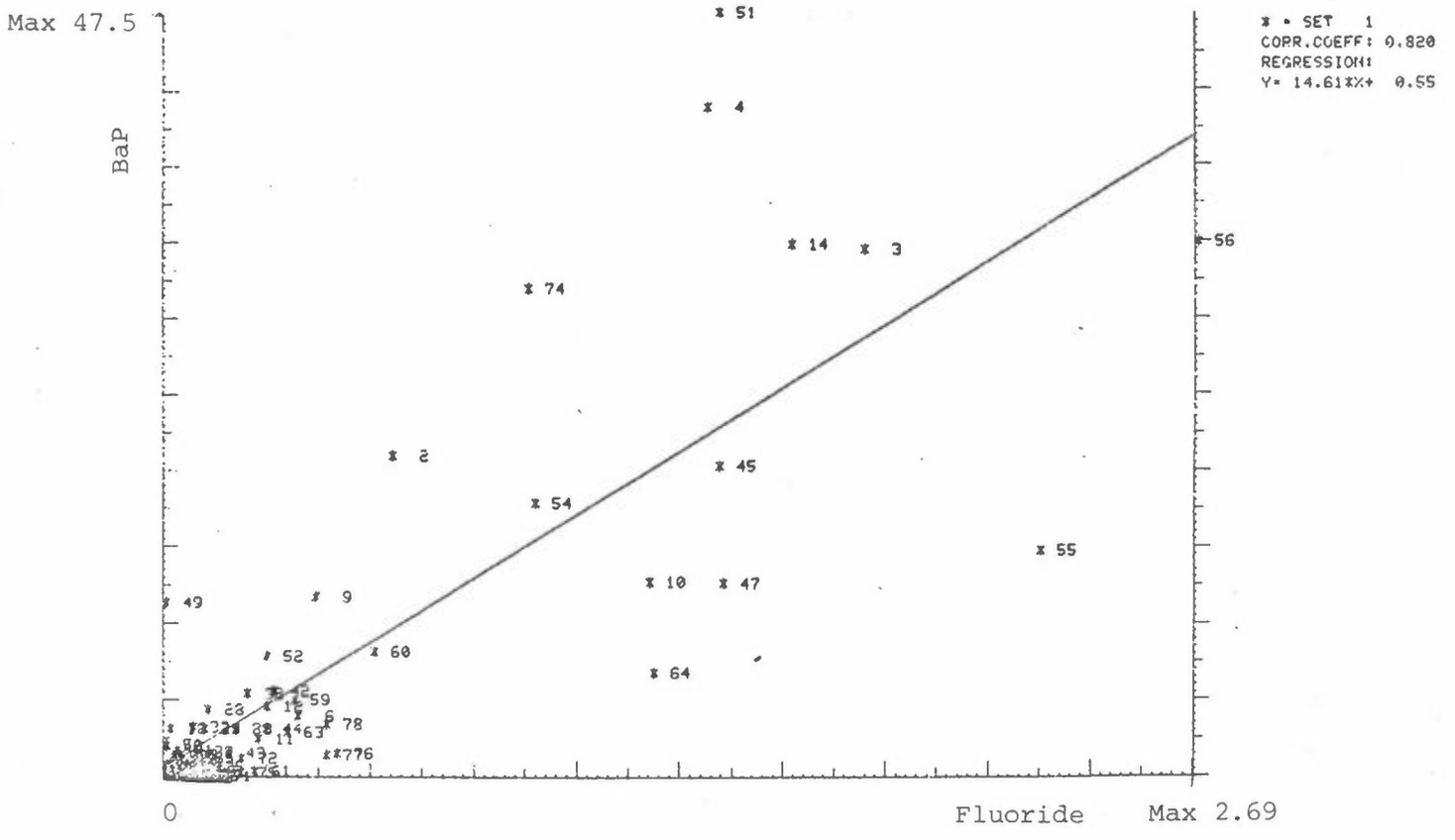


Figure 11: Regression analyses between the concentrations of fluoride (µg/m³) and the PAH compounds (ng/m³): fluoranthene, benzo(a)anthracene (BaA), BaP and coronene for the four stations. The regression equations and the correlation coefficients are given in the figure. The numerals indicate the sample numbers in the working file, and may be ignored.

Kubikenborg



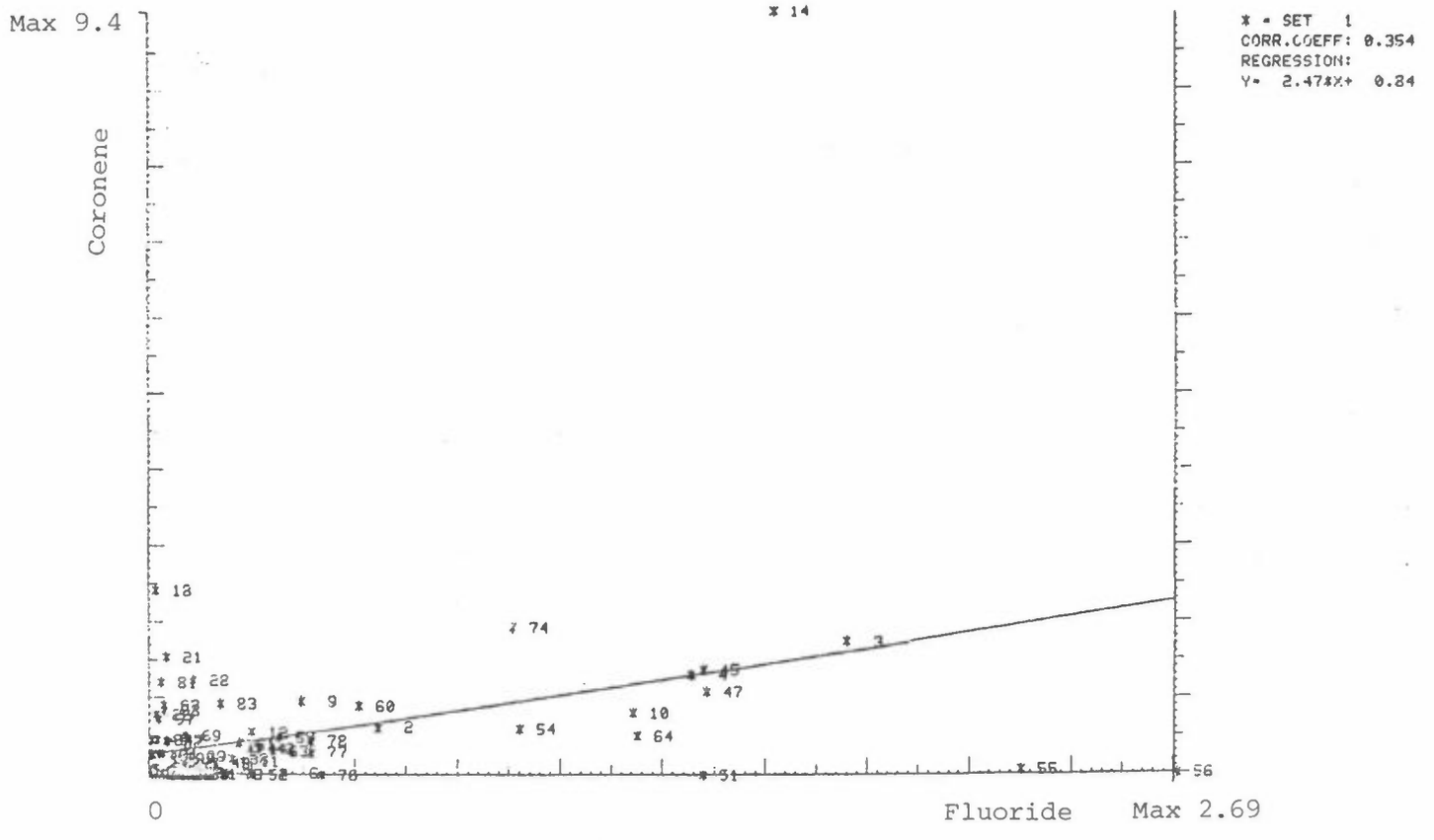
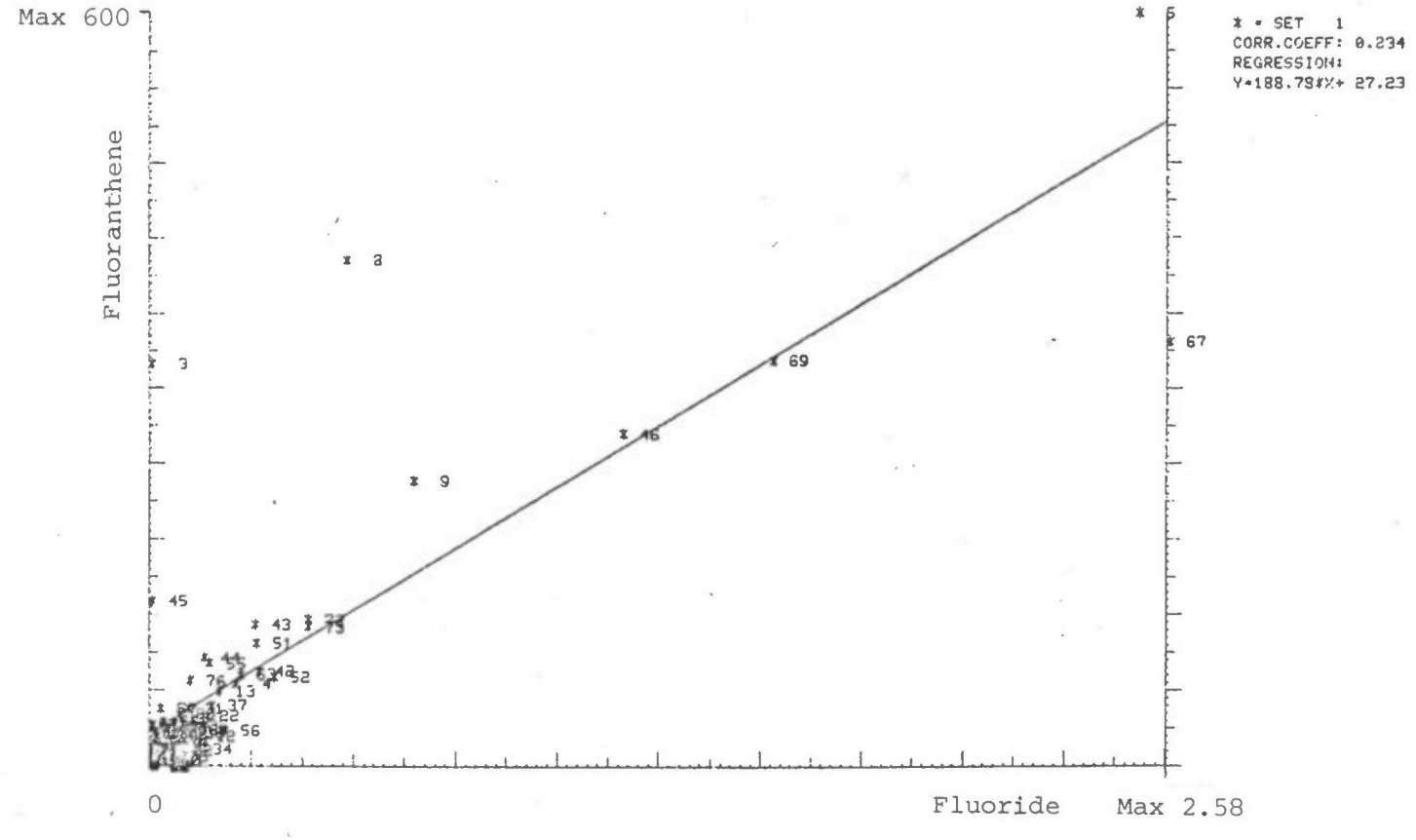


Figure 11 cont.

Haga



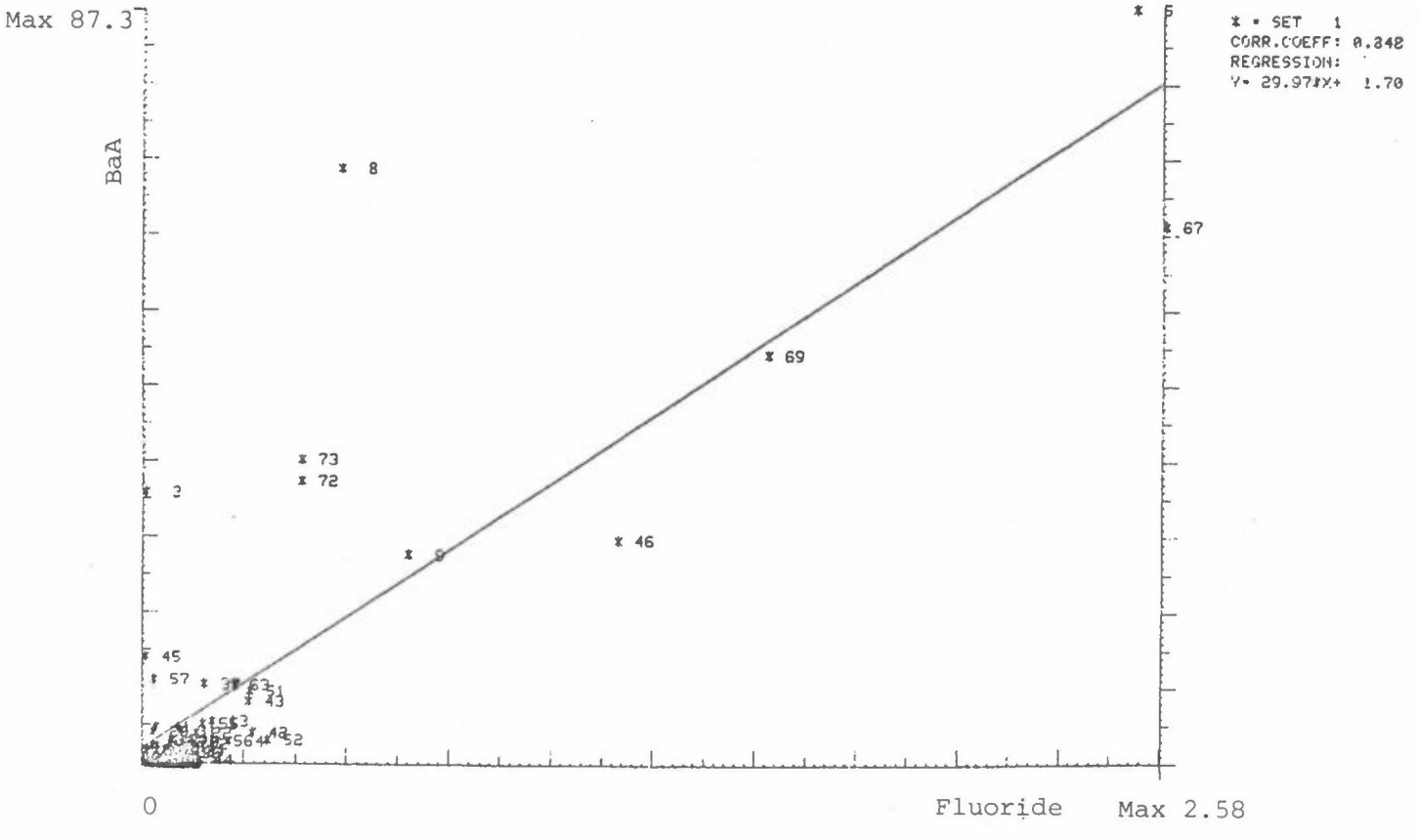
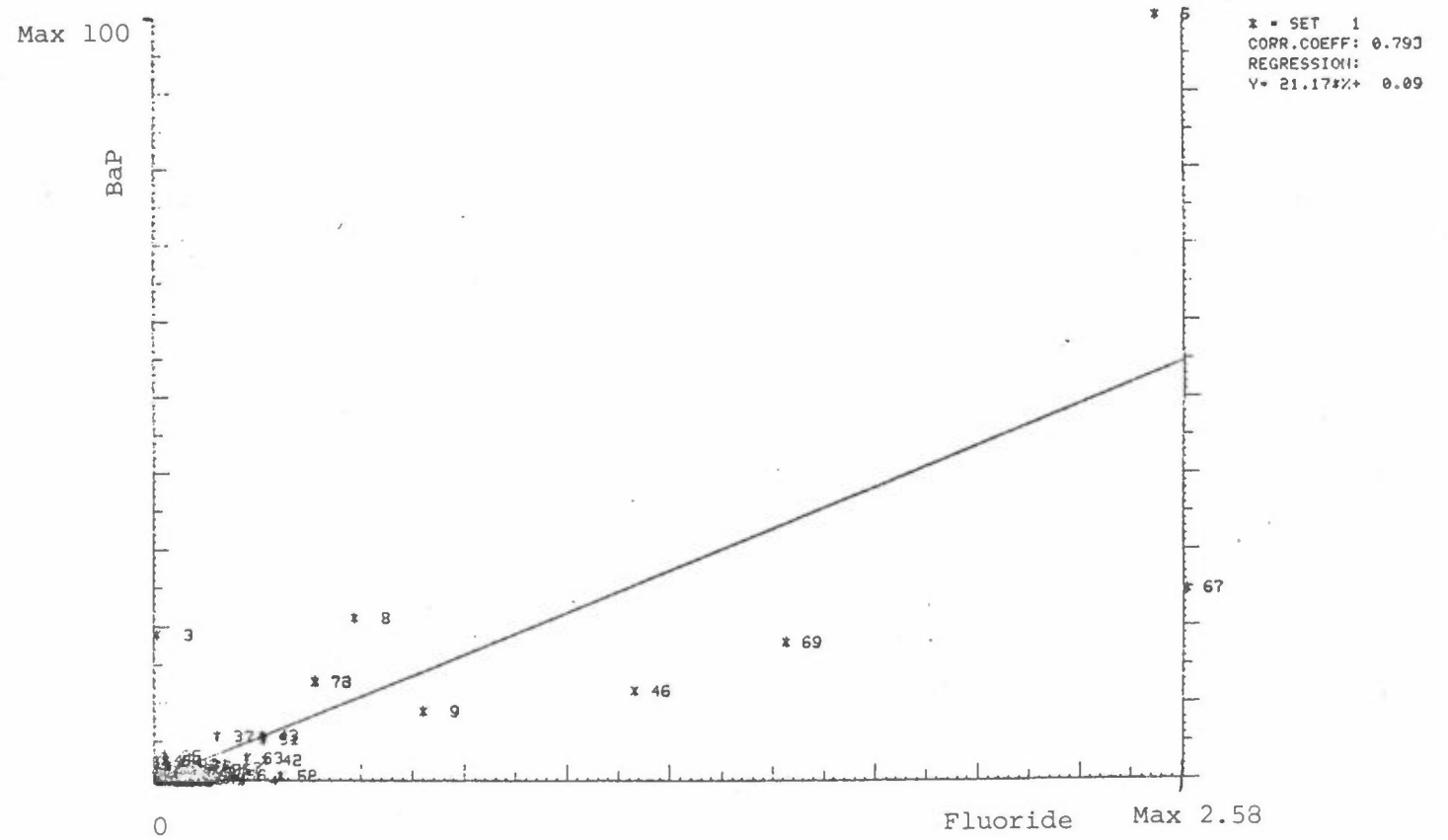


Figure 11 cont.

Haga



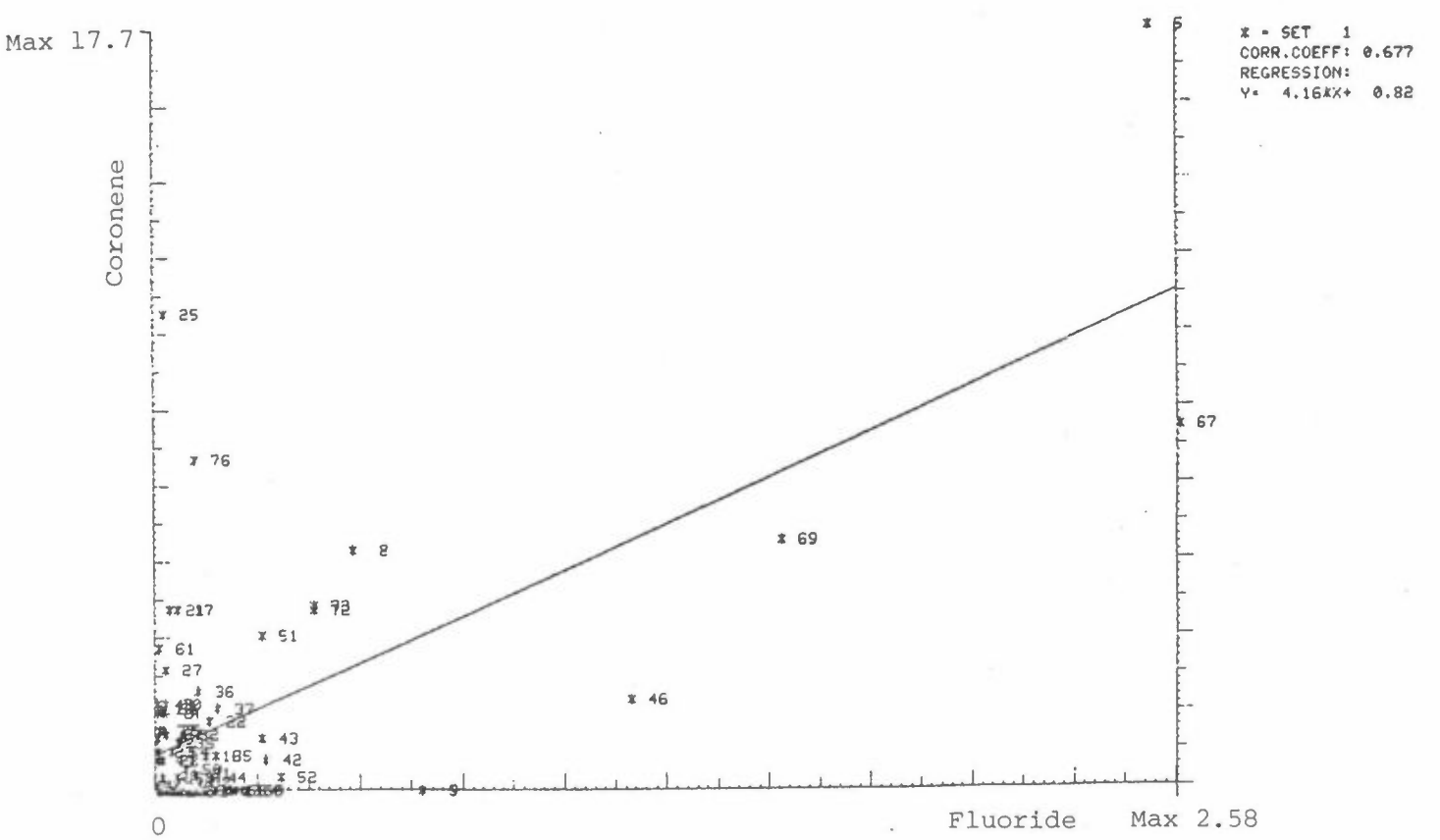
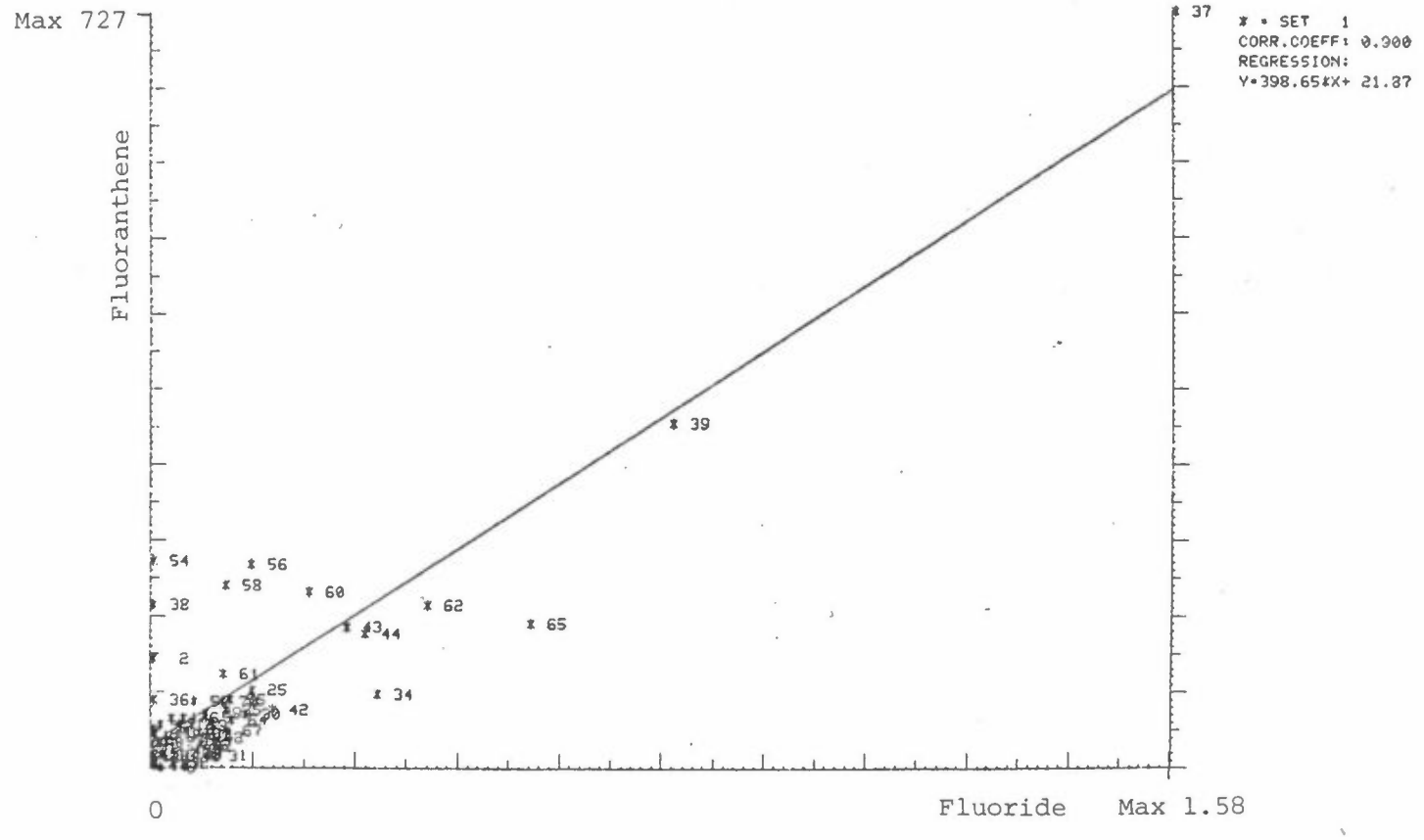


Figure 11 cont.

Köpmansgatan



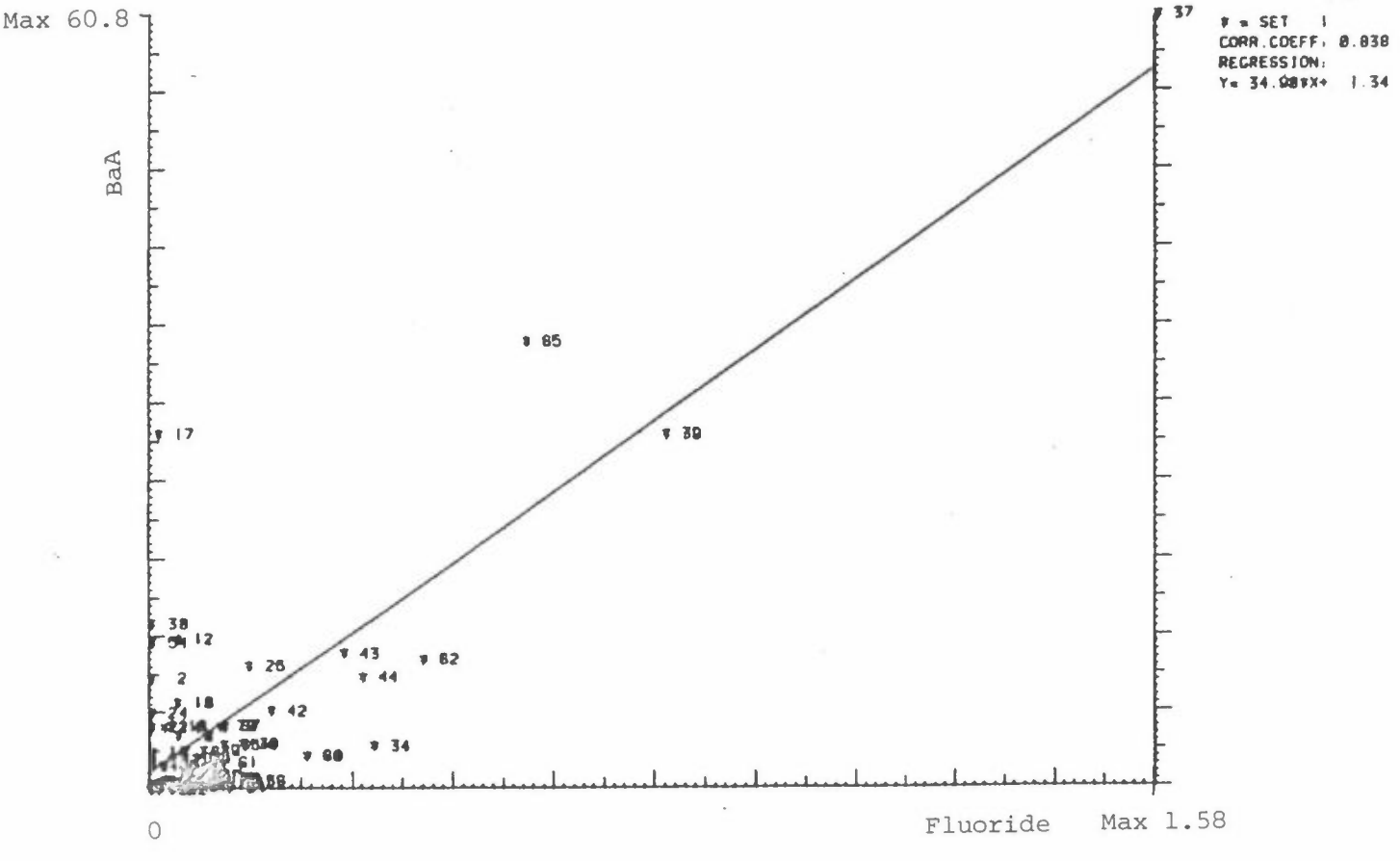
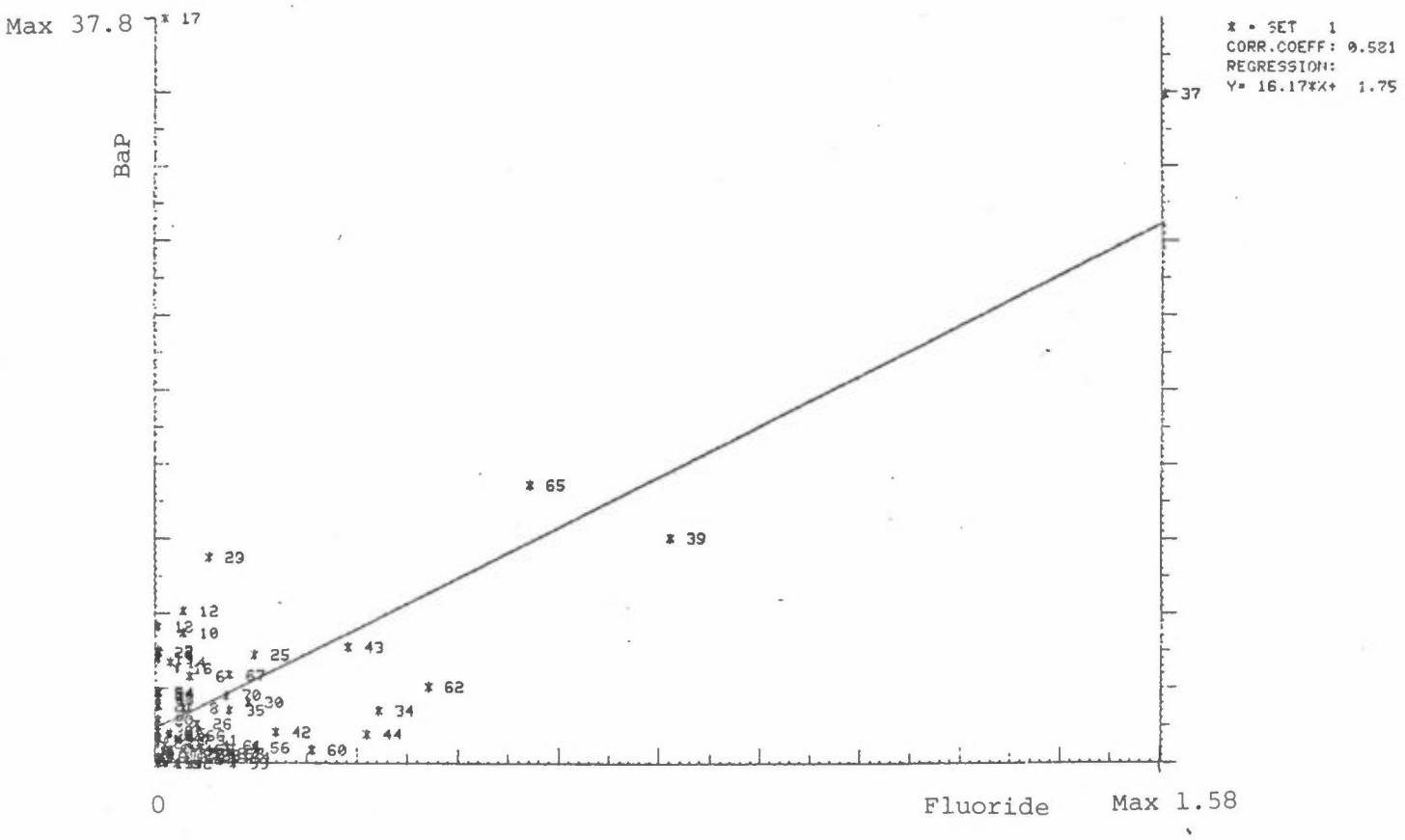


Figure 11 cont.

Köpmansgatan



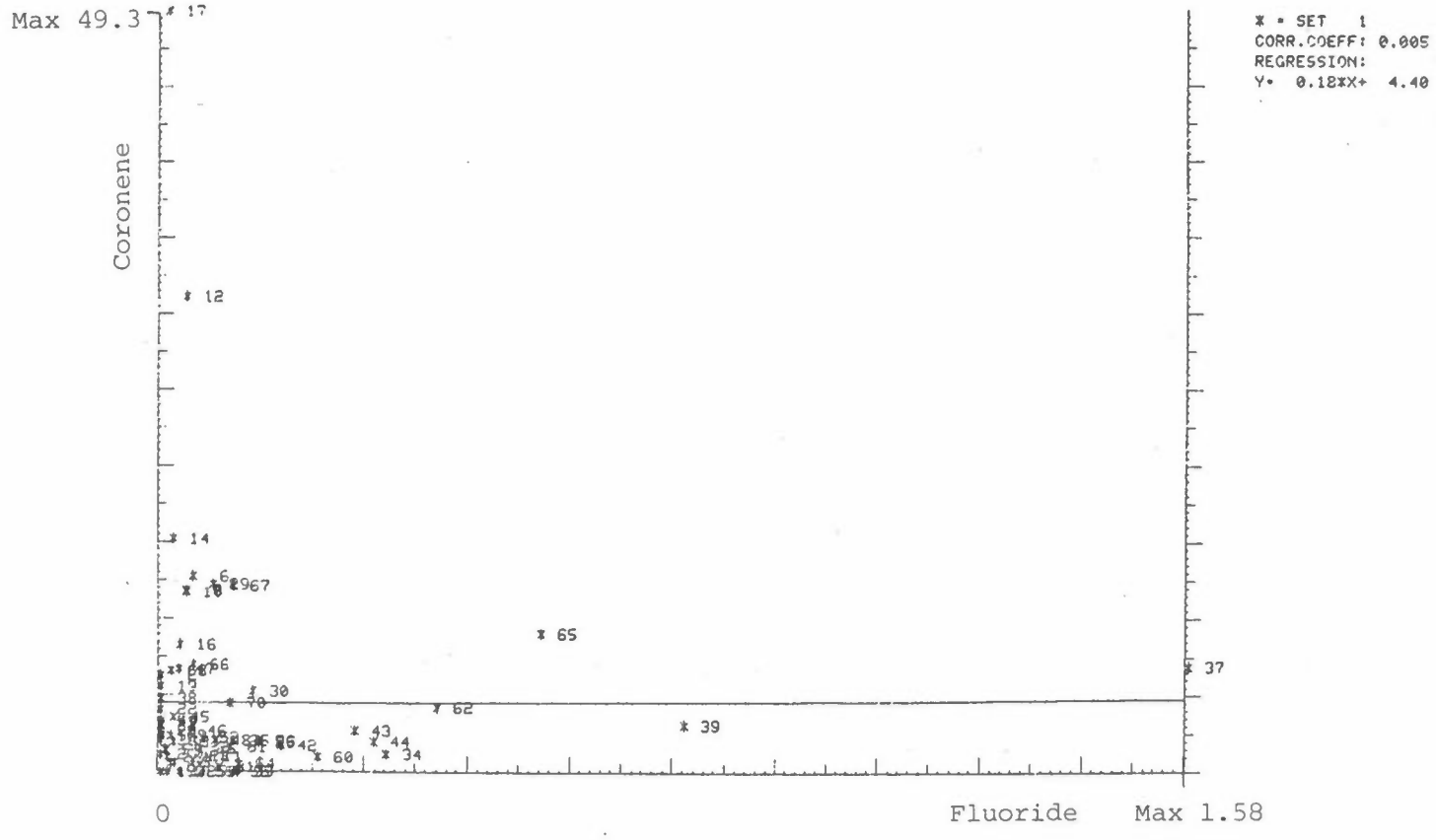
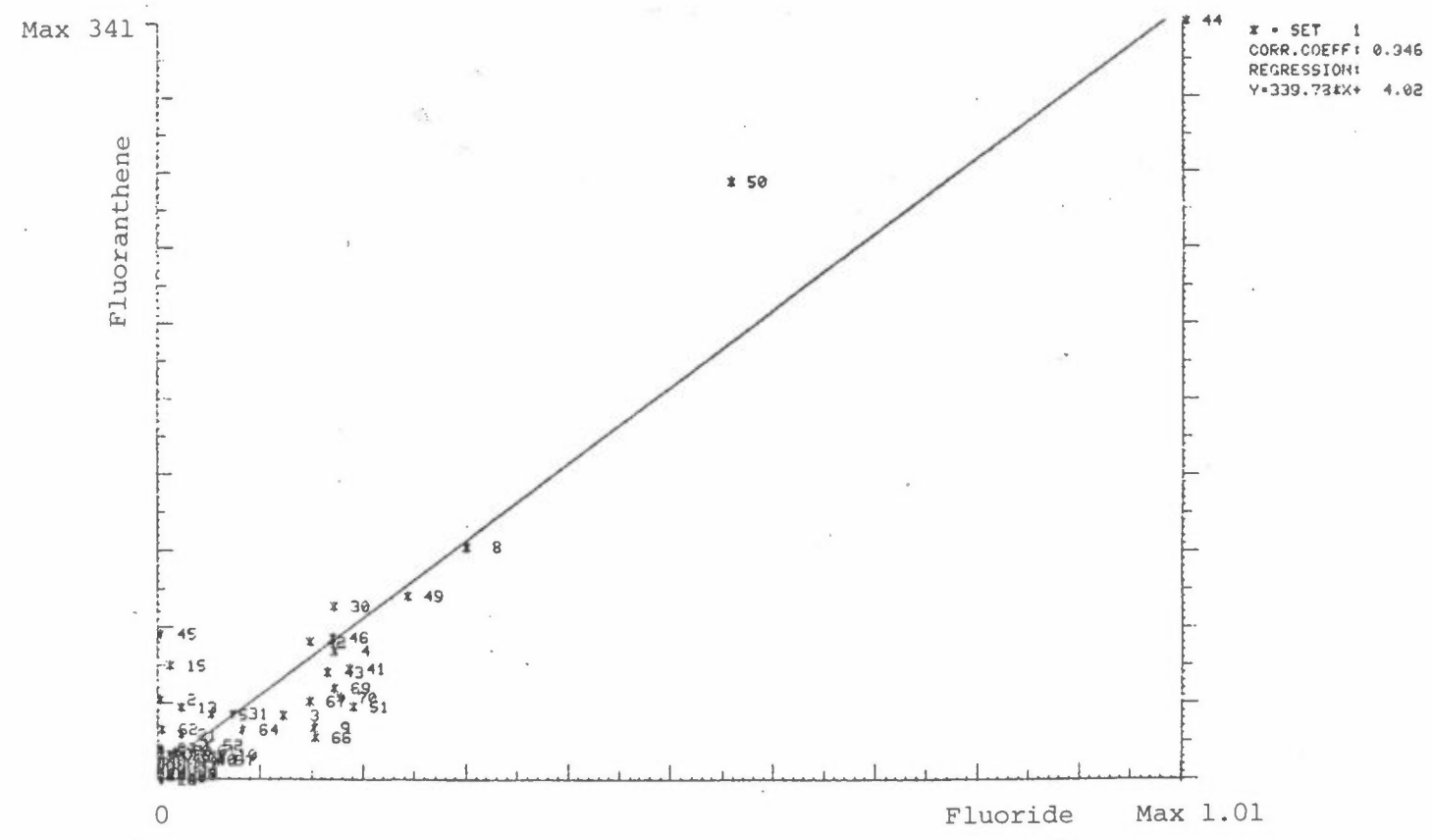


Figure 11 cont.

Sidsjön



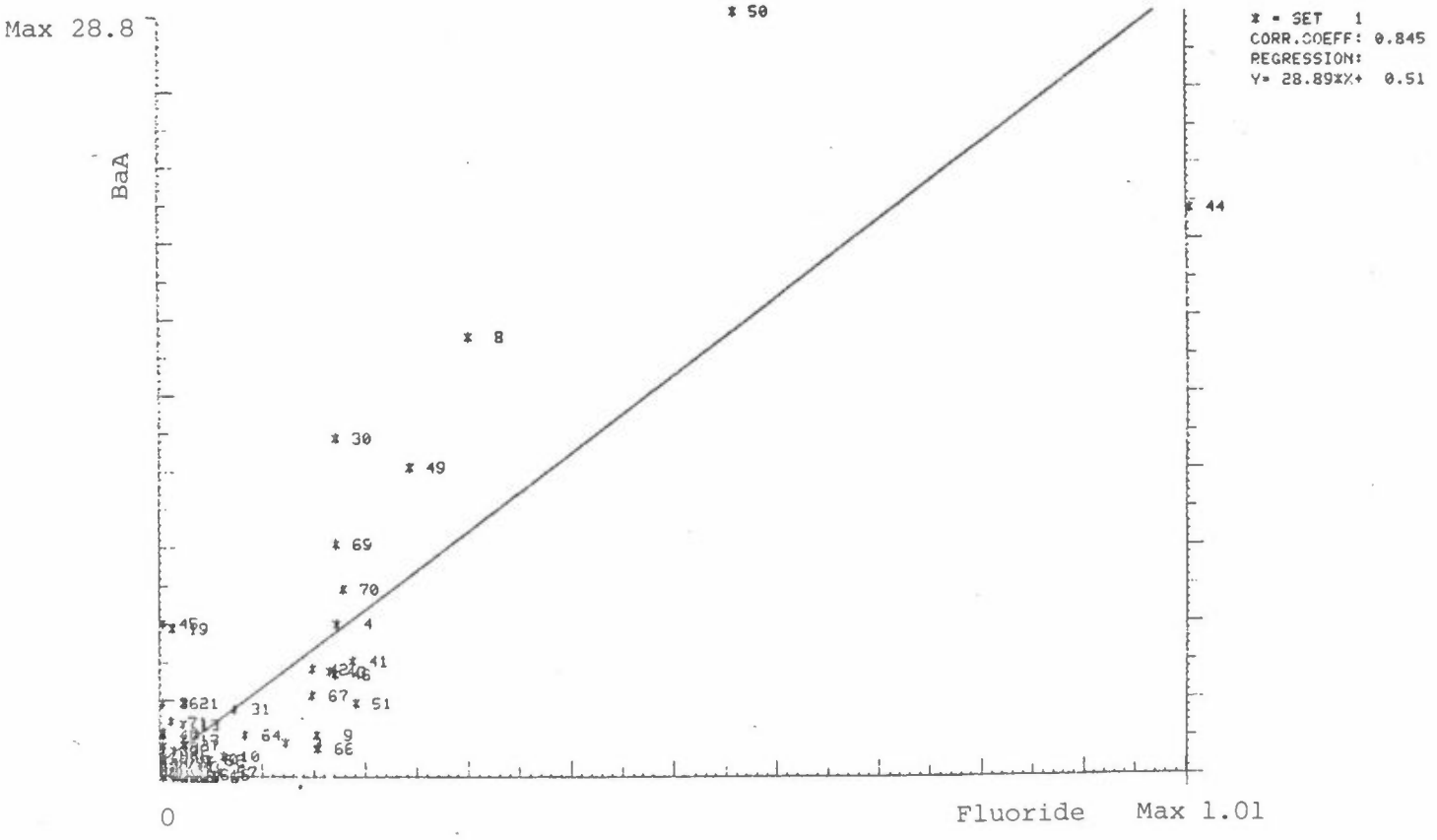
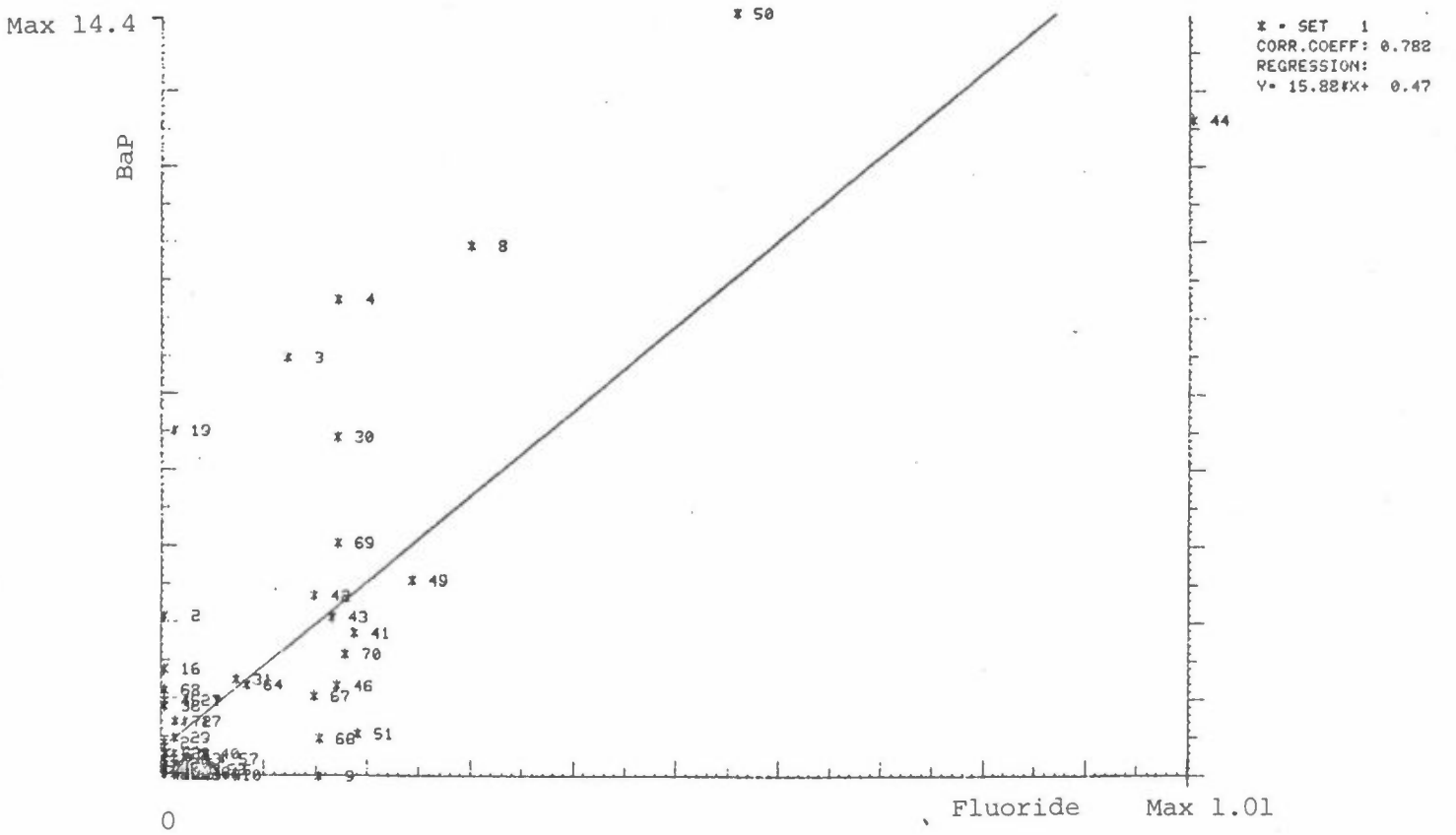


Figure 11 cont.

Sidsjön



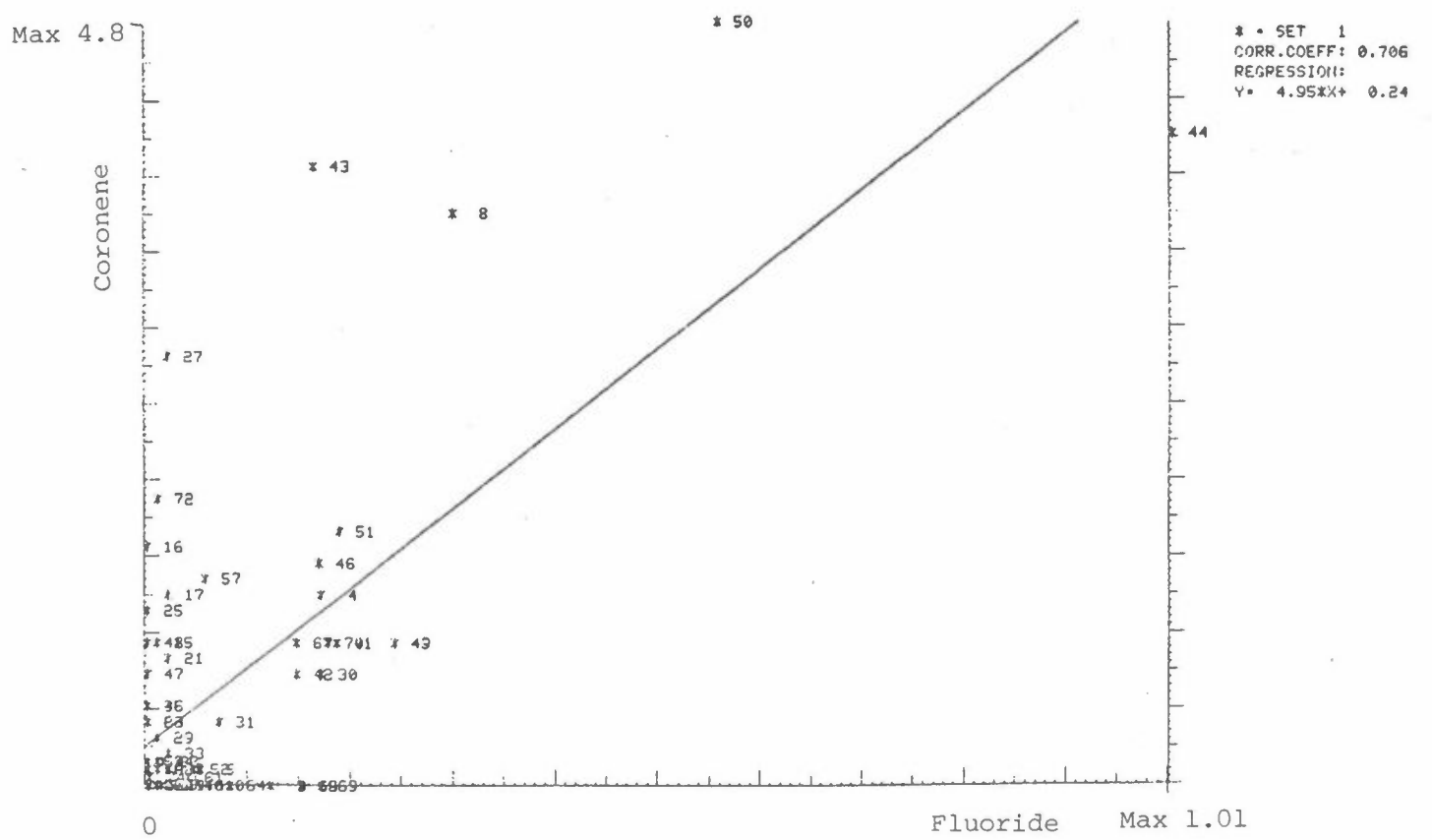


Figure 11 cont.,

KUBIKENBORG Day

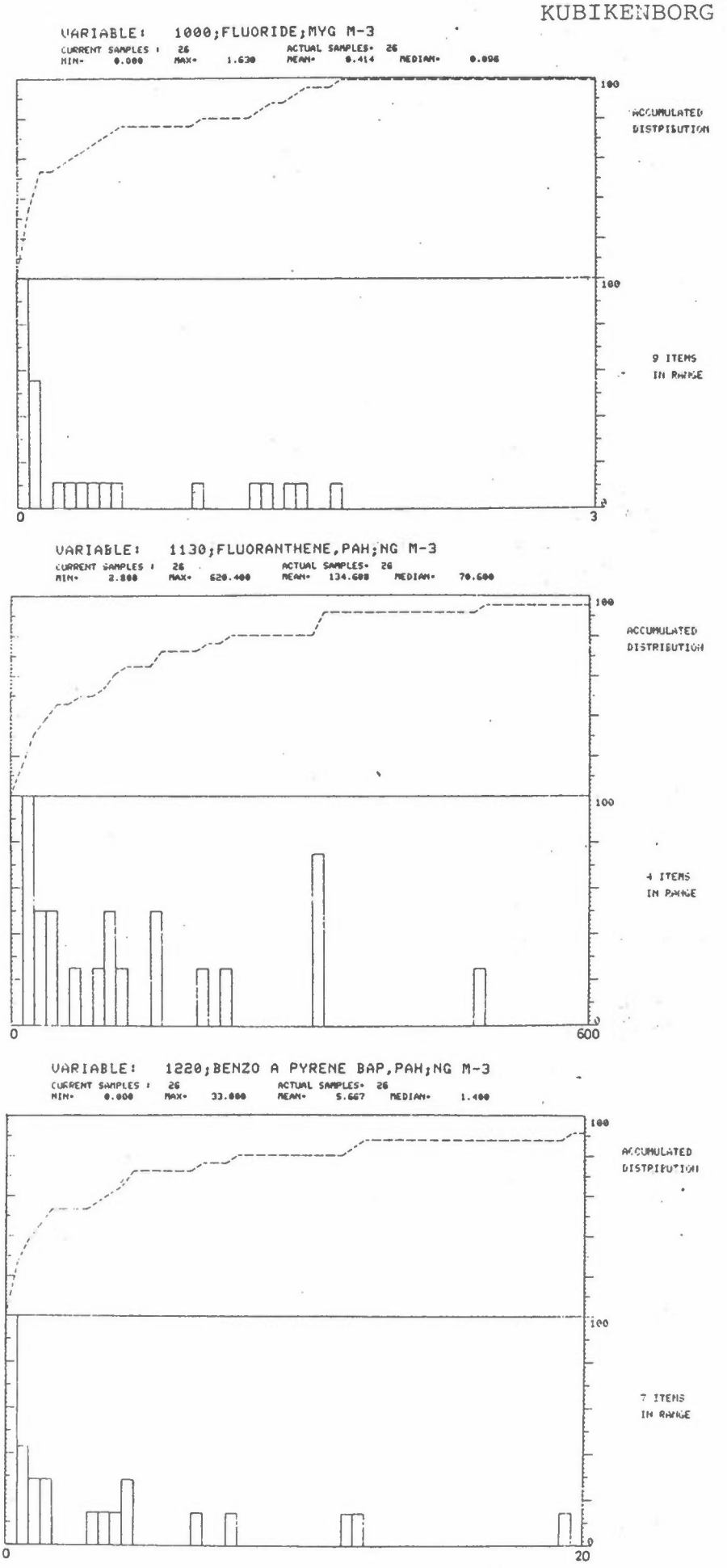


Figure 12: Frequency distributions for fluoride (0-3 µg/m^3), fluoranthene 0-600 ng/m^3) and BaP (0-20 ng/m^3).

KUBIKENBORG Night

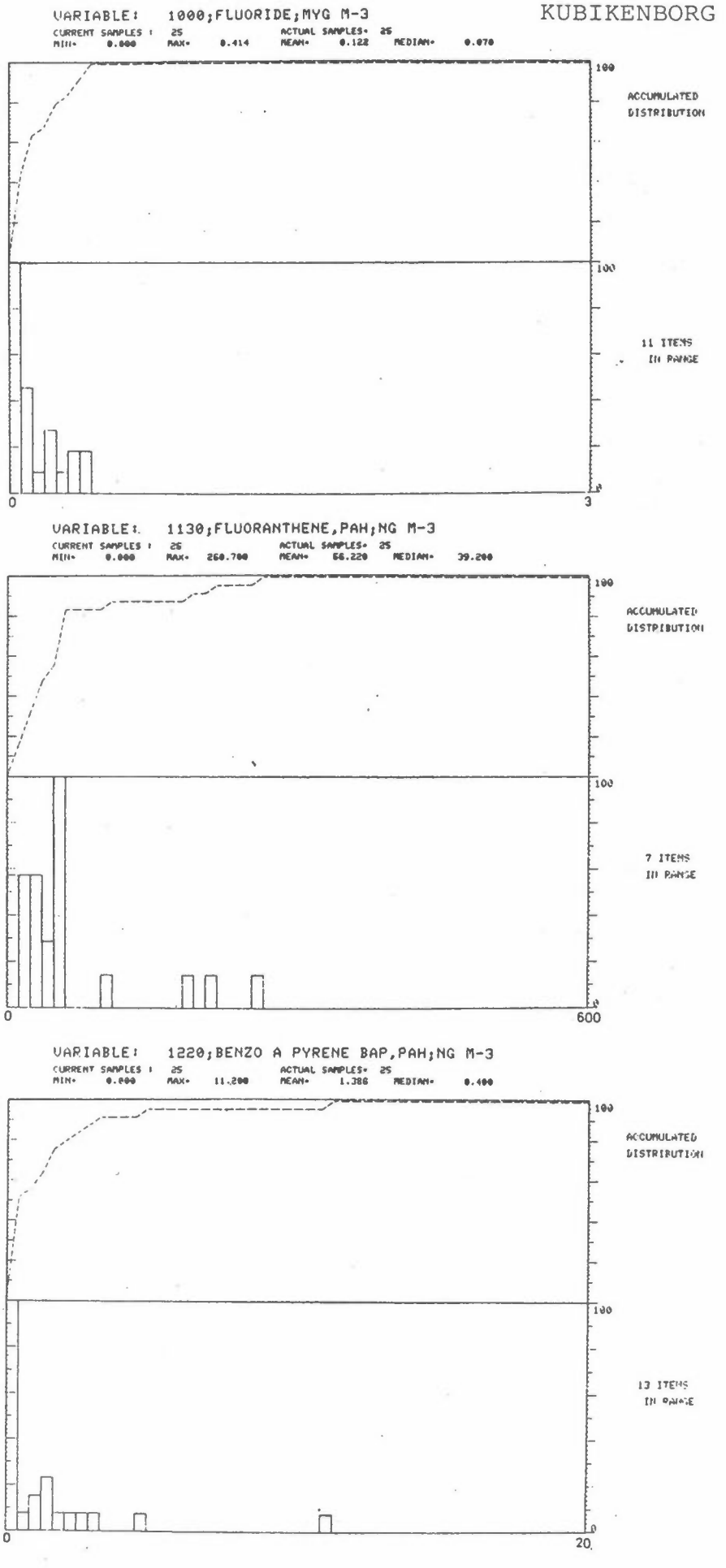


Figure 12 cont.

KUBIKENBORG 24h

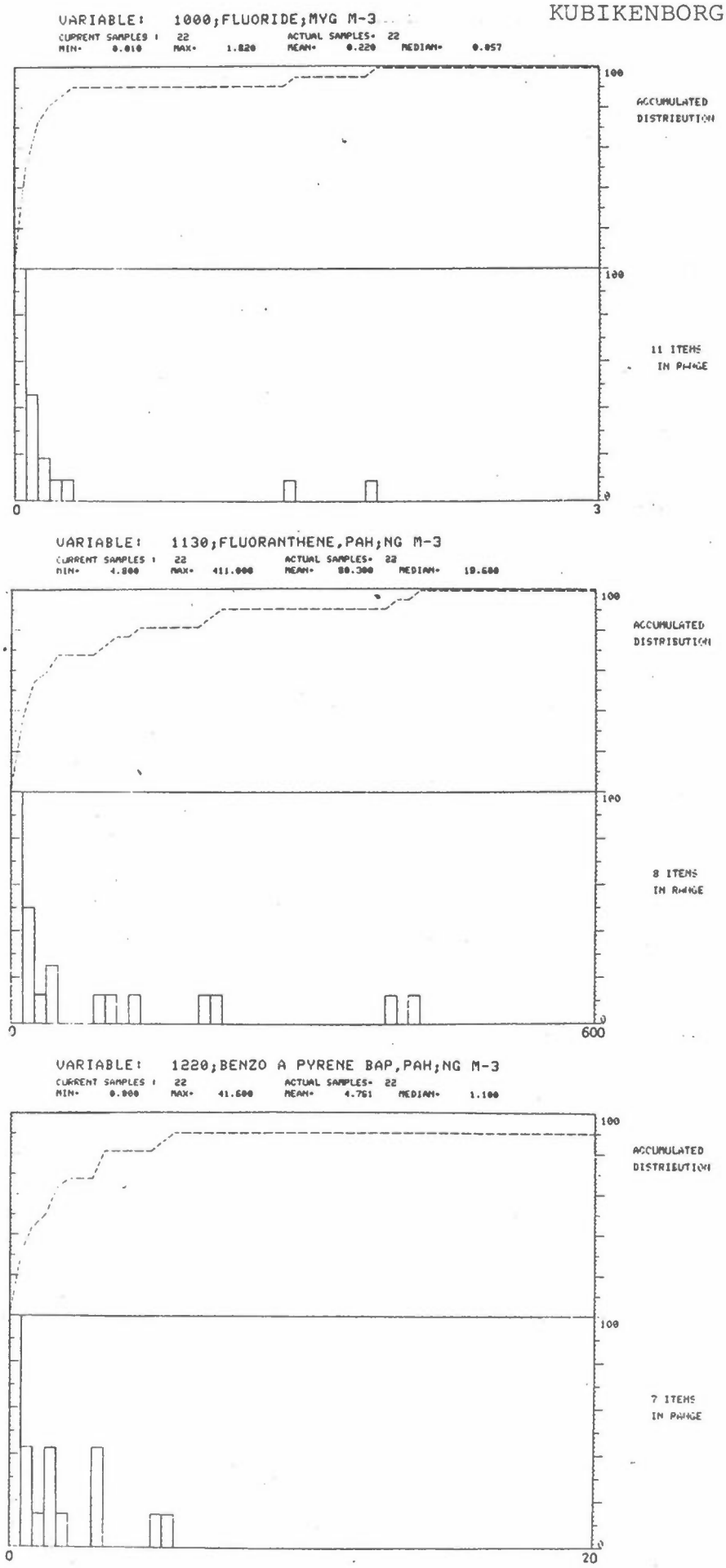


Figure 12 cont.

HAGA Day

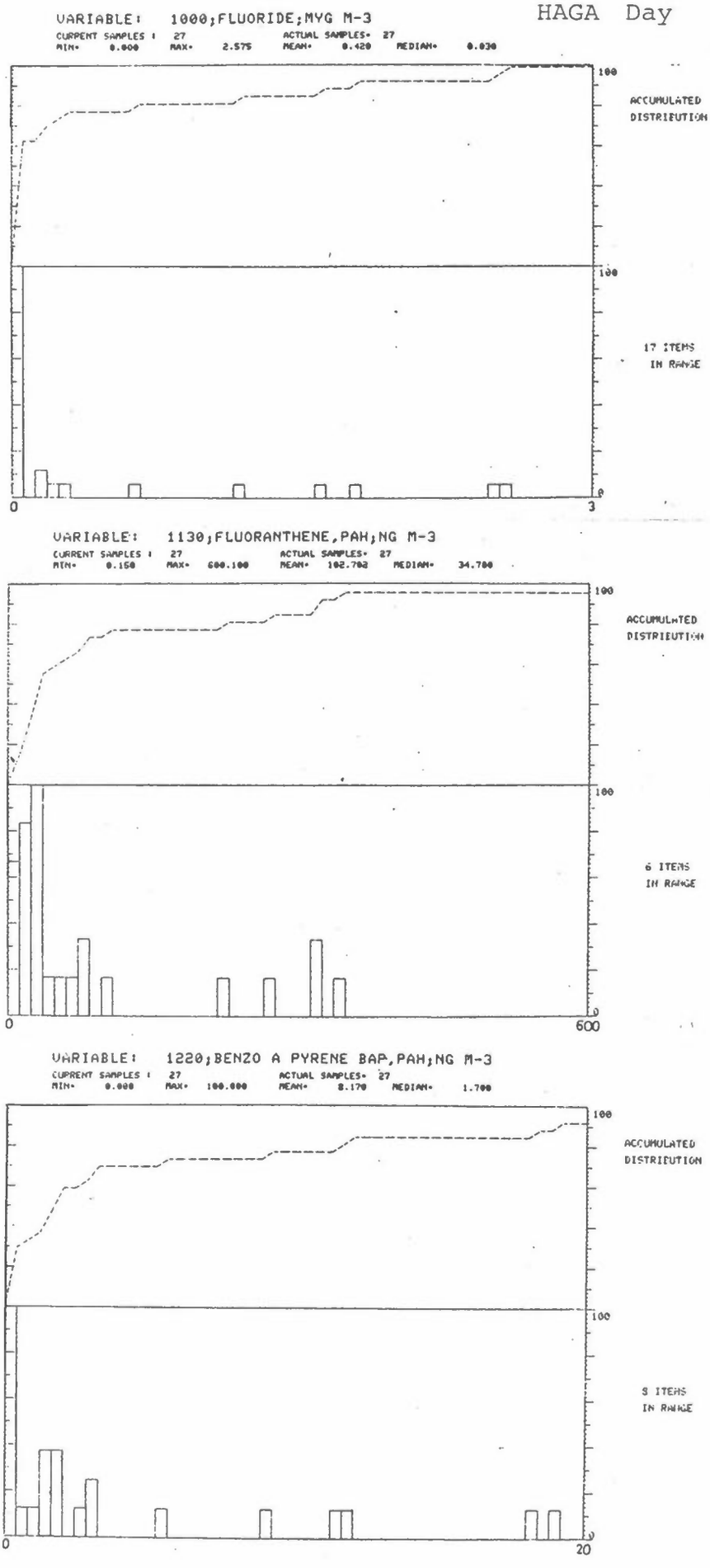
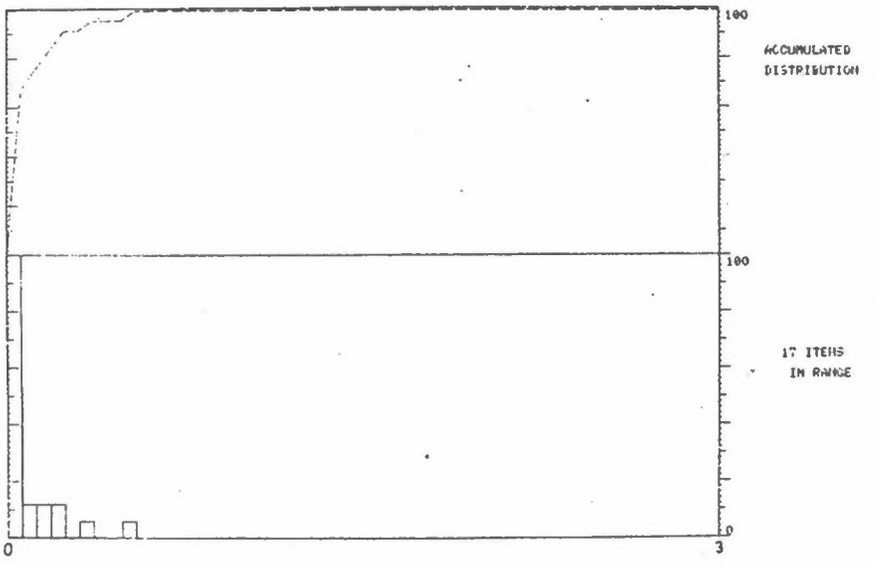


Figure 12 cont.

HAGA Night

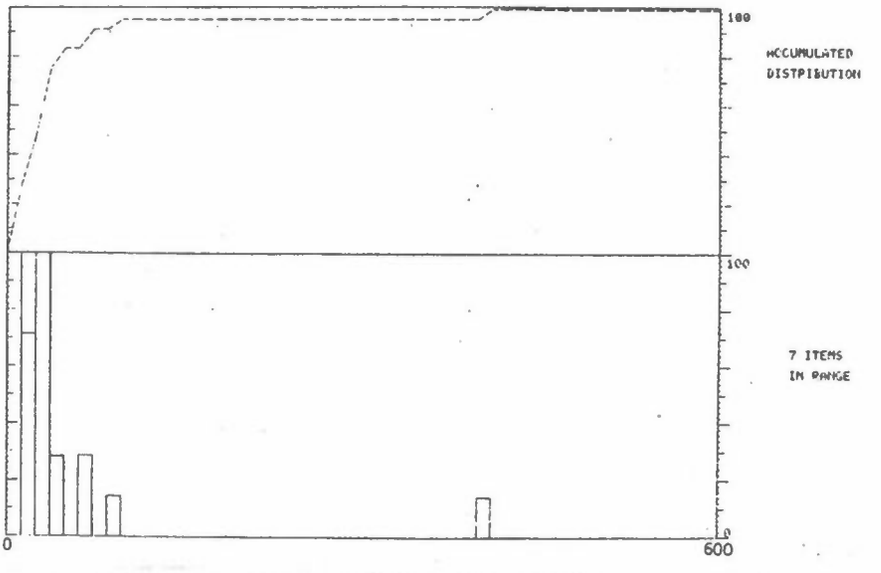
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 0.490 MEAN= 0.079 MEDIAN= 0.036



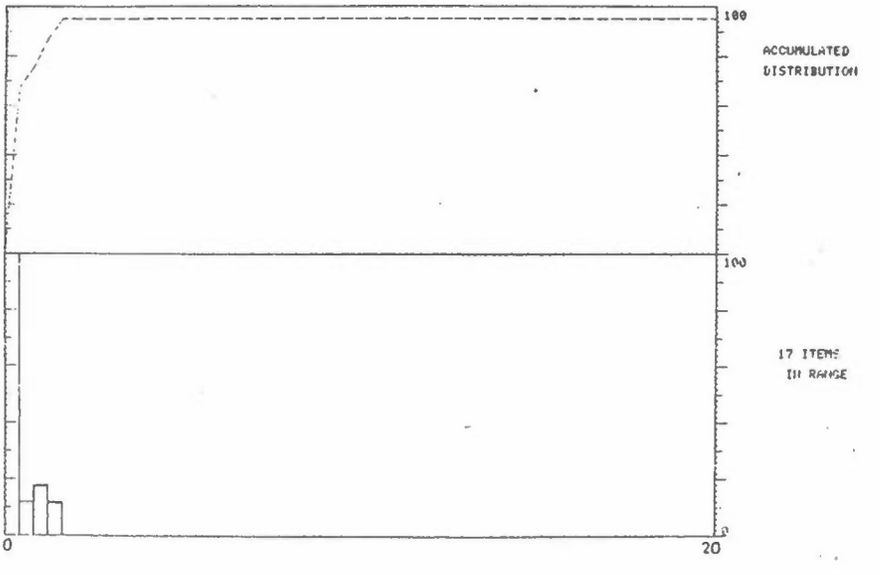
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 402.400 MEAN= 41.152 MEDIAN= 24.700



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

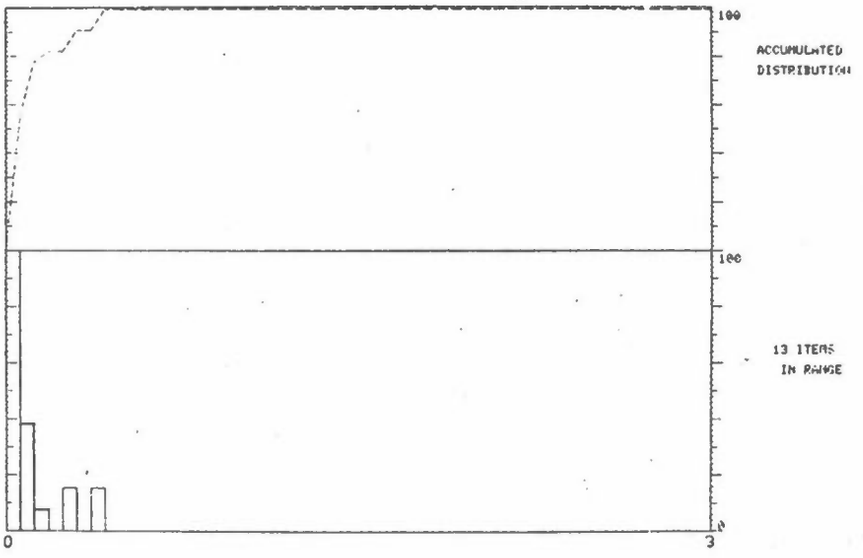
CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 21.300 MEAN= 1.225 MEDIAN= 0.150



HAGA 24h

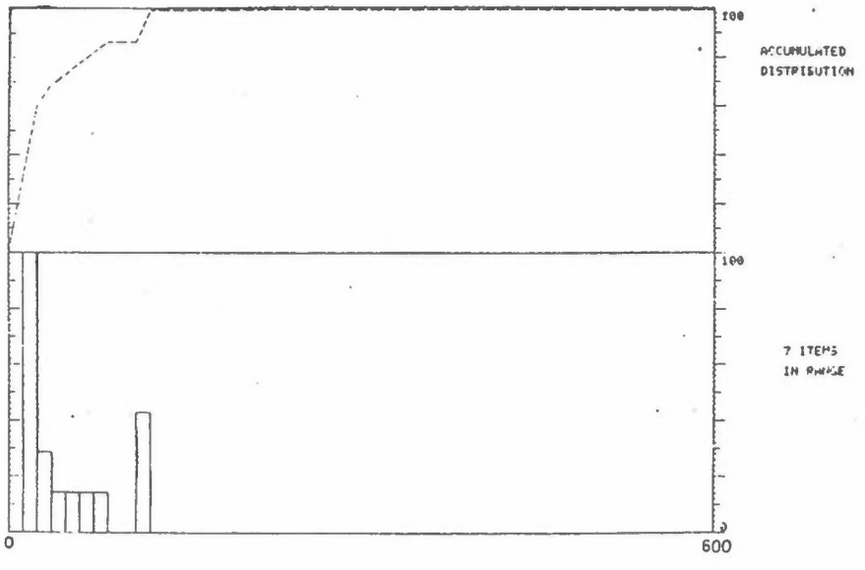
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 0.000 MAX= 0.394 MEAN= 0.096 MEDIAN= 0.050



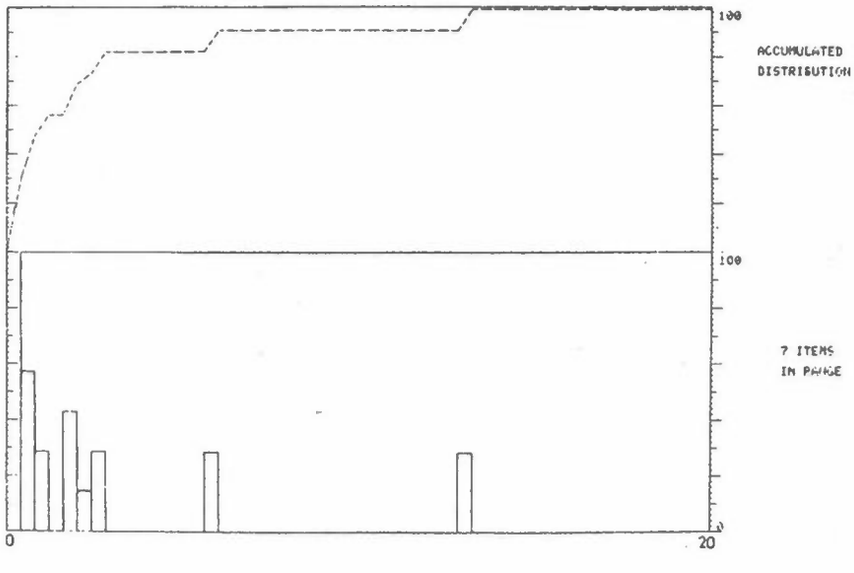
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 3.300 MAX= 116.500 MEAN= 34.122 MEDIAN= 14.300



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

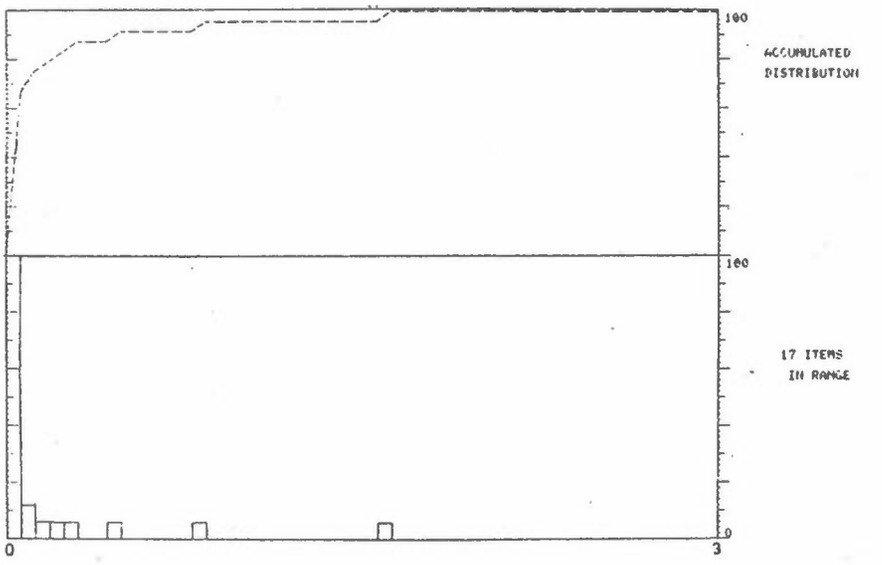
CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 0.000 MAX= 13.000 MEAN= 2.500 MEDIAN= 0.900



KÖPMANSGATAN Day

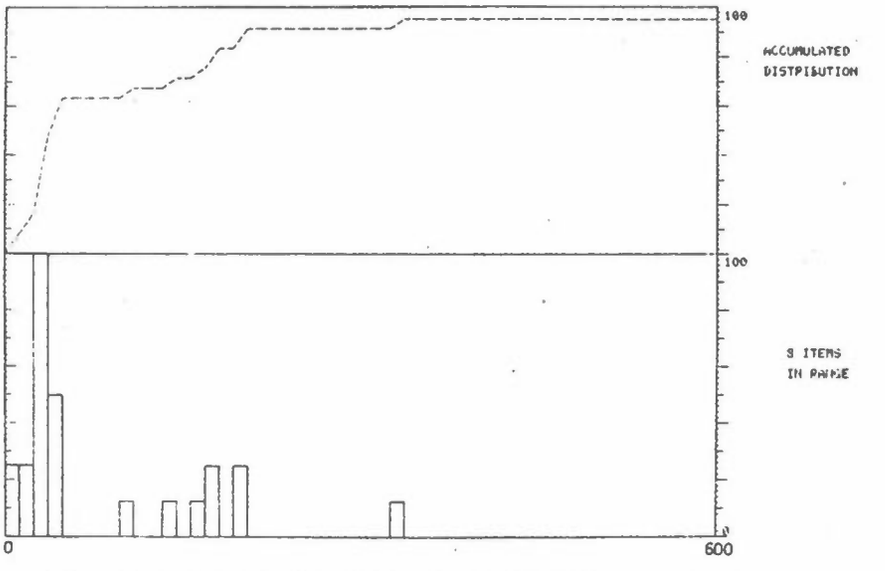
VARIABLE: 1000;FLUORIDE;MYG M-3.

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 1.580 MEAN= 0.183 MEDIAN= 0.040



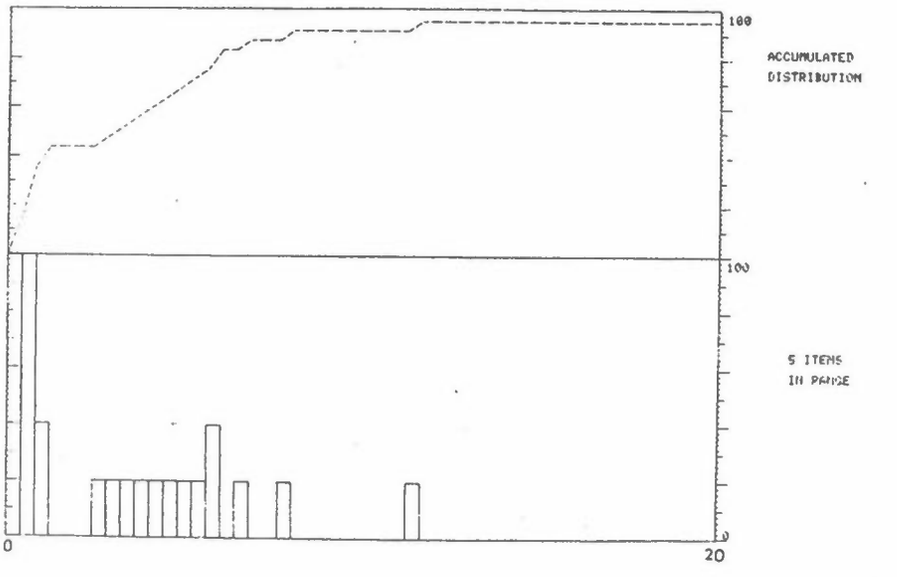
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 4.800 MAX= 727.400 MEAN= 106.192 MEDIAN= 37.400



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

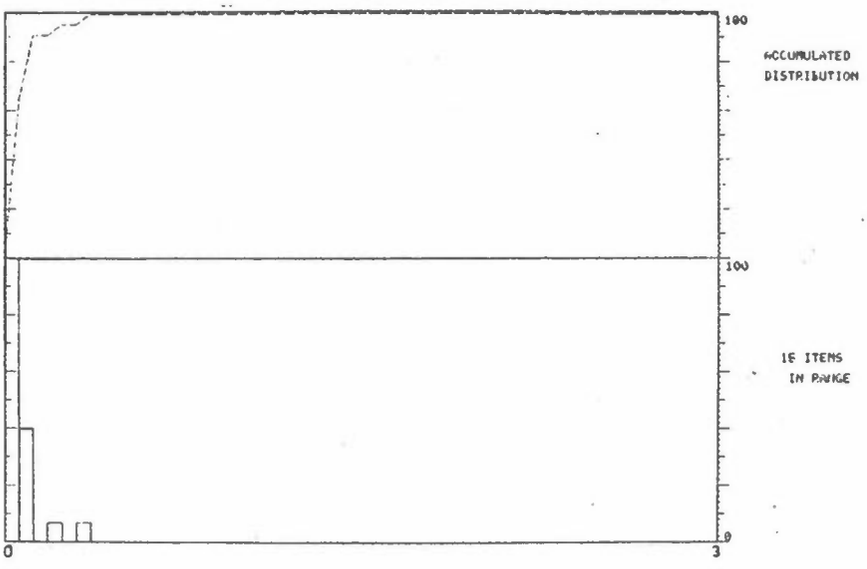
CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.200 MAX= 33.900 MEAN= 4.428 MEDIAN= 2.900



KÖPMANSGATAN Night

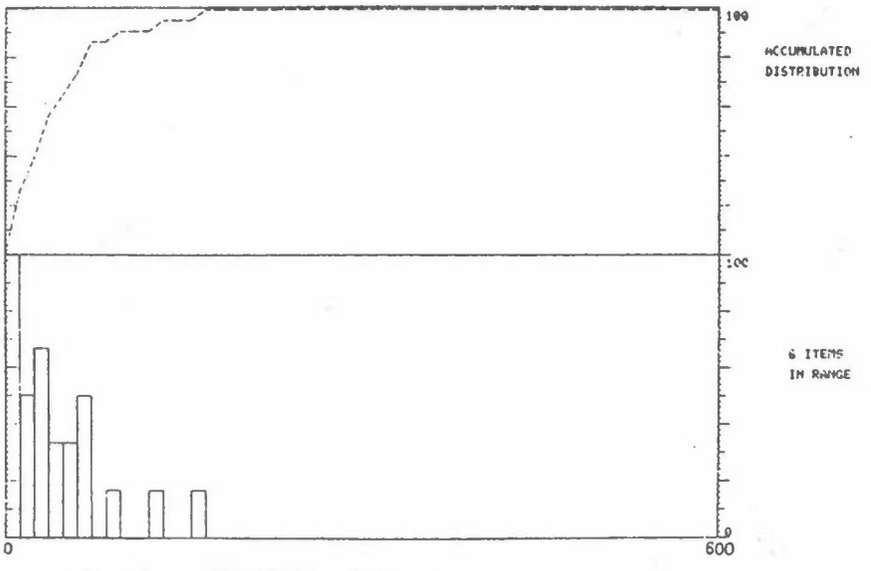
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 0.000 MAX= 0.326 MEAN= 0.052 MEDIAN= 0.020



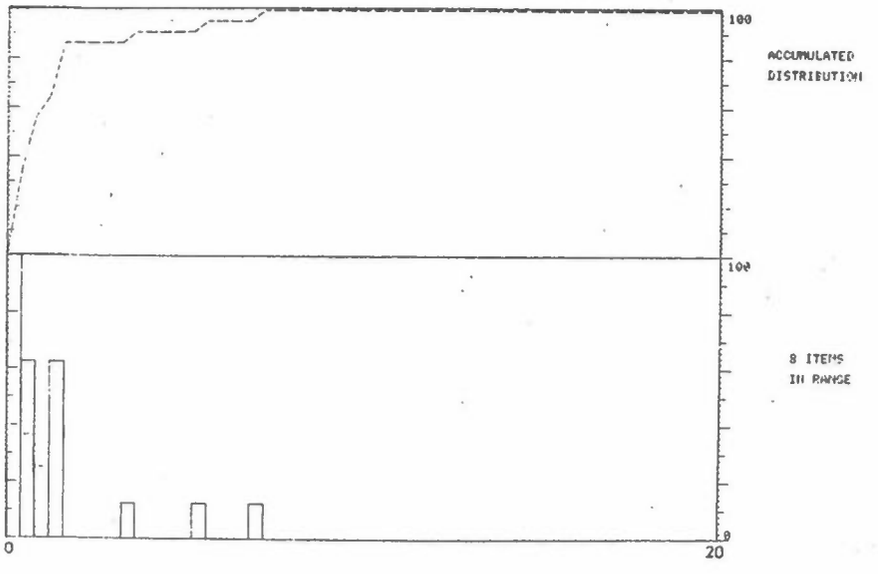
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 0.800 MAX= 156.800 MEAN= 41.696 MEDIAN= 29.800



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

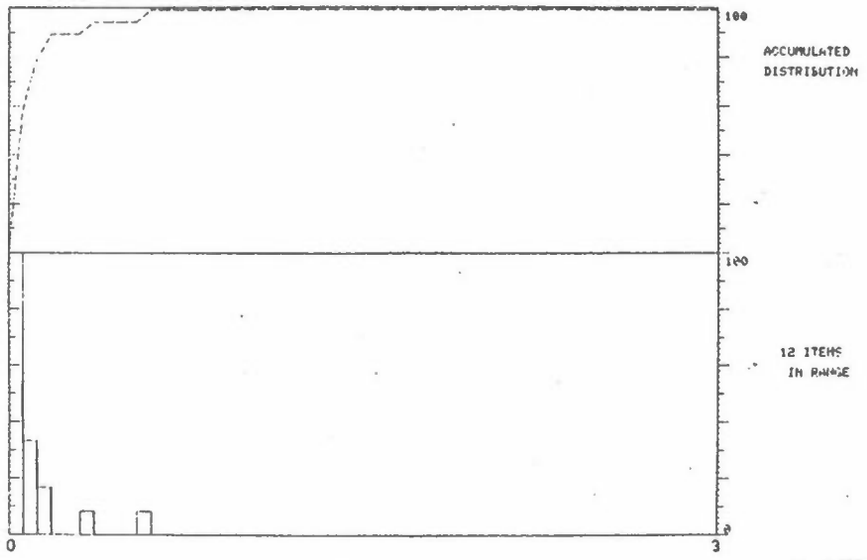
CURRENT SAMPLES : 23 ACTUAL SAMPLES= 23
MIN= 0.000 MAX= 6.900 MEAN= 1.283 MEDIAN= 0.700



KÖPMANSGATAN 24h

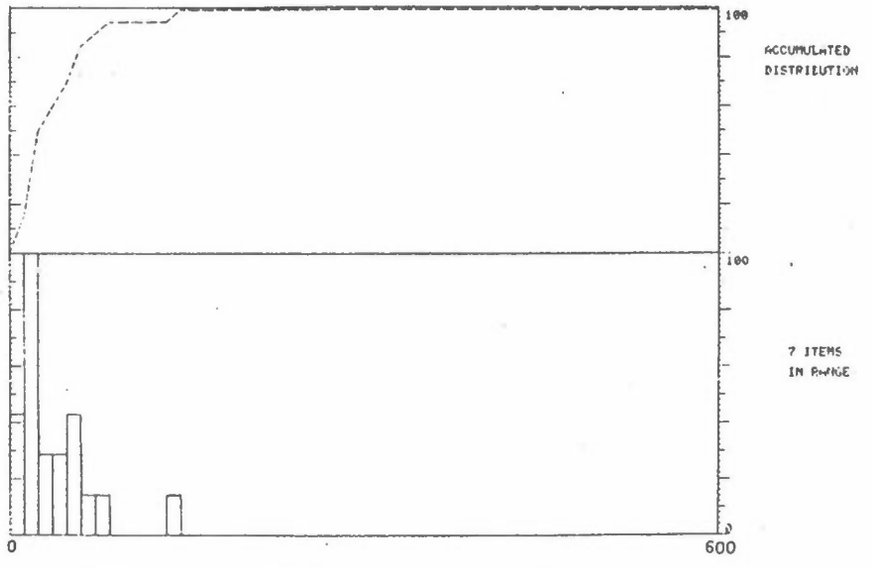
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 20 ACTUAL SAMPLES= 20
MIN= 0.000 MAX= 0.583 MEAN= 0.095 MEDIAN= 0.050



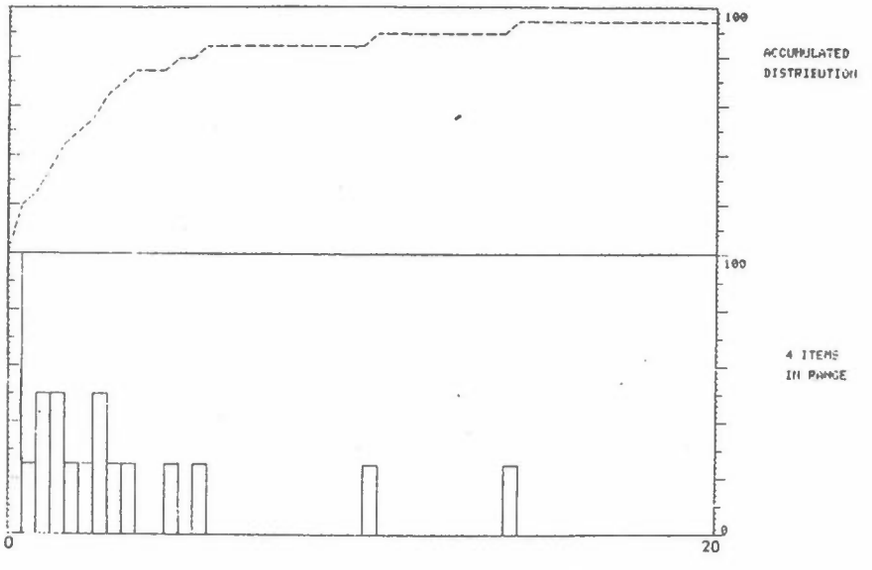
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 20 ACTUAL SAMPLES= 20
MIN= 5.600 MAX= 139.300 MEAN= 36.490 MEDIAN= 22.800



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

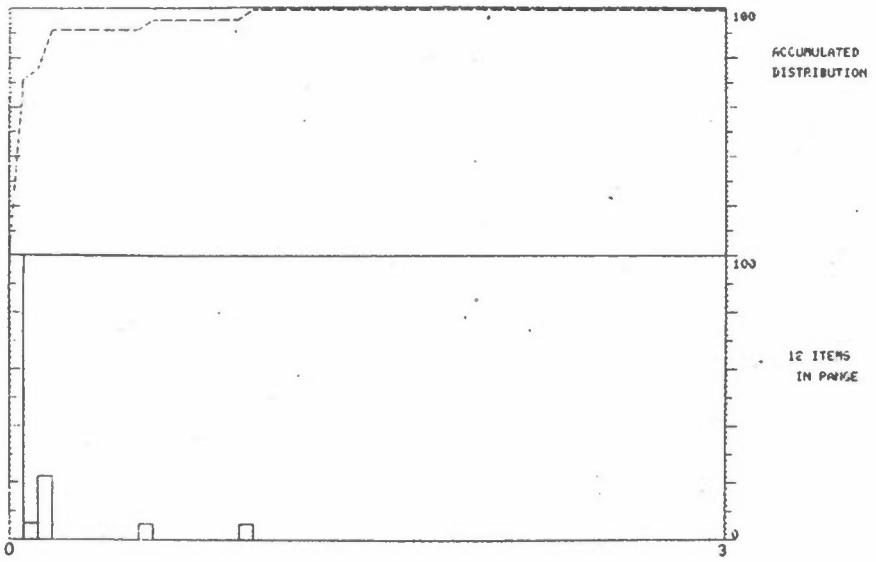
CURRENT SAMPLES : 20 ACTUAL SAMPLES= 20
MIN= 0.000 MAX= 37.800 MEAN= 4.735 MEDIAN= 2.000



SIDSJÖN Day

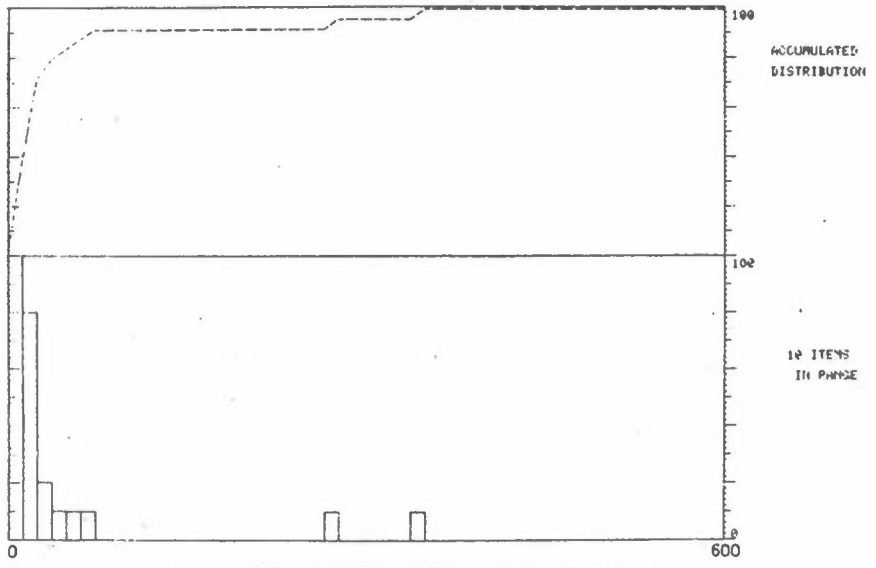
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 1.010 MEAN= 0.101 MEDIAN= 0.020



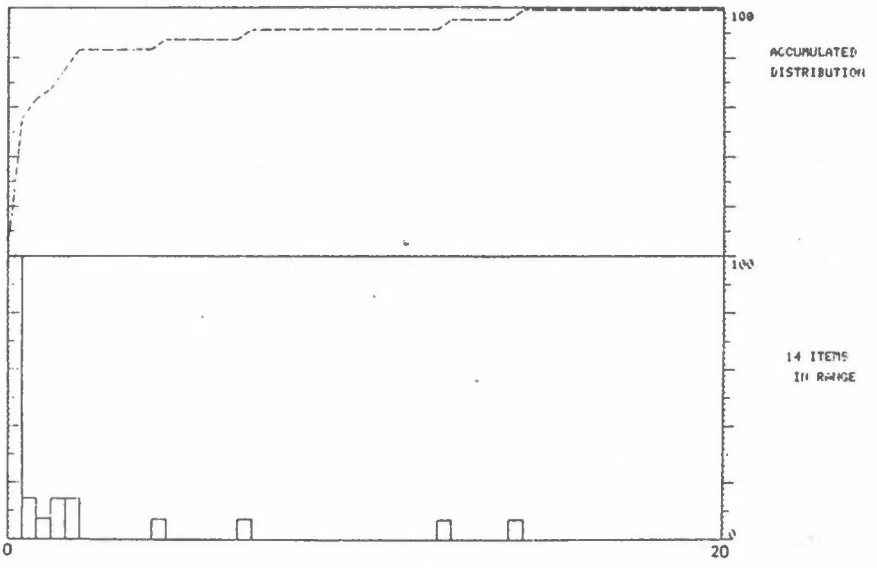
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 4.700 MAX= 341.300 MEAN= 42.220 MEDIAN= 15.800



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

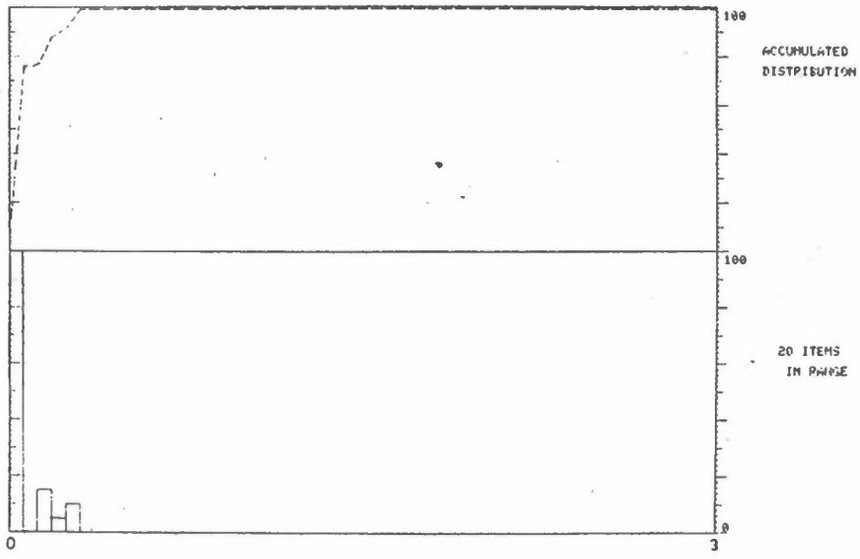
CURRENT SAMPLES : 25 ACTUAL SAMPLES= 25
MIN= 0.000 MAX= 14.400 MEAN= 1.906 MEDIAN= 0.300



SIDSJÖN Night

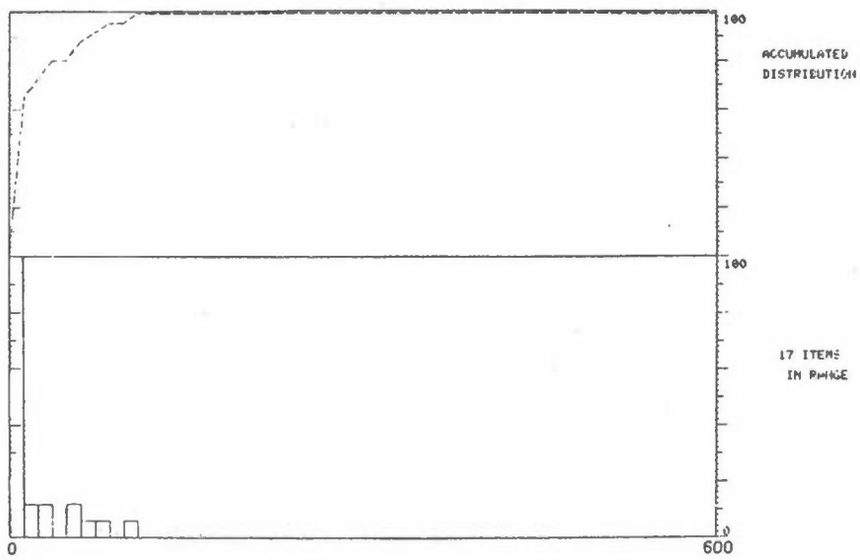
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 26 ACTUAL SAMPLES= 26
MIN= 0.000 MAX= 0.300 MEAN= 0.057 MEDIAN= 0.010



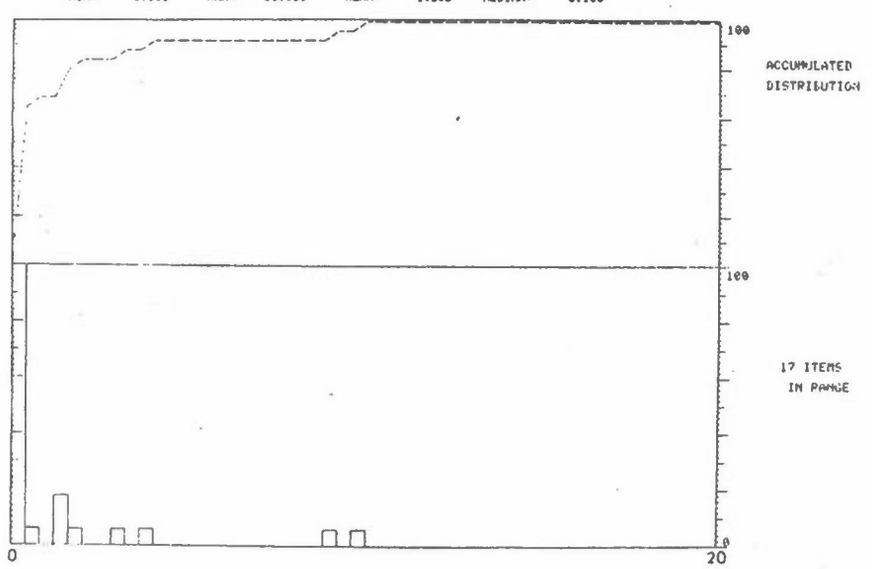
VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 26 ACTUAL SAMPLES= 26
MIN= 0.000 MAX= 184.600 MEAN= 21.296 MEDIAN= 8.500



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

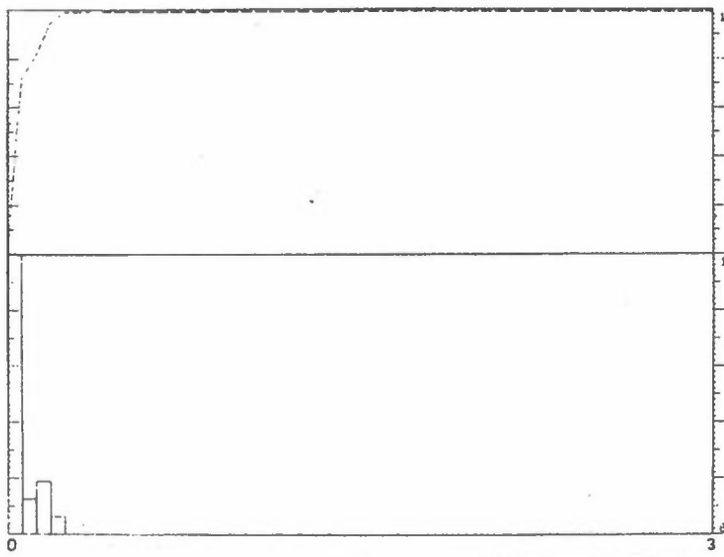
CURRENT SAMPLES : 26 ACTUAL SAMPLES= 26
MIN= 0.000 MAX= 10.000 MEAN= 1.308 MEDIAN= 0.100



SIDSJÖN 24h

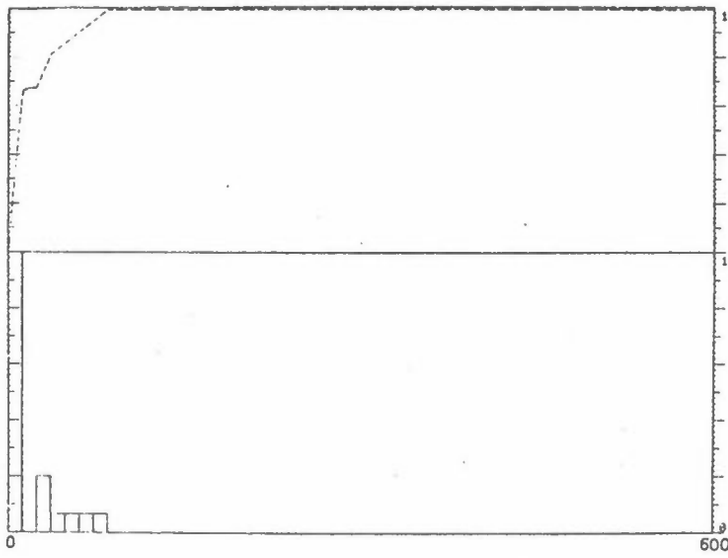
VARIABLE: 1000;FLUORIDE;MYG M-3

CURRENT SAMPLES : 22 ACTUAL SAMPLES= 22
MIN= 0.000 MAX= 0.186 MEAN= 0.048 MEDIAN= 0.010



VARIABLE: 1130;FLUORANTHENE,PAH;NG M-3

CURRENT SAMPLES : 22 ACTUAL SAMPLES= 22
MIN= 1.500 MAX= 77.900 MEAN= 18.441 MEDIAN= 7.800



VARIABLE: 1220;BENZO A PYRENE BAP,PAH;NG M-3

CURRENT SAMPLES : 22 ACTUAL SAMPLES= 22
MIN= 0.000 MAX= 7.900 MEAN= 1.509 MEDIAN= 0.400

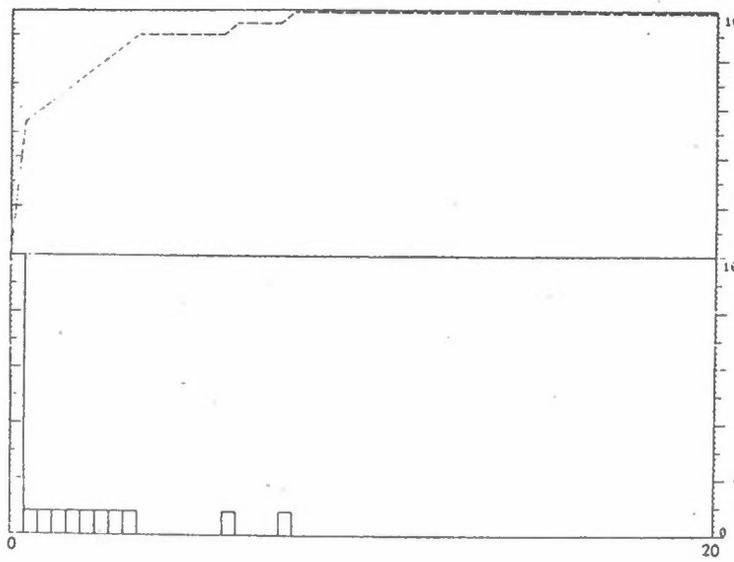
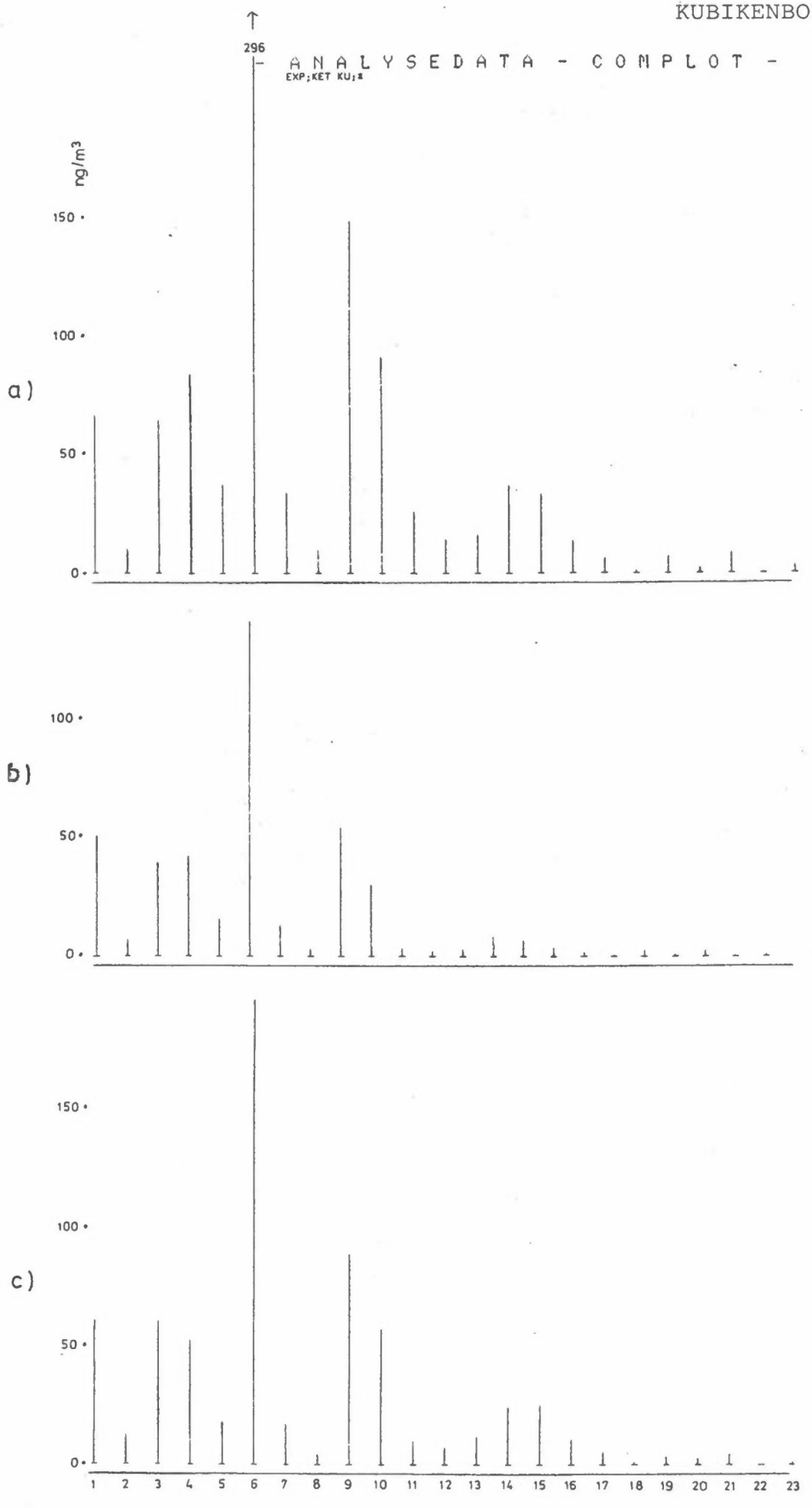


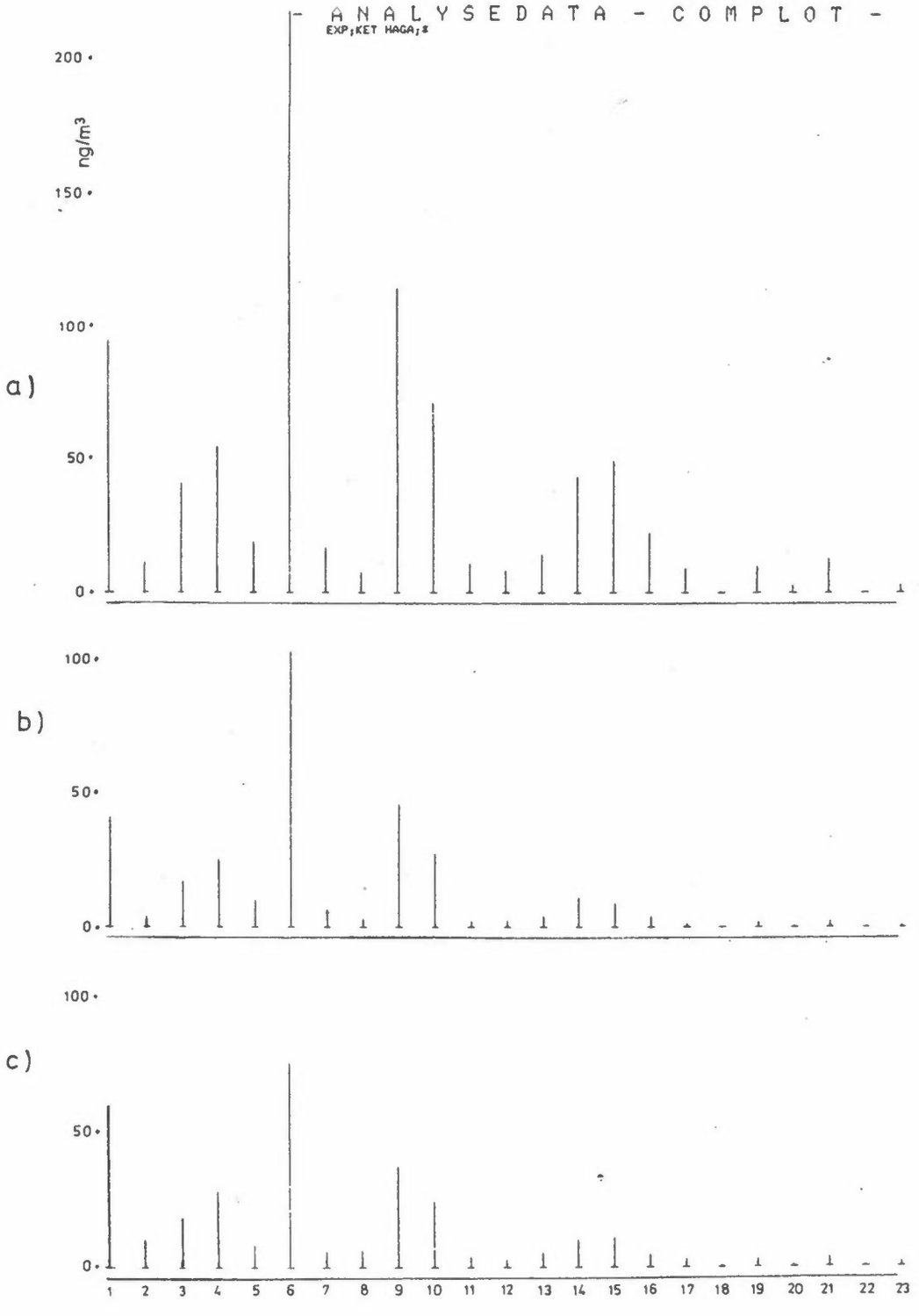
Figure 13: Profiles of day-(a), night-(b) and 24 hours (c) samples (from top and down) for each station. The bars show the mean concentrations in ng/m^3 for the following compounds:

Variable	*INDEX*	*VARIABLE DESCRIPTION*
1	1010	NAPHTALENE, PAH; NG M-3
2	1040	BIPHENYL, PAH; NG M-3
3	1050	ACENAPHTENE, PAH; NG M-3
4	1060	FLUORENE, PAH; NG M-3
5	1070	DIBENZOTHIOPHENE, PAH; NG M-3
6	1080	PHENANTHRENE, PAH; NG M-3
7	1090	ANTHRACENE, PAH; NG M-3
8	1120	1-METHYL PHENANTHRENE, PAH; NG M-3
9	1130	FLUORANTHENE, PAH; NG M-3
10	1140	PYRENE, PAH; NG M-3
11	1150	BENZO A FLUORENE, PAH; NG M-3
12	1160	BENZO B FLUORENE, PAH; NG M-3
13	1170	BENZO A ANTHRACENE, PAH; NG M-3
14	1180	CHRYSENE/TRIPHENYLENE, PAH; NG M-3
15	1190	BENZO J/K/B FLUORANTHENE, PAH; NG M-3
16	1210	BENZO E PYRENE BEP, PAH; NG M-3
17	1220	BENZO A PYRENE BAP, PAH; NG M-3
18	1230	PERYLENE, PAH; NG M-3
19	1240	O-PHENYLENE PYRENE, PAH; NG M-3
20	1250	DIBENZO AC/AH ANTHRACENE, PAH; NG M-3
21	1260	BENZO GHI PERYLENE, PAH NG M-3
22	1280	ANTHANTHRENE, PAH; NG M-3
23	1280	CORONENE, PAH; NG M-3

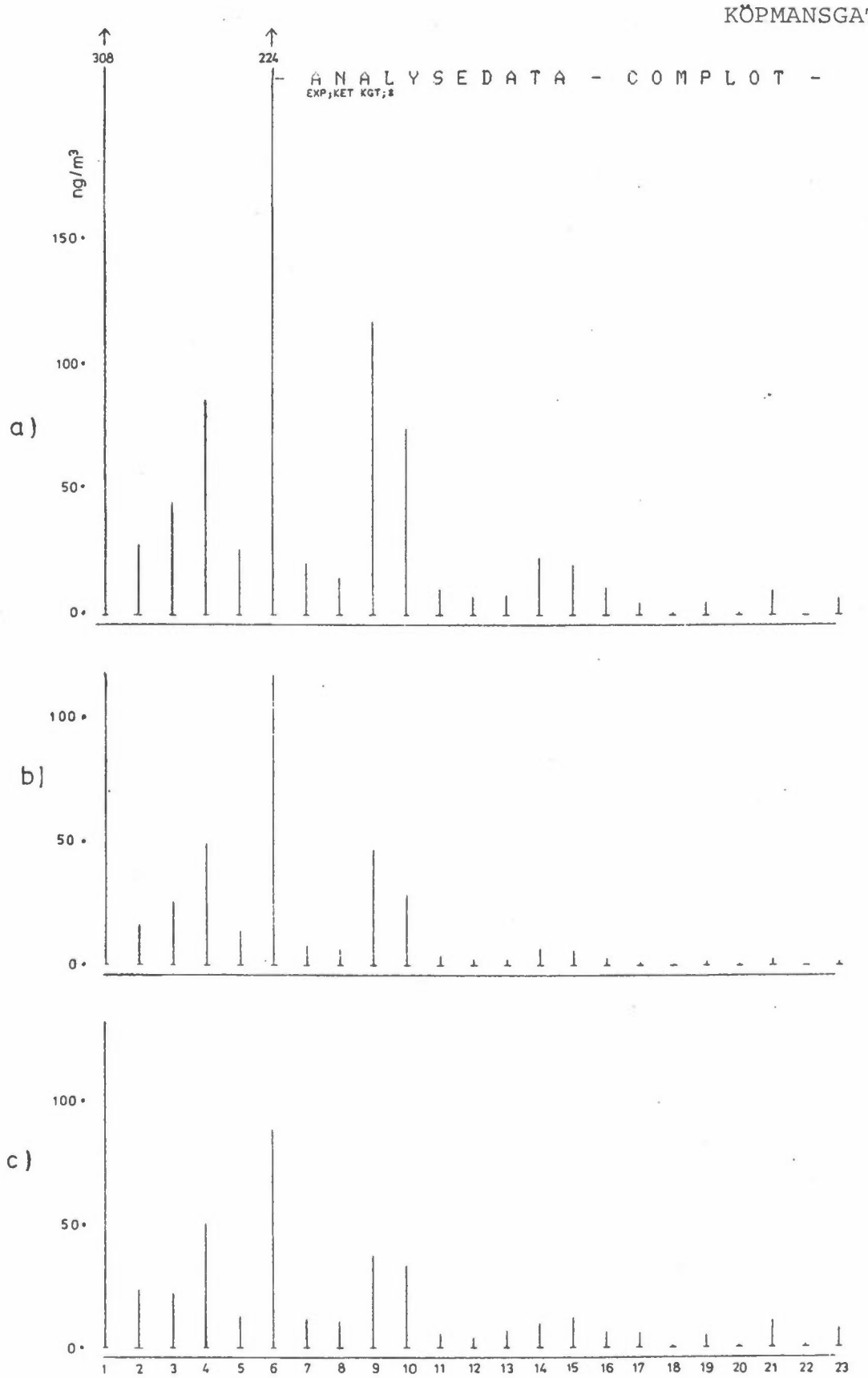
KUBIKENBORG



HAGA

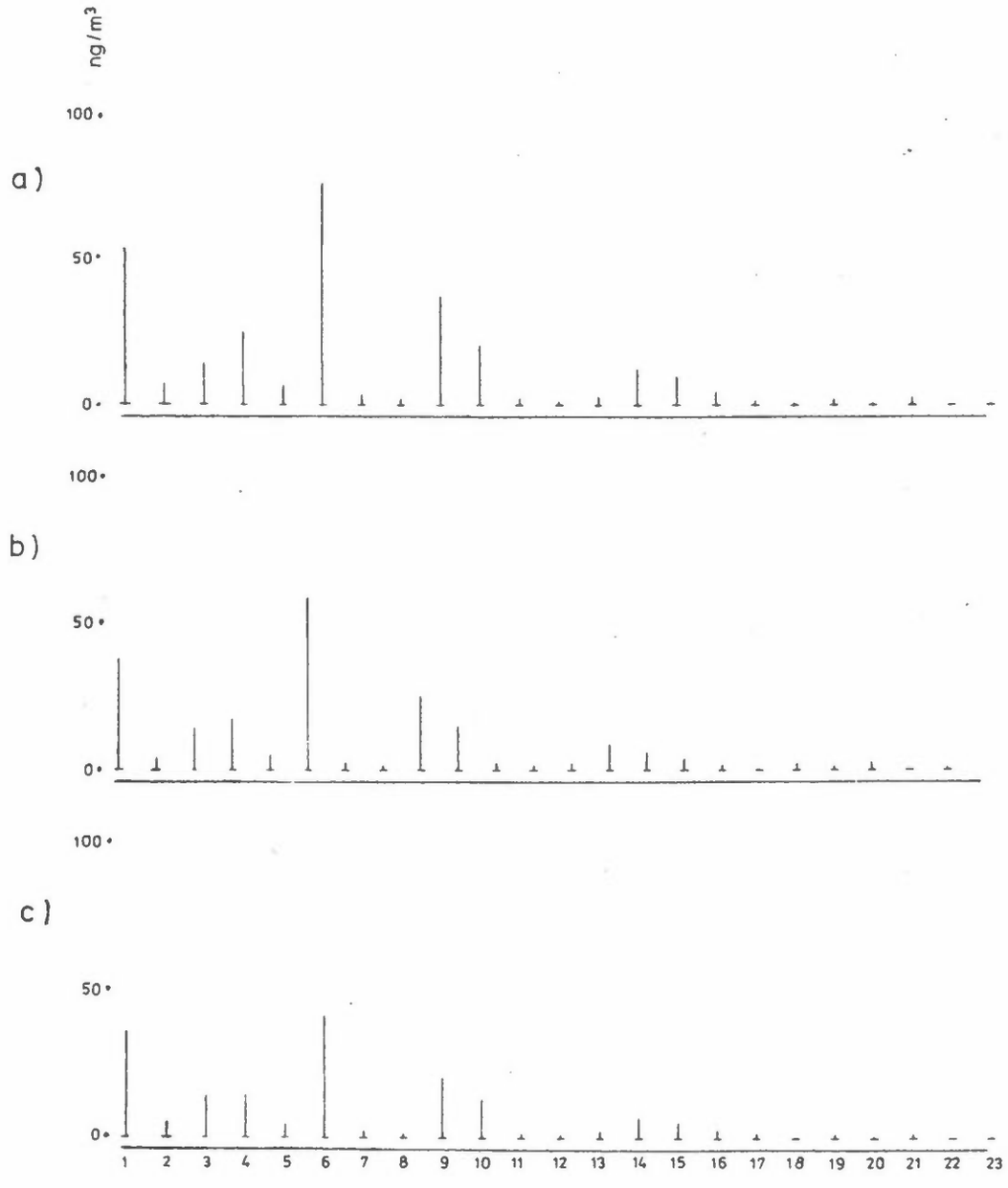

ANALYSEDATA - COMPLOT -
EXP;KET HAGA;#
ng/m3
200
150
100
50
0
a)
b)
c)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

KÖPMANSGATAN



SIDSJÖN

- ANALYSEDATA - COMPLOT -
EXP;KET SID;3



APPENDICES

A: RESULTS FROM KUBIKENBORG
B: RESULTS FROM HAGA
C: RESULTS FROM KÖPMANSGATAN
D: RESULTS FROM SIDSJÖN
E: RESULTS FROM NYHAMNSUDDEN
F: RESULTS FROM FORSKNINGSLABORATORIET (SCA)

A: RESULTS FROM KUBIKENBORG

SAMPLE LINE 5
SA;KET1;C4256-2;SITE,KU;DATE,1981,JUN 11 12;TIME,2123 1043;SAMPLE TYPE NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.017	;FLUORIDE;MYG M-3
6	1010	36.500	;NAPHTALENE,PAH;NG M-3
7	1020	27.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	13.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.700	;BIPHENYL,PAH;NG M-3
10	1050	9.300	;ACENAPHTENE,PAH;NG M-3
11	1060	9.900	;FLUORENE,PAH;NG M-3
12	1070	2.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	31.100	;PHENANTHRENE,PAH;NG M-3
14	1090	1.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.000	;FLUORANTHENE,PAH;NG M-3
19	1140	7.700	;PYRENE,PAH;NG M-3
20	1150	1.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	5.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.600	;PERYLENE,PAH;NG M-3
29	1240	5.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M^3
31	1260	1.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.400	;CORONENE,PAH;NG M-3
34	2000	194.400	;TOTAL PAH;NG M-3

SAMPLE LINE 15
SA;KET1;C4561-2;SITE,KU;DATE,1981,JUN 12;TIME,1051 2140;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	14.000	WIND DIRECTION
2	110	3.400	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.032	;FLUORIDE;MYG M-3
6	1010	18.600	;NAPHTALENE,PAH;NG M-3
7	1020	8.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.300	;BIPHENYL,PAH;NG M-3
10	1050	6.800	;ACENAPHTENE,PAH;NG M-3
11	1060	7.200	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.100	;FLUORANTHENE,PAH;NG M-3
19	1140	4.600	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.800	;CORONENE,PAH;NG M-3
34	2000	100.400	;TOTAL PAH;NG M-3

SAMPLE LINE 31
SA;KET1;C49004-2;SITE,KU;DATE,1981,JUN 15 16;TIME,2200 1020;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.332	;FLUORIDE;MYG M-3
6	1010	86.900	;NAPHTALENE,PAH;NG M-3
7	1020	86.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	46.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	22.000	;BIPHENYL,PAH;NG M-3
10	1050	243.000	;ACENAPHTENE,PAH;NG M-3
11	1060	168.400	;FLUORENE,PAH;NG M-3
12	1070	61.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	515.500	;PHENANTHRENE,PAH;NG M-3
14	1090	79.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	15.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	209.500	;FLUORANTHENE,PAH;NG M-3
19	1140	126.600	;PYRENE,PAH;NG M-3
20	1150	25.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	18.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	17.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	30.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	17.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.200	;PERYLENE,PAH;NG M-3
29	1240	10.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.700	;CORONENE,PAH;NG M-3
34	2000	1813.597	;TOTAL PAH;NG M-3

SAMPLE LINE 60
SA;KET KU;C49006-2;SITE,KU;DATE,1981,JUN 16;TIME,1030 2230;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.539	;FLUORIDE;MYG M-3
6	1010	27.600	;NAPHTALENE,PAH;NG M-3
7	1020	43.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	24.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	13.500	;BIPHENYL,PAH;NG M-3
10	1050	193.000	;ACENAPHTENE,PAH;NG M-3
11	1060	159.000	;FLUORENE,PAH;NG M-3
12	1070	62.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	538.000	;PHENANTHRENE,PAH;NG M-3
14	1090	63.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	14.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	225.400	;FLUORANTHENE,PAH;NG M-3
19	1140	136.000	;PYRENE,PAH;NG M-3
20	1150	209.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	19.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	19.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	50.800	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	46.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTUENE,PAH;NG M-3
26	1210	17.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	9.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	9.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.000	;CORONENE,PAH;NG M-3
34	2000	1897.996	;TOTAL PAH;NG M-3

SAMPLE LINE 31
SA;KET1;C5897-2;SITE,KU;DATE,1981,AUG 03 04;TIME,2207 1143;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.061	;FLUORIDE;NYG M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	1.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.200	;BIPHENYL,PAH;NG M-3
10	1050	4.600	;ACENAPHTENE,PAH;NG M-3
11	1060	10.500	;FLUORENE,PAH;NG M-3
12	1070	4.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	49.600	;PHENANTHRENE,PAH;NG M-3
14	1090	5.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	21.800	;FLUORANTHENE,PAH;NG M-3
19	1140	9.300	;PYRENE,PAH;NG M-3
20	1150	0.950	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.550	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.350	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.050	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.050	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.050	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.050	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.050	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.050	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.050	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.050	;CORONENE,PAH;NG M-3
34	2000	117.850	;TOTAL PAH;NG M-3

SAMPLE LINE 41
SA;KET1;C5904-2;SITE,KU;DATE,1981,AUG 04;TIME,1153 2040;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	17.200	TEMPERATURE;DEG C
4	130	0.300	DELTA T; DEG C
5	1000	0.944	;FLUORIDE;NYG M-3
6	1010	10.900	;NAPHTALENE,PAH;NG M-3
7	1020	6.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.900	;BIPHENYL,PAH;NG M-3
10	1050	83.100	;ACENAPHTENE,PAH;NG M-3
11	1060	113.400	;FLUORENE,PAH;NG M-3
12	1070	58.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	565.600	;PHENANTHRENE,PAH;NG M-3
14	1090	53.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	19.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	322.800	;FLUORANTHENE,PAH;NG M-3
19	1140	204.400	;PYRENE,PAH;NG M-3
20	1150	115.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	80.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	71.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	89.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	135.600	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	34.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	30.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.900	;PERYLENE,PAH;NG M-3
29	1240	23.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	7.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	25.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	1.400	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.400	;CORONENE,PAH;NG M-3
34	2000	2073.697	;TOTAL PAH;NG M-3

SAMPLE LINE 75
SA;KET KU;C5910-2;SITE,KU;DATE,1981,AUG 11 12;TIME;2130 0745;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	13.900	TEMPERATURE;DEG C
4	130	0.400	DELTA T;DEG C
5	1000	0.194	;FLUORIDE;NYG M-3
6	1010	12.600	;NAPHTALENE,PAH;NG M-3
7	1020	4.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.900	;BIPHENYL,PAH;NG M-3
10	1050	11.400	;ACENAPHTENE,PAH;NG M-3
11	1060	25.300	;FLUORENE,PAH;NG M-3
12	1070	9.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	125.300	;PHENANTHRENE,PAH;NG M-3
14	1090	6.250	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	51.400	;FLUORANTHENE,PAH;NG M-3
19	1140	25.200	;PYRENE,PAH;NG M-3
20	1150	3.050	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.850	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.600	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	294.950	;TOTAL PAH;NG M-3

SAMPLE LINE 65
SA;KET1;C5912-2;SITE,KU;DATE,1981,AUG 12;TIME,0755 2050;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.500	DELTA T; DEG C
5	1000	0.443	;FLUORIDE;NYG M-3
6	1010	13.400	;NAPHTALENE,PAH;NG M-3
7	1020	4.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.500	;BIPHENYL,PAH;NG M-3
10	1050	15.100	;ACENAPHTENE,PAH;NG M-3
11	1060	54.200	;FLUORENE,PAH;NG M-3
12	1070	21.750	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	243.800	;PHENANTHRENE,PAH;NG M-3
14	1090	17.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	110.800	;FLUORANTHENE,PAH;NG M-3
19	1140	57.600	;PYRENE,PAH;NG M-3
20	1150	9.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	12.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	2.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	607.949	;TOTAL PAH;NG M-3

SAMPLE LINE 95
SA;KET1;C1420-2;SITE,KU;DATE,1980,NOV 26 27;TIME,1905 0805;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	6.200	WIND SPEED;MS-1
3	120	-12.400	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	123.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.400	;BIPHENYL,PAH;NG M-3
10	1050	10.900	;ACENAPHTENE,PAH;NG M-3
11	1060	11.600	;FLUORENE,PAH;NG M-3
12	1070	2.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	25.500	;PHENANTHRENE,PAH;NG M-3
14	1090	1.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	14.100	;FLUORANTHENE,PAH;NG M-3
19	1140	14.800	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	223.300	;TOTAL PAH;NG M-3

SAMPLE LINE 18
SA;KET KU;C1624-2;SITE,KU;DATE,1980;NOV 27;TIME,0932 1921;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-12.100	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	0.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	0.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	2.000	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.500	;FLUORANTHENE,PAH;NG M-3
19	1140	13.000	;PYRENE,PAH;NG M-3
20	1150	1.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.800	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	8.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	2.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	8.000	;CORONENE,PAH;NG M-3
34	2000	70.000	;TOTAL PAH;NG M-3

SAMPLE LINE 117
SA;KET1;C2330-2;SITE,KU;DATE,1980,DES 04 05;TIME,2014 0617;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-8.700	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	46.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.900	;BIPHENYL,PAH;NG M-3
10	1050	0.500	;ACENAPHTENE,PAH;NG M-3
11	1060	2.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	7.700	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	1.500	;FLUORANTHENE,PAH;NG M-3
19	1140	1.500	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	63.100	;TOTAL PAH;NG M-3

SAMPLE LINE 121
SA;KET1;C2432-2;SITE,KU;DATE,1980,DES 05;TIME,0752 1707;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	5.800	WIND SPEED;MS-1
3	120	-9.700	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	134.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.600	;BIPHENYL,PAH;NG M-3
10	1050	5.300	;ACENAPHTENE,PAH;NG M-3
11	1060	6.800	;FLUORENE,PAH;NG M-3
12	1070	0.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	12.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.800	;FLUORANTHENE,PAH;NG M-3
19	1140	4.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	177.000	;TOTAL PAH;NG M-3

SAMPLE LINE 41
SA;KET1;C39-2;SITE,KU;DATE,1980,MAY 22 23;TIME,1330 1330;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	7.000	WIND SPEED;MS-1
3	120	9.500	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	2.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.760	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	6.200	;FLUORENE,PAH;NG M-3
12	1070	3.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	45.100	;PHENANTHRENE,PAH;NG M-3
14	1090	4.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.700	;FLUORANTHENE,PAH;NG M-3
19	1140	1.600	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.800	;CORONENE,PAH;NG M-3
34	2000	73.160	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KET1;C41-2;SITE,KU;DATE,1980,MAY 28 29;TIME,1000 1130;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	13.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	9.900	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	7.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.200	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	51.000	;FLUORENE,PAH;NG M-3
12	1070	29.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	206.500	;PHENANTHRENE,PAH;NG M-3
14	1090	21.500	;ANTHRACENE,PAH;NG M-3
15	1100	13.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	98.600	;FLUORANTHENE,PAH;NG M-3
19	1140	67.200	;PYRENE,PAH;NG M-3
20	1150	19.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	12.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	21.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	42.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	17.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	10.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	8.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	12.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	656.499	;TOTAL PAH;NG M-3

SAMPLE LINE 45
SA;KET1;C50-2;SITE,KU;DATE,1980,JUN 03;TIME,1315 1850;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	4.400	WIND SPEED;MS-1
3	120	19.200	TEMPERATURE;DEG C
4	130	-1.100	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	10.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.500	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	14.800	;FLUORENE,PAH;NG M-3
12	1070	20.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	81.300	;PHENANTHRENE,PAH;NG M-3
14	1090	53.200	;ANTHRACENE,PAH;NG M-3
15	1100	2.500	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.800	;FLUORANTHENE,PAH;NG M-3
19	1140	14.800	;PYRENE,PAH;NG M-3
20	1150	17.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	96.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	2.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	370.000	;TOTAL PAH;NG M-3

SAMPLE LINE 47
SA;KET1;C52-2;SITE,KU;DATE,1980,JUN 04;TIME,1028 1806;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	4.200	WIND SPEED;MS-1
3	120	21.200	TEMPERATURE;DEG C
4	130	-1.000	DELTA T;DEG C
5	1000	1.440	;FLUORIDE;MYG M-3
6	1010	47.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	20.600	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	246.000	;FLUORENE,PAH;NG M-3
12	1070	113.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1272.600	;PHENANTHRENE,PAH;NG M-3
14	1090	126.000	;ANTHRACENE,PAH;NG M-3
15	1100	73.000	;CARBAZOLE,PAH;NG M-3
16	1110	15.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	33.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	497.200	;FLUORANTHENE,PAH;NG M-3
19	1140	321.900	;PYRENE,PAH;NG M-3
20	1150	50.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	29.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	66.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	164.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	65.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	47.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	5.700	;PERYLENE,PAH;NG M-3
29	1240	31.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	7.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	34.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	3270.296	;TOTAL PAH;NG M-3

SAMPLE LINE 49
SA;KET1;G54-2;SITE,KU;DATE,1980,JUN 05;TIME,MANCL.OPPL.;SAMPLE TYPE,PUR;
*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.260	;FLUORIDE;MYG M-3
6	1010	10.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	47.100	;FLUORENE,PAH;NG M-3
12	1070	39.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	169.600	;PHENANTHRENE,PAH;NG M-3
14	1090	22.500	;ANTHRACENE,PAH;NG M-3
15	1100	6.600	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	66.900	;FLUORANTHENE,PAH;NG M-3
19	1140	37.400	;PYRENE,PAH;NG M-3
20	1150	4.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	11.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	451.899	;TOTAL PAH;NG M-3

SAMPLE LINE 51
SA;KET1;G56-2;SITE,KU;DATE,1980,JUN 06;TIME,MANCL.OPPL.;SAMPLE TYPE,PUR;
*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.060	;FLUORIDE;MYG M-3
6	1010	0.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	23.900	;FLUORENE,PAH;NG M-3
12	1070	21.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	139.600	;PHENANTHRENE,PAH;NG M-3
14	1090	5.300	;ANTHRACENE,PAH;NG M-3
15	1100	5.300	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	11.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	31.600	;FLUORANTHENE,PAH;NG M-3
19	1140	11.400	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	249.200	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;G58-2;SITE,KU;DATE,1980,JUN 10 11;TIME,MANCL.OPPL.;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.960	;FLUORIDE;MYG M-3
6	1010	2.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.200	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	124.000	;FLUORENE,PAH;NG M-3
12	1070	24.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	536.700	;PHENANTHRENE,PAH;NG M-3
14	1090	6.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	191.900	;FLUORANTHENE,PAH;NG M-3
19	1140	114.600	;PYRENE,PAH;NG M-3
20	1150	30.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	12.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	19.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	63.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	33.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	17.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.600	;PERYLENE,PAH;NG M-3
29	1240	13.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	14.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	1216.598	;TOTAL PAH;NG M-3

SAMPLE LINE 55
SA;KET1;G60-2;SITE,KU;DATE,1980,JUN 16 17;TIME,MANCL.OPPL.;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	2.280	;FLUORIDE;MYG M-3
6	1010	14.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.300	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	190.000	;FLUORENE,PAH;NG M-3
12	1070	22.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	913.800	;PHENANTHRENE,PAH;NG M-3
14	1090	56.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	415.600	;FLUORANTHENE,PAH;NG M-3
19	1140	268.000	;PYRENE,PAH;NG M-3
20	1150	61.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	31.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	28.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	74.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	12.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	28.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	14.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.000	;PERYLENE,PAH;NG M-3
29	1240	5.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.200	;CORONENE,PAH;NG M-3
34	2000	2132.397	;TOTAL PAH;NG M-3

SAMPLE LINE 57
SA;KET1;C62-2;SITE,KU;DATE,1980,JUN 26 27;TIME,MANCL.OPPL.;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	2.690	;FLUORIDE;MYG M-3
6	1010	21.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.700	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	164.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	399.500	;PHENANTHRENE,PAH;NG M-3
14	1090	51.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	396.000	;FLUORANTHENE,PAH;NG M-3
19	1140	241.900	;PYRENE,PAH;NG M-3
20	1150	55.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	35.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	50.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	139.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	155.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	68.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	33.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	5.600	;PERYLENE,PAH;NG M-3
29	1240	30.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	10.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	28.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0,000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	1896.998	;TOTAL PAH;NG M-3

SAMPLE LINE 4
SA;KET1;C63-2;SITE,KU;DATE,1980,JULY 02 03;TIME,--;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.590	;FLUORIDE;MYG M-3
6	1010	6.100	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	70.700	;FLUORENE,PAH;NG M-3
12	1070	42.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	360.700	;PHENANTHRENE,PAH;NG M-3
14	1090	31.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	154.000	;FLUORANTHENE,PAH;NG M-3
19	1140	95.200	;PYRENE,PAH;NG M-3
20	1150	20.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	10.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	19.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	54.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	55.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	23.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	20.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.300	;PERYLENE,PAH;NG M-3
29	1240	10.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	11.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.100	;CORONENE,PAH;NG M-3
34	2000	993.299	;TOTAL PAH;NG M-3

SAMPLE LINE 6
SA;KET1;C64-2;SITE,KU;DATE,1980,JULY 08 09;TIME,0845 0915;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	1.820	;FLUORIDE;MYG M-3
6	1010	16.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	132.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	836.000	;PHENANTHRENE,PAH;NG M-3
14	1090	67.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	411.000	;FLUORANTHENE,PAH;NG M-3
19	1140	260.900	;PYRENE,PAH;NG M-3
20	1150	51.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	35.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	56.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	140.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	154.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	66.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	32.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	6.800	;PERYLENE,PAH;NG M-3
29	1240	29.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	9.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	31.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.800	;CORONENE,PAH;NG M-3
34	2000	2343.297	;TOTAL PAH;NG M-3

SAMPLE LINE 9
SA;KET1;C66-2;SITE,KU;DATE,1980,JULY 14 15;TIME,0915 0915;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	16.300	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	1.410	;FLUORIDE;MYG M-3
6	1010	5.100	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.900	;BIPHENYL,PAH;NG M-3
10	1050	25.100	;ACENAPHTENE,PAH;NG M-3
11	1060	99.900	;FLUORENE,PAH;NG M-3
12	1070	88.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	732.200	;PHENANTHRENE,PAH;NG M-3
14	1090	46.000	;ANTHRACENE,PAH;NG M-3
15	1100	2.700	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	392.100	;FLUORANTHENE,PAH;NG M-3
19	1140	274.700	;PYRENE,PAH;NG M-3
20	1150	60.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	34.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	67.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	159.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	188.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	78.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	41.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	9.400	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	33.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	11.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.400	;CORONENE,PAH;NG M-3
34	2000	2376.098	;TOTAL PAH;NG M-3

SAMPLE LINE 17
SA;KET1;C70-2;SITE,KU;DATE,1980,JULY 21 22;TIME,2008 0915;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.300	WIND SPEED;MS-1
3	120	13.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.080	;FLUORIDE;MYC M-3
6	1010	6.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.500	;BIPHENYL,PAH;NG M-3
10	1050	28.500	;ACENAPHTENE,PAH;NG M-3
11	1060	39.100	;FLUORENE,PAH;NG M-3
12	1070	17.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	136.400	;PHENANTHRENE,PAH;NG M-3
14	1090	9.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	3.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	52.700	;FLUORANTHENE,PAH;NG M-3
19	1140	30.600	;PYRENE,PAH;NG M-3
20	1150	5.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	8.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	17.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	364.300	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;C73-2;SITE,KU;DATE,1980,JULY 22;TIME,0920 2046;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.400	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.340	;FLUORIDE;MYC M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	41.400	;ACENAPHTENE,PAH;NG M-3
11	1060	60.700	;FLUORENE,PAH;NG M-3
12	1070	32.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	120.800	;PHENANTHRENE,PAH;NG M-3
14	1090	26.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	7.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	154.800	;FLUORANTHENE,PAH;NG M-3
19	1140	95.700	;PYRENE,PAH;NG M-3
20	1150	21.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	14.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	22.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	64.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	1.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	687.399	;TOTAL PAH;NG M-3

SAMPLE LINE 31
SA;KET1;C378-2;SITE,KU;DATE,1980,AUG 06 07;TIME,2008 0838;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	16.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	2.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	6.600	;ACENAPHTENE,PAH;NG M-3
11	1060	14.900	;FLUORENE,PAH;NG M-3
12	1070	7.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	80.300	;PHENANTHRENE,PAH;NG M-3
14	1090	3.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	28.900	;FLUORANTHENE,PAH;NG M-3
19	1140	13.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	158.000	;TOTAL PAH;NG M-3

SAMPLE LINE 35
SA;KET1;C580-2;SITE,KU;DATE,1980,AUG 07;TIME,0849 2146;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	7.800	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.070	;FLUORIDE;MYC M-3
6	1010	1.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	18.400	;FLUORENE,PAH;NG M-3
12	1070	7.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	81.400	;PHENANTHRENE,PAH;NG M-3
14	1090	4.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	28.400	;FLUORANTHENE,PAH;NG M-3
19	1140	13.500	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	159.200	;TOTAL PAH;NG M-3

SAMPLE LINE 41
SA;KET1;C603-2;SITE,KU;DATE,1980,AUG 14 15;TIME,2250 0950;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	10.000	WIND DIRECTION
2	110	1.800	WIND SPEED;MS-1
3	120	14.800	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.390	;FLUORIDE;MYG M-3
6	1010	96.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.000	;BIPHENYL,PAH;NG M-3
10	1050	133.000	;ACENAPHTENE,PAH;NG M-3
11	1060	141.000	;FLUORENE,PAH;NG M-3
12	1070	58.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	477.000	;PHENANTHRENE,PAH;NG M-3
14	1090	63.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	14.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	181.400	;FLUORANTHENE,PAH;NG M-3
19	1140	111.900	;PYRENE,PAH;NG M-3
20	1150	3.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	7.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	20.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	30.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	20.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	11.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.100	;PERYLENE,PAH;NG M-3
29	1240	10.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	15.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.200	;CORONENE,PAH;NG M-3
34	2000	1422.898	;TOTAL PAH;NG M-3

SAMPLE LINE 47
SA;KET1;C784-2;SITE,KU ;DATE,1980,AUG 15;TIME,1006 2141;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	13.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	1.260	;FLUORIDE;MYG M-3
6	1010	3.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.900	;BIPHENYL,PAH;NG M-3
10	1050	60.900	;ACENAPHTENE,PAH;NG M-3
11	1060	81.500	;FLUORENE,PAH;NG M-3
12	1070	53.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	436.700	;PHENANTHRENE,PAH;NG M-3
14	1090	52.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	26.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	11.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	196.000	;FLUORANTHENE,PAH;NG M-3
19	1140	123.000	;PYRENE,PAH;NG M-3
20	1150	16.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	17.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	28.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	72.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	39.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	31.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	12.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.300	;PERYLENE,PAH;NG M-3
29	1240	17.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	21.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.700	;CORONENE,PAH;NG M-3
34	2000	1316.797	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;C889-2;SITE,KU;DATE,1980,AUG 18 19;TIME,2133 0945;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	11.000	TEMPERATURE;DEG C
4	130	1.100	DELTA T;DEG C
5	1000	0.240	;FLUORIDE;MYG M-3
6	1010	1.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.700	;BIPHENYL,PAH;NG M-3
10	1050	37.100	;ACENAPHTENE,PAH;NG M-3
11	1060	29.400	;FLUORENE,PAH;NG M-3
12	1070	15.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	104.200	;PHENANTHRENE,PAH;NG M-3
14	1090	9.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	6.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	39.200	;FLUORANTHENE,PAH;NG M-3
19	1140	22.700	;PYRENE,PAH;NG M-3
20	1150	3.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	2.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.600	;CORONENE,PAH;NG M-3
34	2000	320.299	;TOTAL PAH;NG M-3

SAMPLE LINE 59
SA;KET1;C1091-2;SITE,KU;DATE,1980,AUG 19;TIME,0954 2030;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	5.300	WIND SPEED;MS-1
3	120	18.800	TEMPERATURE;DEG C
4	130	-0.900	DELTA T;DEG C
5	1000	0.260	;FLUORIDE;MYG M-3
6	1010	8.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.200	;BIPHENYL,PAH;NG M-3
10	1050	7.500	;ACENAPHTENE,PAH;NG M-3
11	1060	38.900	;FLUORENE,PAH;NG M-3
12	1070	18.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	203.700	;PHENANTHRENE,PAH;NG M-3
14	1090	21.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	12.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	99.800	;FLUORANTHENE,PAH;NG M-3
19	1140	63.200	;PYRENE,PAH;NG M-3
20	1150	4.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	10.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	21.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	19.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	3.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	574.599	;TOTAL PAH;NG M-3

SAMPLE LINE 69
SA;KET1;C998-2;SITE,KU;DATE,1980,AUG 26 27;TIME,1953 0922;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	9.100	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.070	;FLUORIDE;MYG M-3

SAMPLE LINE 71
SA;KET1;C1299-2;SITE,KU;DATE,1980,AUG 27;TIME,0932 2055;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.100	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	-1.100	DELTA T;DEG C
5	1000	1.630	;FLUORIDE;MYG M-3
6	1010	5.800	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.500	;BIPHENYL,PAH;NG M-3
10	1050	92.000	;ACENAPHTENE,PAH;NG M-3
11	1060	135.000	;FLUORENE,PAH;NG M-3
12	1070	90.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	671.500	;PHENANTHRENE,PAH;NG M-3
14	1090	86.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	42.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	27.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	320.400	;FLUORANTHENE,PAH;NG M-3
19	1140	217.300	;PYRENE,PAH;NG M-3
20	1150	24.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	31.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	48.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	137.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	164.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	69.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	33.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	7.900	;PERYLENE,PAH;NG M-3
29	1240	35.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	14.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	45.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	33.100	;CORONENE,PAH;NG M-3
34	2000	2337.297	;TOTAL PAH;NG M-3

SAMPLE LINE 83
SA;KET1;C1912-2;SITE,KU;DATE,1980,NOV 18 19;TIME,2020 0834;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	6.400	WIND SPEED;MS-1
3	120	-2.000	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	18.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.000	;BIPHENYL,PAH;NG M-3
10	1050	1.300	;ACENAPHTENE,PAH;NG M-3
11	1060	2.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	8.700	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.000	;FLUORANTHENE,PAH;NG M-3
19	1140	2.500	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	38.300	;TOTAL PAH;NG M-3

SAMPLE LINE 87
SA;KET1;C1815-2;SITE,KU;DATE,1980,NOV 19;TIME,0901 2041;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.000	WIND SPEED;MS-1
3	120	-2.800	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	77.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.200	;BIPHENYL,PAH;NG M-3
10	1050	4.100	;ACENAPHTENE,PAH;NG M-3
11	1060	8.700	;FLUORENE,PAH;NG M-3
12	1070	5.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	23.300	;PHENANTHRENE,PAH;NG M-3
14	1090	1.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.020	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	16.700	;FLUORANTHENE,PAH;NG M-3
19	1140	10.900	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	163.270	;TOTAL PAH;NG M-3

SAMPLE LINE 129
SA;KET1;C2036-2;SITE,KU;DATE,1980,DES 08 09;TIME,2045 0613;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	-0.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	442.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	21.100	;BIPHENYL,PAH;NG M-3
10	1050	136.000	;ACENAPHTENE,PAH;NG M-3
11	1060	75.700	;FLUORENE,PAH;NG M-3
12	1070	18.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	176.400	;PHENANTHRENE,PAH;NG M-3
14	1090	19.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	59.400	;FLUORANTHENE,PAH;NG M-3
19	1140	37.600	;PYRENE,PAH;NG M-3
20	1150	2.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	13.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.000	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE DAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	1.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.100	;CORONENE,PAH;NG M-3
34	2000	1040.498	;TOTAL PAH;NG M-3

SAMPLE LINE 141
SA;KET1;C1742-2;SITE,KU;DATE,1980,DES 09;TIME,0703 1955;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	-0.700	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	46.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	26.100	;BIPHENYL,PAH;NG M-3
10	1050	58.200	;ACENAPHTENE,PAH;NG M-3
11	1060	43.800	;FLUORENE,PAH;NG M-3
12	1070	11.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	94.100	;PHENANTHRENE,PAH;NG M-3
14	1090	8.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.700	;FLUORANTHENE,PAH;NG M-3
19	1140	22.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	11.700	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.000	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	380.399	;TOTAL PAH;NG M-3

SAMPLE LINE 145
SA;KET1;C2745-2;SITE,KU;DATE,1980,DES 18 19;TIME,2025 0544;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	18.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	166.000	;NAPHTALENE,PAH;NG M-3
7	1020	70.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	47.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.800	;BIPHENYL,PAH;NG M-3
10	1050	61.900	;ACENAPHTENE,PAH;NG M-3
11	1060	30.500	;FLUORENE,PAH;NG M-3
12	1070	2.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	82.700	;PHENANTHRENE,PAH;NG M-3
14	1090	3.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.400	;FLUORANTHENE,PAH;NG M-3
19	1140	15.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	523.999	;TOTAL PAH;NG M-3

SAMPLE LINE 155
SA;KET1;C2950-2;SITE,KU;DATE,1980,DES 19;TIME,0733 1925;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.300	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-3.400	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	65.100	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	15.100	;BIPHENYL,PAH;NG M-3
10	1050	16.000	;ACENAPHTENE,PAH;NG M-3
11	1060	23.300	;FLUORENE,PAH;NG M-3
12	1070	2.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	56.300	;PHENANTHRENE,PAH;NG M-3
14	1090	2.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	17.100	;FLUORANTHENE,PAH;NG M-3
19	1140	13.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190.	6.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.000	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.000	;PERYLENE,PAH;NG M-3
29	1240	1.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	230.000	;TOTAL PAH;NG M-3

SAMPLE LINE 3
SA;KET1;G3353-2;SITE,KU;DATE,1981,JAN 12 13;TIME,2018 0523;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	-3.600	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;MYG M-3
6	1010	128.000	;NAPHTALENE,PAH;NG M-3
7	1020	48.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	27.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.600	;BIPHENYL,PAH;NG M-3
10	1050	27.500	;ACENAPHTENE,PAH;NG M-3
11	1060	11.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	20.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.600	;FLUORANTHENE,PAH;NG M-3
19	1140	6.700	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	295.900	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET1;G2857-2;SITE,KU;DATE,1981,JAN 13;TIME,0613 1930;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	5.200	WIND SPEED;MS-1
3	120	-5.500	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	157.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.800	;BIPHENYL,PAH;NG M-3
10	1050	16.900	;ACENAPHTENE,PAH;NG M-3
11	1060	19.200	;FLUORENE,PAH;NG M-3
12	1070	2.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	34.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.900	;FLUORANTHENE,PAH;NG M-3
19	1140	11.000	;PYRENE,PAH;NG M-3
20	1150	0.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.490	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.600	;CORONENE,PAH;NG M-3
34	2000	286.499	;TOTAL PAH;NG M-3

SAMPLE LINE 19
SA;KET1;G2161-2;SITE,KU;DATE,1981,JAN 20 21;TIME,1945 0515;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	-9.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	225.000	;NAPHTALENE,PAH;NG M-3
7	1020	112.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	64.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	18.200	;BIPHENYL,PAH;NG M-3
10	1050	14.300	;ACENAPHTENE,PAH;NG M-3
11	1060	21.700	;FLUORENE,PAH;NG M-3
12	1070	2.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	47.000	;PHENANTHRENE,PAH;NG M-3
14	1090	3.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.100	;FLUORANTHENE,PAH;NG M-3
19	1140	19.300	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	5.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3.
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	568.999	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;G2668-2;SITE,KU;DATE,1981,JAN 21;TIME,0611 1805;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-9.000	TEMPERATURE;DEG C
4	130	1.200	DELTA T;DEG C
5	1000	0.110	;FLUORIDE;MYG M-3
6	1010	786.000	;NAPHTALENE,PAH;NG M-3
7	1020	495.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	252.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	61.000	;BIPHENYL,PAH;NG M-3
10	1050	80.800	;ACENAPHTENE,PAH;NG M-3
11	1060	89.800	;FLUORENE,PAH;NG M-3
12	1070	24.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	172.200	;PHENANTHRENE,PAH;NG M-3
14	1090	12.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	94.100	;FLUORANTHENE,PAH;NG M-3
19	1140	75.000	;PYRENE,PAH;NG M-3
20	1150	7.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	8.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	13.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	23.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	21.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	6.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	5.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	10.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.100	;CORONENE,PAH;NG M-3
34	2000	2261.994	;TOTAL PAH;NG M-3

SAMPLE LINE 111
SA;KET1;C2070-2;SITE,KU;DATE,1981,JAN 28 29;TIME,0957 0035;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	3.900	TEMPERATURE;DEG C
4	130	0.900	DELTA T;DEG C
5	1000	0.210	;FLUORIDE;MYG M-3
6	1010	163.000	;NAPHTALENE,PAH;NG M-3
7	1020	162.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	95.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	52.800	;BIPHENYL,PAH;NG M-3
10	1050	436.000	;ACENAPHTENE,PAH;NG M-3
11	1060	146.000	;FLUORENE,PAH;NG M-3
12	1070	66.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	375.600	;PHENANTHRENE,PAH;NG M-3
14	1090	54.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	13.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	196.400	;FLUORANTHENE,PAH;NG M-3
19	1140	122.800	;PYRENE,PAH;NG M-3
20	1150	12.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	15.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	17.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	24.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	17.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.800	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	6.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.500	;PERYLENE,PAH;NG M-3
29	1240	2.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	1993.797	;TOTAL PAH;NG M-3

SAMPLE LINE 45
SA;KET1;C3070-2;SITE,KU;DATE,1981,FEB 05 06;TIME,1104 1009;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-5.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.100	;FLUORIDE;MYG M-3
6	1010	186.000	;NAPHTALENE,PAH;NG M-3
7	1020	177.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	98.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	23.000	;BIPHENYL,PAH;NG M-3
10	1050	78.000	;ACENAPHTENE,PAH;NG M-3
11	1060	37.700	;FLUORENE,PAH;NG M-3
12	1070	12.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	95.500	;PHENANTHRENE,PAH;NG M-3
14	1090	9.830	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.230	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	43.500	;FLUORANTHENE,PAH;NG M-3
19	1140	28.830	;PYRENE,PAH;NG M-3
20	1150	2.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.300	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.800	;CORONENE,PAH;NG M-3
34	2000	841.198	;TOTAL PAH;NG M-3

SAMPLE LINE 49
SA;KET1;C3981-2;SITE,KU;DATE,1981,FEB 09 10;TIME,1052 1042;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.500	WIND SPEED;MS-1
3	120	-2.100	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	96.700	;NAPHTALENE,PAH;NG M-3
7	1020	94.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	44.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.700	;BIPHENYL,PAH;NG M-3
10	1050	9.500	;ACENAPHTENE,PAH;NG M-3
11	1060	9.500	;FLUORENE,PAH;NG M-3
12	1070	2.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	17.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.800	;FLUORANTHENE,PAH;NG M-3
19	1140	3.800	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.400	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	302.999	;TOTAL PAH;NG M-3

SAMPLE LINE 57
SA;KET1;C3185-2;SITE,KU;DATE,1981,FEB 17 18;TIME,1426 1310;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	-4.300	TEMPERATURE;DEG C
4	130	1.300	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;MYG M-3
6	1010	98.700	;NAPHTALENE,PAH;NG M-3
7	1020	148.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	81.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	24.500	;BIPHENYL,PAH;NG M-3
10	1050	7.000	;ACENAPHTENE,PAH;NG M-3
11	1060	29.100	;FLUORENE,PAH;NG M-3
12	1070	3.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	45.300	;PHENANTHRENE,PAH;NG M-3
14	1090	2.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.600	;FLUORANTHENE,PAH;NG M-3
19	1140	10.900	;PYRENE,PAH;NG M-3
20	1150	0.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.200	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	480.399	;TOTAL PAH;NG M-3

SAMPLE LINE 69
SA;KET1;G1691-2;SITE,KU;DATE,1981,FEB 25 26;TIME,0900 0943;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-3.100	TEMPERATURE;DEG C
4	130	-0.500	DELTA T;DEG C
5	1000	0.080	;FLUORIDE;NYG M-3
6	1010	152.000	;NAPHTALENE,PAH;NG M-3
7	1020	66.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	36.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	19.000	;BIPHENYL,PAH;NG M-3
10	1050	58.800	;ACENAPHTENE,PAH;NG M-3
11	1060	31.100	;FLUORENE,PAH;NG M-3
12	1070	13.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	81.100	;PHENANTHRENE,PAH;NG M-3
14	1090	7.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	34.100	;FLUORANTHENE,PAH;NG M-3
19	1140	20.300	;PYRENE,PAH;NG M-3
20	1150	2.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.600	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	550.499	;TOTAL PAH;NG M-3

SAMPLE LINE 73
SA;KET1;G3693-2;SITE,KU;DATE,1981,MAR 05 06;TIME,1142 1120;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.600	WIND SPEED;MS-1
3	120	-13.700	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.070	;FLUORIDE;NYG M-3
6	1010	278.000	;NAPHTALENE,PAH;NG M-3
7	1020	272.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	144.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	32.500	;BIPHENYL,PAH;NG M-3
10	1050	183.500	;ACENAPHTENE,PAH;NG M-3
11	1060	89.700	;FLUORENE,PAH;NG M-3
12	1070	22.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	244.500	;PHENANTHRENE,PAH;NG M-3
14	1090	29.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	84.100	;FLUORANTHENE,PAH;NG M-3
19	1140	54.000	;PYRENE,PAH;NG M-3
20	1150	4.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	11.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.900	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	2.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	1489.997	;TOTAL PAH;NG M-3

SAMPLE LINE 85
SA;KET1;G3799-2;SITE,KU;DATE,1981,MAR 09 10;TIME,1142 1229;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	8.100	WIND SPEED;MS-1
3	120	-2.200	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;NYG M-3
6	1010	14.400	;NAPHTALENE,PAH;NG M-3
7	1020	23.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	11.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.400	;BIPHENYL,PAH;NG M-3
10	1050	8.100	;ACENAPHTENE,PAH;NG M-3
11	1060	11.300	;FLUORENE,PAH;NG M-3
12	1070	4.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	26.700	;PHENANTHRENE,PAH;NG M-3
14	1090	1.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.600	;FLUORANTHENE,PAH;NG M-3
19	1140	4.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	127.000	;TOTAL PAH;NG M-3

SAMPLE LINE 89
SA;KET1;G3501-2;SITE, KU ;DATE,1981,MAR 17 18;TIME,1012 1330;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	0.100	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.110	;FLUORIDE;NYG M-3
6	1010	1.400	;NAPHTALENE,PAH;NG M-3
7	1020	5.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.050	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.050	;BIPHENYL,PAH;NG M-3
10	1050	2.400	;ACENAPHTENE,PAH;NG M-3
11	1060	0.050	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	4.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.800	;FLUORANTHENE,PAH;NG M-3
19	1140	11.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	50.550	;TOTAL PAH;NG M-3

SAMPLE LINE 93
SA;KET1;C3405-2;SITE,KU;DATE,1981,MAR 25 26;TIME,1006 1015;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	0.800	TEMPERATURE;DEG C
4	130	0.700	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	54.800	;NAPHTALENE,PAH;NG M-3
7	1020	107.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	63.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.300	;DIPHENYL,PAH;NG M-3
10	1050	13.900	;ACENAPHTENE,PAH;NG M-3
11	1060	21.400	;FLUORENE,PAH;NG M-3
12	1070	1.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	41.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.200	;FLUORANTHENE,PAH;NG M-3
19	1140	9.100	;PYRENE,PAH;NG M-3
20	1150	0.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	349.749	;TOTAL PAH;NG M-3

SAMPLE LINE 101
SA;KET1;C3209-2;SITE,KU;DATE,1981,APR 02 03;TIME,1035 0841;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	7.700	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	55.500	;NAPHTALENE,PAH;NG M-3
7	1020	62.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	42.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.500	;DIPHENYL,PAH;NG M-3
10	1050	39.800	;ACENAPHTENE,PAH;NG M-3
11	1060	23.000	;FLUORENE,PAH;NG M-3
12	1070	1.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	64.800	;PHENANTHRENE,PAH;NG M-3
14	1090	0.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	19.600	;FLUORANTHENE,PAH;NG M-3
19	1140	11.400	;PYRENE,PAH;NG M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	340.599	;TOTAL PAH;NG M-3

SAMPLE LINE 123
SA;KET1;C3813-2;SITE,KU;DATE,1981,APR 06 07;TIME,1158 1207;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	7.200	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	6.900	;NAPHTALENE,PAH;NG M-3
7	1020	10.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;DIPHENYL,PAH;NG M-3
10	1050	5.600	;ACENAPHTENE,PAH;NG M-3
11	1060	9.900	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	24.700	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.900	;FLUORANTHENE,PAH;NG M-3
19	1140	2.200	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	73.600	;TOTAL PAH;NG M-3

SAMPLE LINE 135
SA;KET1;C3620-2;SITE,KU;DATE,1981,APR 14 15;TIME,1033 1253;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	9.600	WIND SPEED;MS-1
3	120	7.300	TEMPERATURE;DEG C
4	130	-1.200	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	6.000	;NAPHTALENE,PAH;NG M-3
7	1020	4.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;DIPHENYL,PAH;NG M-3
10	1050	3.700	;ACENAPHTENE,PAH;NG M-3
11	1060	5.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	15.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.400	;FLUORANTHENE,PAH;NG M-3
19	1140	2.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	47.700	;TOTAL PAH;NG M-3

SAMPLE LINE 137
SA;KET1;C4321-2;SITE,KU;DATE,1981,APR 22 23;TIME,1205 1113;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.057	;FLUORIDE;MYC M-3
6	1010	13.800	;NAPHTALENE,PAH;NG M-3
7	1020	25.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.800	;BIPHENYL,PAH;NG M-3
10	1050	43.600	;ACENAPHTENE,PAH;NG M-3
11	1060	22.400	;FLUORENE,PAH;NG M-3
12	1070	6.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	54.200	;PHENANTHRENE,PAH;NG M-3
14	1090	5.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	20.700	;FLUORANTHENE,PAH;NG M-3
19	1140	13.500	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	239.200	;TOTAL PAH;NG M-3

SAMPLE LINE 147
SA;KET1;C4825-2;SITE,KU;DATE,1981,MAY 07 08;TIME,1408 1044;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	8.800	TEMPERATURE;DEG C
4	130	0.200	DELTA T;DEG C
5	1000	0.279	;FLUORIDE;MYC M-3
6	1010	14.300	;NAPHTALENE,PAH;NG M-3
7	1020	39.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	25.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	20.000	;BIPHENYL,PAH;NG M-3
10	1050	128.000	;ACENAPHTENE,PAH;NG M-3
11	1060	90.200	;FLUORENE,PAH;NG M-3
12	1070	29.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	251.400	;PHENANTHRENE,PAH;NG M-3
14	1090	22.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.350	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	100.500	;FLUORANTHENE,PAH;NG M-3
19	1140	54.900	;PYRENE,PAH;NG M-3
20	1150	10.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	10.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	28.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	28.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	12.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	5.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	903.749	;TOTAL PAH;NG M-3

SAMPLE LINE 137
SA;KET1;C4730-2;SITE,KU;DATE,1981,MAY 11 12;TIME,1418 1334;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	8.600	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.162	;FLUORIDE;MYC M-3
6	1010	6.200	;NAPHTALENE,PAH;NG M-3
7	1020	10.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.000	;BIPHENYL,PAH;NG M-3
10	1050	79.000	;ACENAPHTENE,PAH;NG M-3
11	1060	84.000	;FLUORENE,PAH;NG M-3
12	1070	32.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	293.100	;PHENANTHRENE,PAH;NG M-3
14	1090	25.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	124.500	;FLUORANTHENE,PAH;NG M-3
19	1140	69.900	;PYRENE,PAH;NG M-3
20	1150	12.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	8.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	19.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	806.299	;TOTAL PAH;NG M-3

SAMPLE LINE 3
SA;KET1;C4035-2;SITE,KU;DATE,1981,MAY 19 20;TIME,2150 0612;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	7.800	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.258	;FLUORIDE;MYG M-3
6	1010	68.900	;NAPHTALENE,PAH;NG M-3
7	1020	92.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	53.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	20.400	;BIPHENYL,PAH;NG M-3
10	1050	55.400	;ACENAPHTENE,PAH;NG M-3
11	1060	52.400	;FLUORENE,PAH;NG M-3
12	1070	14.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	145.000	;PHENANTHRENE,PAH;NG M-3
14	1090	7.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.600	;FLUORANTHENE,PAH;NG M-3
19	1140	22.600	;PYRENE,PAH;NG M-3
20	1150	6.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	23.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	21.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	13.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.800	;PERYLENE,PAH;NG M-3
29	1240	8.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.800	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	677.749	;TOTAL PAH;NG M-3

SAMPLE LINE 13
SA;KET1;C4440-2;SITE,KU;DATE,1981,MAY 20;TIME,0625 2125;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	14.700	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	1.440	;FLUORIDE;MYG M-3
6	1010	26.600	;NAPHTALENE,PAH;NG M-3
7	1020	44.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	25.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.000	;BIPHENYL,PAH;NG M-3
10	1050	233.000	;ACENAPHTENE,PAH;NG M-3
11	1060	353.000	;FLUORENE,PAH;NG M-3
12	1070	147.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1394.099	;PHENANTHRENE,PAH;NG M-3
14	1090	131.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	34.750	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	620.400	;FLUORANTHENE,PAH;NG M-3
19	1140	362.700	;PYRENE,PAH;NG M-3
20	1150	81.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	58.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	52.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	152.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	93.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	47.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	19.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.000	;PERYLENE,PAH;NG M-3
29	1240	21.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	7.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	27.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	6.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.600	;CORONENE,PAH;NG M-3
34	2000	3963.145	;TOTAL PAH;NG M-3

SAMPLE LINE 27
SA;KET1;C4149-2;SITE,KU;DATE,1981,JUN 03 04;TIME,2150 1156;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.900	WIND SPEED;MS-1
3	120	13.800	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	11.300	;NAPHTALENE,PAH;NG M-3
7	1020	12.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	6.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	13.700	;BIPHENYL,PAH;NG M-3
10	1050	250.000	;ACENAPHTENE,PAH;NG M-3
11	1060	244.000	;FLUORENE,PAH;NG M-3
12	1070	90.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	709.100	;PHENANTHRENE,PAH;NG M-3
14	1090	106.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	20.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	260.700	;FLUORANTHENE,PAH;NG M-3
19	1140	162.000	;PYRENE,PAH;NG M-3
20	1150	17.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	24.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	20.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	34.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	24.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	2.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	2019.547	;TOTAL PAH;NG M-3

SAMPLE LINE 35
SA;KET1;C4653-2;SITE,KU;DATE,1981,JUN 04;TIME,1206 2115;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.300	WIND SPEED;MS-1
3	120	13.700	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	1.450	;FLUORIDE;MYG M-3
6	1010	72.400	;NAPHTALENE,PAH;NG M-3
7	1020	71.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	39.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	20.500	;BIPHENYL,PAH;NG M-3
10	1050	346.000	;ACENAPHTENE,PAH;NG M-3
11	1060	307.000	;FLUORENE,PAH;NG M-3
12	1070	131.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1186.700	;PHENANTHRENE,PAH;NG M-3
14	1090	135.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	31.750	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	481.100	;FLUORANTHENE,PAH;NG M-3
19	1140	287.800	;PYRENE,PAH;NG M-3
20	1150	58.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	42.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	47.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	101.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	92.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	38.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	12.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.830	;PERYLENE,PAH;NG M-3
29	1240	15.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	15.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.600	;CORONENE,PAH;NG M-3
34	2000	3544.693	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KETI;C51010-2;SITE,KU;DATE,1981,JUN 24 25;TIME,2140 1100;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	0.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.229	;FLUORIDE;HYC M-3
6	1010	5.400	;NAPHTALENE,PAH;NG M-3
7	1020	14.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.800	;BIPHENYL,PAH;NG M-3
10	1050	20.700	;ACENAPHTENE,PAH;NG M-3
11	1060	47.700	;FLUORENE,PAH;NG M-3
12	1070	21.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	176.400	;PHENANTHRENE,PAH;NG M-3
14	1090	7.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	58.000	;FLUORANTHENE,PAH;NG M-3
19	1140	26.900	;PYRENE,PAH;NG M-3
20	1150	3.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.000	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	421.299	;TOTAL PAH;NG M-3

SAMPLE LINE 59
SA;KETI;C52022-2;SITE,KU;DATE,1981,JUN 25;TIME,1123 2135;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYC M-3
6	1010	11.200	;NAPHTALENE,PAH;NG M-3
7	1020	28.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	17.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.800	;BIPHENYL,PAH;NG M-3
10	1050	18.300	;ACENAPHTENE,PAH;NG M-3
11	1060	34.800	;FLUORENE,PAH;NG M-3
12	1070	12.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	138.000	;PHENANTHRENE,PAH;NG M-3
14	1090	6.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	44.100	;FLUORANTHENE,PAH;NG M-3
19	1140	18.400	;PYRENE,PAH;NG M-3
20	1150	1.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	347.449	;TOTAL PAH;NG M-3

SAMPLE LINE 69
SA;KETI;C53013-2;SITE,KU;DATE,1981,JUL 02 03;TIME,2141 1103;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.312	;FLUORIDE;HYC M-3
6	1010	26.500	;NAPHTALENE,PAH;NG M-3
7	1020	46.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	30.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.500	;BIPHENYL,PAH;NG M-3
10	1050	62.500	;ACENAPHTENE,PAH;NG M-3
11	1060	76.100	;FLUORENE,PAH;NG M-3
12	1070	27.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	238.600	;PHENANTHRENE,PAH;NG M-3
14	1090	17.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	101.000	;FLUORANTHENE,PAH;NG M-3
19	1140	50.600	;PYRENE,PAH;NG M-3
20	1150	5.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	21.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	13.830	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	3.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	767.249	;TOTAL PAH;NG M-3

SAMPLE LINE 81
SA;KETI;C53029-2;SITE,KU;DATE,1981,JUL 03;TIME,1111 2154;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	23.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	1.270	;FLUORIDE;HYC M-3
6	1010	23.400	;NAPHTALENE,PAH;NG M-3
7	1020	24.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	13.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.100	;BIPHENYL,PAH;NG M-3
10	1050	97.000	;ACENAPHTENE,PAH;NG M-3
11	1060	214.800	;FLUORENE,PAH;NG M-3
12	1070	93.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	780.600	;PHENANTHRENE,PAH;NG M-3
14	1090	91.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	23.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	312.900	;FLUORANTHENE,PAH;NG M-3
19	1140	179.900	;PYRENE,PAH;NG M-3
20	1150	28.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	22.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	26.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	66.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	60.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	17.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	6.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.800	;PERYLENE,PAH;NG M-3
29	1240	8.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	11.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.700	;CORONENE,PAH;NG M-3
34	2000	2115.596	;TOTAL PAH;NG M-3

SAMPLE LINE 89
SA;KET1;C5273-2;SITE,KU;DATE,1981,JUL 06 07;TIME,2036 1005;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	25.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.081	;FLUORIDE;MYG M-3
6	1010	2.300	;NAPHTALENE,PAH;NG M-3
7	1020	2.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.000	;BIPHENYL,PAH;NG M-3
10	1050	7.300	;ACENAPHTENE,PAH;NG M-3
11	1060	15.000	;FLUORENE,PAH;NG M-3
12	1070	7.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	70.300	;PHENANTHRENE,PAH;NG M-3
14	1090	4.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.050	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	27.600	;FLUORANTHENE,PAH;NG M-3
19	1140	11.800	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.330	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	178.000	;TOTAL PAH;NG M-3

SAMPLE LINE 93
SA;KET1;C5473-2;SITE,KU;DATE,1981,JUL 07;TIME,1015 2040;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.096	;FLUORIDE;MYG M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	1.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	3.900	;ACENAPHTENE,PAH;NG M-3
11	1060	9.900	;FLUORENE,PAH;NG M-3
12	1070	4.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	55.300	;PHENANTHRENE,PAH;NG M-3
14	1090	7.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.700	;FLUORANTHENE,PAH;NG M-3
19	1140	9.100	;PYRENE,PAH;NG M-3
20	1150	0.050	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.050	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.650	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	129.550	;TOTAL PAH;NG M-3

SAMPLE LINE 101
SA;KET1;C5516-2;SITE,KU;DATE,1981,JUL 14 15;TIME,2200 0955;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.033	;FLUORIDE;MYG M-3
6	1010	9.200	;NAPHTALENE,PAH;NG M-3
7	1020	12.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.200	;BIPHENYL,PAH;NG M-3
10	1050	13.600	;ACENAPHTENE,PAH;NG M-3
11	1060	21.600	;FLUORENE,PAH;NG M-3
12	1070	9.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	85.200	;PHENANTHRENE,PAH;NG M-3
14	1090	6.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	30.600	;FLUORANTHENE,PAH;NG M-3
19	1140	14.600	;PYRENE,PAH;NG M-3
20	1150	1.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.300	;PERYLENE,PAH;NG M-3
29	1240	2.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.000	;CORONENE,PAH;NG M-3
34	2000	246.200	;TOTAL PAH;NG M-3

SAMPLE LINE 115
SA;KET1;C5633-2;SITE,KU;DATE,1981,JUL 15;TIME,1004 2136;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.072	;FLUORIDE;MYG M-3
6	1010	9.600	;NAPHTALENE,PAH;NG M-3
7	1020	13.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.000	;BIPHENYL,PAH;NG M-3
10	1050	10.800	;ACENAPHTENE,PAH;NG M-3
11	1060	23.900	;FLUORENE,PAH;NG M-3
12	1070	10.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	105.600	;PHENANTHRENE,PAH;NG M-3
14	1090	6.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.650	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	38.600	;FLUORANTHENE,PAH;NG M-3
19	1140	18.000	;PYRENE,PAH;NG M-3
20	1150	1.150	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.850	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	260.849	;TOTAL PAH;NG M-3

SAMPLE LINE 117
SA;KET1;C5679-2;SITE,KU;DATE,1981,JUL 22 23;TIME,1955 1030;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.087	;FLUORIDE;MYG M-3
6	1010	10.300	;NAPHTALENE,PAH;NG M-3
7	1020	13.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.400	;BIPHENYL,PAH;NG M-3
10	1050	12.500	;ACENAPHTENE,PAH;NG M-3
11	1060	31.200	;FLUORENE,PAH;NG M-3
12	1070	14.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	124.400	;PHENANTHRENE,PAH;NG M-3
14	1090	8.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.050	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.850	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.100	;FLUORANTHENE,PAH;NG M-3
19	1140	23.200	;PYRENE,PAH;NG M-3
20	1150	1.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.700	;CORONENE,PAH;NG M-3
34	2000	316.399	;TOTAL PAH;NG M-3

SAMPLE LINE 127
SA;KET1;C5684-2;SITE,KU;DATE,1981,JUL 23;TIME,1050 2055;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.078	;FLUORIDE;MYG M-3
6	1010	33.800	;NAPHTALENE,PAH;NG M-3
7	1020	36.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	21.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.600	;BIPHENYL,PAH;NG M-3
10	1050	32.900	;ACENAPHTENE,PAH;NG M-3
11	1060	72.200	;FLUORENE,PAH;NG M-3
12	1070	35.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	306.000	;PHENANTHRENE,PAH;NG M-3
14	1090	24.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	12.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	147.200	;FLUORANTHENE,PAH;NG M-3
19	1140	82.200	;PYRENE,PAH;NG M-3
20	1150	8.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	6.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.890	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.890	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	842.249	;TOTAL PAH;NG M-3

SAMPLE LINE 5
SA;KET1;C5740-2;SITE,KU;DATE,1981,JUL 30 31;TIME,1950 0925;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.127	;FLUORIDE;MYG M-3
6	1010	7.800	;NAPHTALENE,PAH;NG M-3
7	1020	3.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.300	;BIPHENYL,PAH;NG M-3
10	1050	9.000	;ACENAPHTENE,PAH;NG M-3
11	1060	27.900	;FLUORENE,PAH;NG M-3
12	1070	13.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	145.100	;PHENANTHRENE,PAH;NG M-3
14	1090	7.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	51.800	;FLUORANTHENE,PAH;NG M-3
19	1140	25.700	;PYRENE,PAH;NG M-3
20	1150	1.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.200	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	307.000	;TOTAL PAH;NG M-3

SAMPLE LINE 15
SA;KET1;C5689-2;SITE,KU;DATE,1981,JUL 31;TIME,0930 2032;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.193	;FLUORIDE;MYG M-3
6	1010	14.300	;NAPHTALENE,PAH;NG M-3
7	1020	4.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.100	;BIPHENYL,PAH;NG M-3
10	1050	21.800	;ACENAPHTENE,PAH;NG M-3
11	1060	38.900	;FLUORENE,PAH;NG M-3
12	1070	16.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	169.300	;PHENANTHRENE,PAH;NG M-3
14	1090	14.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.090	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	70.600	;FLUORANTHENE,PAH;NG M-3
19	1140	38.500	;PYRENE,PAH;NG M-3
20	1150	5.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.600	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	2.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.800	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	443.999	;TOTAL PAH;NG M-3

SAMPLE LINE 67
SA;KET1;C6018-2;SITE,KU;DATE,1981,AUG 19 20;TIME,2205 1116;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	10.600	TEMPERATURE;DEG C
4	130	0.700	DELTA T; DEG C
5	1000	0.414	;FLUORIDE;MYG M-3
6	1010	19.100	;NAPHTALENE,PAH;NG M-3
7	1020	8.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.500	;BIPHENYL,PAH;NG M-3
10	1050	28.600	;ACENAPHTENE,PAH;NG M-3
11	1060	40.800	;FLUORENE,PAH;NG M-3
12	1070	14.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	123.000	;PHENANTHRENE,PAH;NG M-3
14	1090	9.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	44.600	;FLUORANTHENE,PAH;NG M-3
19	1140	24.100	;PYRENE,PAH;NG M-3
20	1150	3.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.000	;CORONENE,PAH;NG M-3
34	2000	368.899	;TOTAL PAH;NG M-3

SAMPLE LINE 77
SA;KET1;C1923-2;SITE,KU;DATE,1981,AUG 20;TIME,1125 2100;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	1.600	DELTA T; DEG C
5	1000	0.414	;FLUORIDE;MYG M-3
6	1010	17.900	;NAPHTALENE,PAH;NG M-3
7	1020	9.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.500	;BIPHENYL,PAH;NG M-3
10	1050	53.000	;ACENAPHTENE,PAH;NG M-3
11	1060	65.400	;FLUORENE,PAH;NG M-3
12	1070	27.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	240.700	;PHENANTHRENE,PAH;NG M-3
14	1090	24.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	99.700	;FLUORANTHENE,PAH;NG M-3
19	1140	60.300	;PYRENE,PAH;NG M-3
20	1150	13.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	8.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	13.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	25.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	43.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	10.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	7.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	749.999	;TOTAL PAH;NG M-3

SAMPLE LINE 89
SA;KET1;C6030-2;SITE,KU;DATE,1981,AUG 27 28;TIME,1935 1035;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	34.000	WIND DIRECTION
2	110	8.300	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T; DEG C
5	1000	0.042	;FLUORIDE;MYG M-3
6	1010	6.000	;NAPHTALENE,PAH;NG M-3
7	1020	3.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.600	;BIPHENYL,PAH;NG M-3
10	1050	3.100	;ACENAPHTENE,PAH;NG M-3
11	1060	6.700	;FLUORENE,PAH;NG M-3
12	1070	2.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	24.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.100	;FLUORANTHENE,PAH;NG M-3
19	1140	4.300	;PYRENE,PAH;NG M-3
20	1150	0.350	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.350	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	70.500	;TOTAL PAH;NG M-3

SAMPLE LINE 95
SA;KET1;C6033-2;SITE,KU;DATE,1981,AUG 28;TIME,1045 2137;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	3.000	WIND DIRECTION
2	110	6.800	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T; DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	26.400	;NAPHTALENE,PAH;NG M-3
7	1020	7.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.400	;BIPHENYL,PAH;NG M-3
10	1050	13.400	;ACENAPHTENE,PAH;NG M-3
11	1060	18.300	;FLUORENE,PAH;NG M-3
12	1070	4.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	45.000	;PHENANTHRENE,PAH;NG M-3
14	1090	3.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	19.000	;FLUORANTHENE,PAH;NG M-3
19	1140	11.200	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.200	;CORONENE,PAH;NG M-3
34	2000	170.000	;TOTAL PAH;NG M-3

SAMPLE LINE 103
SA;KETI;C6137-2;SITE,KU;DATE,1981,OKT 01 02;TIME,1344 1346;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	12.700	TEMPERATURE;DEG C
4	130	0.400	DELTA T; DEG C
5	1000	0.026	;FLUORIDE;MYG M-3
6	1010	6.600	;NAPHTALENE,PAH;NG M-3
7	1020	6.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.700	;BIPHENYL,PAH;NG M-3
10	1050	33.900	;ACENAPHTENE,PAH;NG M-3
11	1060	126.000	;FLUORENE,PAH;NG M-3
12	1070	54.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	500.200	;PHENANTHRENE,PAH;NG M-3
14	1090	53.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	22.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	205.300	;FLUORANTHENE,PAH;NG M-3
19	1140	134.300	;PYRENE,PAH;NG M-3
20	1150	29.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	21.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	43.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	55.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	50.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	20.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.000	;PERYLENE,PAH;NG M-3
29	1240	11.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	13.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.600	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.000	;CORONENE,PAH;NG M-3
34	2000	1431.497	;TOTAL PAH;NG M-3

SAMPLE LINE 113
SA;KETI;C6242-2;SITE,KU;DATE,1981,OKT 05 06;TIME,1338 1405;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	9.500	TEMPERATURE;DEG C
4	130	0.200	DELTA T; DEG C
5	1000	0.062	;FLUORIDE;MYG M-3
6	1010	4.300	;NAPHTALENE,PAH;NG M-3
7	1020	2.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.800	;BIPHENYL,PAH;NG M-3
10	1050	11.800	;ACENAPHTENE,PAH;NG M-3
11	1060	20.700	;FLUORENE,PAH;NG M-3
12	1070	5.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	45.900	;PHENANTHRENE,PAH;NG M-3
14	1090	3.750	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.150	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.900	;FLUORANTHENE,PAH;NG M-3
19	1140	8.500	;PYRENE,PAH;NG M-3
20	1150	1.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	139.200	;TOTAL PAH;NG M-3

SAMPLE LINE 123
SA;KETI;C6447-2;SITE,KU;DATE,1981,OKT 13 14;TIME,0950 1035;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	6.500	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.179	;FLUORIDE;MYG M-3
6	1010	14.400	;NAPHTALENE,PAH;NG M-3
7	1020	12.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.500	;BIPHENYL,PAH;NG M-3
10	1050	11.200	;ACENAPHTENE,PAH;NG M-3
11	1060	30.200	;FLUORENE,PAH;NG M-3
12	1070	9.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	84.900	;PHENANTHRENE,PAH;NG M-3
14	1090	7.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.950	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	40.100	;FLUORANTHENE,PAH;NG M-3
19	1140	26.400	;PYRENE,PAH;NG M-3
20	1150	3.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	10.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	12.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	3.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.100	;CORONENE,PAH;NG M-3
34	2000	309.450	;TOTAL PAH;NG M-3

SAMPLE LINE 131
SA;KETI;C6452-2;SITE,KU;DATE,1981,OKT 21 22;TIME,1030 0955;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	5.000	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.014	;FLUORIDE;MYG M-3
6	1010	72.100	;NAPHTALENE,PAH;NG M-3
7	1020	39.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	22.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	4.900	;ACENAPHTENE,PAH;NG M-3
11	1060	14.700	;FLUORENE,PAH;NG M-3
12	1070	4.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	31.100	;PHENANTHRENE,PAH;NG M-3
14	1090	3.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.300	;FLUORANTHENE,PAH;NG M-3
19	1140	7.800	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	5.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	229.100	;TOTAL PAH;NG M-3

SAMPLE LINE 139
SA;KET1;C6637-2;SITE,KU;DATE,1981,OKT 29 30;TIME,1100 1057;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	5.000	WIND DIRECTION
2	110	4.300	WIND SPEED;MS-1
3	120	5.300	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.017	;FLUORIDE;MYG M-3
6	1010	9.600	;NAPHTALENE,PAH;NG M-3
7	1020	3.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.600	;BIPHENYL,PAH;NG M-3
10	1050	3.700	;ACENAPHTENE,PAH;NG M-3
11	1060	7.500	;FLUORENE,PAH;NG M-3
12	1070	1.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	24.300	;PHENANTHRENE,PAH;NG M-3
14	1090	1.450	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.350	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.200	;FLUORANTHENE,PAH;NG M-3
19	1140	6.400	;PYRENE,PAH;NG M-3
20	1150	0.350	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.350	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.250	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.050	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.050	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.050	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.050	;CORONENE,PAH;NG M-3
34	2000	78.350	;TOTAL PAH;NG M-3

B: RESULTS FROM HAGA

SAMPLE LINE 15
SA;KET1;C69-2;SITE,HAGA;DATE,1980,JULY 21 22;TIME,1952 0848;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.300	WIND SPEED;MS-1
3	120	13.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	10.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.500	;BIPHENYL,PAH;NG M-3
10	1050	13.500	;ACENAPHTENE,PAH;NG M-3
11	1060	19.800	;FLUORENE,PAH;NG M-3
12	1070	6.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	64.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.100	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	15.600	;FLUORANTHENE,PAH;NG M-3
19	1140	7.100	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	142.900	;TOTAL PAH;NG M-3

SAMPLE LINE 21
SA;KET1;C72-2;SITE,HAGA;DATE,1980,JULY 22;TIME,0055 2027;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.400	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	0.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.000	;BIPHENYL,PAH;NG M-3
10	1050	69.000	;ACENAPHTENE,PAH;NG M-3
11	1060	117.000	;FLUORENE,PAH;NG M-3
12	1070	74.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	592.400	;PHENANTHRENE,PAH;NG M-3
14	1090	47.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	15.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	319.700	;FLUORANTHENE,PAH;NG M-3
19	1140	187.000	;PYRENE,PAH;NG M-3
20	1150	31.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	21.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	31.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	113.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	45.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	38.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	19.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	11.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	16.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.800	;CORONENE,PAH;NG M-3
34	2000	1780.998	;TOTAL PAH;NG M-3

SAMPLE LINE 25
SA;KET1;C274-2;SITE,HAGA;DATE,1980,JULY 29 30;TIME,2205 1050;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	4.500	WIND SPEED;MS-1
3	120	17.800	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.210	;FLUORIDE;MYG M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	17.100	;ACENAPHTENE,PAH;NG M-3
11	1060	50.500	;FLUORENE,PAH;NG M-3
12	1070	18.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	205.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	6.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	65.900	;FLUORANTHENE,PAH;NG M-3
19	1140	32.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	405.600	;TOTAL PAH;NG M-3

SAMPLE LINE 27
SA;KET1;C275-2;SITE,HAGA;DATE,1980,JULY 30;TIME,1055 2125;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	4.700	WIND SPEED;MS-1
3	120	23.500	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	2.500	;FLUORIDE;MYG M-3
6	1010	28.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.800	;BIPHENYL,PAH;NG M-3
10	1050	145.000	;ACENAPHTENE,PAH;NG M-3
11	1060	198.000	;FLUORENE,PAH;NG M-3
12	1070	13.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1080.400	;PHENANTHRENE,PAH;NG M-3
14	1090	85.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	61.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	33.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	600.100	;FLUORANTHENE,PAH;NG M-3
19	1140	362.000	;PYRENE,PAH;NG M-3
20	1150	26.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	49.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	87.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	360.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	564.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	252.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	100.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	110.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	27.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	134.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	17.700	;CORONENE,PAH;NG M-3
34	2000	4345.895	;TOTAL PAH;NG M-3

SAMPLE LINE 29
SA;KET1;C377-2;SITE,HACA;DATE,1980,AUG 06 07;TIME,2026 0905;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	16.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYC M-3
6	1010	2.300	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	5.000	;ACENAPHTENE,PAH;NG M-3
11	1060	15.200	;FLUORENE,PAH;NG M-3
12	1070	7.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	77.700	;PHENANTHRENE,PAH;NG M-3
14	1090	2.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.000	;FLUORANTHENE,PAH;NG M-3
19	1140	10.800	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	147.900	;TOTAL PAH;NG M-3

SAMPLE LINE 37
SA;KET1;C581-2;SITE,HACA;DATE,1980,AUG 07;TIME,0914 2037;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	7.000	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYC M-3
6	1010	3.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.000	;BIPHENYL,PAH;NG M-3
10	1050	6.600	;ACENAPHTENE,PAH;NG M-3
11	1060	14.700	;FLUORENE,PAH;NG M-3
12	1070	5.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	80.600	;PHENANTHRENE,PAH;NG M-3
14	1090	6.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.800	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	29.900	;FLUORANTHENE,PAH;NG M-3
19	1140	12.600	;PYRENE,PAH;NG M-3
20	1150	0.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	165.700	;TOTAL PAH;NG M-3

SAMPLE LINE 67
SA;KET1;C997-2;SITE,HACA;DATE,1980,AUG 26 27;TIME,2008 1026;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	9.100	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.120	;FLUORIDE;MYC M-3
6	1010	15.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.700	;BIPHENYL,PAH;NG M-3
10	1050	17.900	;ACENAPHTENE,PAH;NG M-3
11	1060	17.300	;FLUORENE,PAH;NG M-3
12	1070	9.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	59.900	;PHENANTHRENE,PAH;NG M-3
14	1090	6.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	4.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	24.700	;FLUORANTHENE,PAH;NG M-3
19	1140	15.100	;PYRENE,PAH;NG M-3
20	1150	0.430	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	10.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	2.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.800	;CORONENE,PAH;NG M-3
34	2000	213.600	;TOTAL PAH;NG M-3

SAMPLE LINE 77
SA;KET1;C1202-2;SITE,HACA;DATE,1980,AUG 27;TIME,1033 2117;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.100	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	-1.100	DELTA T;DEG C
5	1000	0.170	;FLUORIDE;MYC M-3
6	1010	6.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.000	;BIPHENYL,PAH;NG M-3
10	1050	15.900	;ACENAPHTENE,PAH;NG M-3
11	1060	24.000	;FLUORENE,PAH;NG M-3
12	1070	14.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	111.100	;PHENANTHRENE,PAH;NG M-3
14	1090	11.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	7.830	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	60.000	;FLUORANTHENE,PAH;NG M-3
19	1140	38.000	;PYRENE,PAH;NG M-3
20	1150	3.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	22.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	21.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	7.950	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	4.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	375.299	;TOTAL PAH;NG M-3

SAMPLE LINE 85
SA;KET1;G1914-2;SITE,HACA;DATE,1980,NOV 18 19;TIME,2055 0940;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	6.400	WIND SPEED;MS-1
3	120	-2.000	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	26.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.200	;BIPHENYL,PAH;NG M-3
10	1050	1.400	;ACENAPHTENE,PAH;NG M-3
11	1060	1.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	28.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	33.600	;FLUORANTHENE,PAH;NG M-3
19	1140	27.800	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	122.100	;TOTAL PAH;NG M-3

SAMPLE LINE 93
SA;KET1;G1818-2;SITE,HACA;DATE,1980,NOV 19;TIME,0951 2114;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.000	WIND SPEED;MS-1
3	120	-2.800	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	18.100	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.500	;BIPHENYL,PAH;NG M-3
10	1050	1.600	;ACENAPHTENE,PAH;NG M-3
11	1060	2.900	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	3.600	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	0.150	;FLUORANTHENE,PAH;NG M-3
19	1140	0.150	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	28.600	;TOTAL PAH;NG M-3

SAMPLE LINE 45
SA;KET1;C605-2;SITE,HACA;DATE,1980,AUG 14 15;TIME,2316 1020;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	10.000	WIND DIRECTION
2	110	1.800	WIND SPEED;MS-1
3	120	14.800	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.490	;FLUORIDE;MYG M-3
6	1010	13.300	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.100	;BIPHENYL,PAH;NG M-3
10	1050	99.500	;ACENAPHTENE,PAH;NG M-3
11	1060	149.000	;FLUORENE,PAH;NG M-3
12	1070	89.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	742.100	;PHENANTHRENE,PAH;NG M-3
14	1090	80.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	42.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	21.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	402.400	;FLUORANTHENE,PAH;NG M-3
19	1140	269.900	;PYRENE,PAH;NG M-3
20	1150	26.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	34.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	68.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	176.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	136.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	57.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	21.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	27.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	9.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	34.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.600	;CORONENE,PAH;NG M-3
34	2000	2515.796	;TOTAL PAH;NG M-3

SAMPLE LINE 49
SA;KET1;C786-2;SITE,HACA;DATE,1980,AUG 15;TIME,1032 2126;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	13.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.660	;FLUORIDE;MYG M-3
6	1010	10.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.300	;BIPHENYL,PAH;NG M-3
10	1050	50.000	;ACENAPHTENE,PAH;NG M-3
11	1060	81.600	;FLUORENE,PAH;NG M-3
12	1070	51.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	434.700	;PHENANTHRENE,PAH;NG M-3
14	1090	44.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	23.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	13.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	226.600	;FLUORANTHENE,PAH;NG M-3
19	1140	151.300	;PYRENE,PAH;NG M-3
20	1150	13.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	17.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	24.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	83.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	76.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	28.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	9.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	14.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	15.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	1379.498	;TOTAL PAH;NG M-3

SAMPLE LINE 10
SA;KET HACA;C890-2;SITE,HACA;DATE,1980,AUG 18 19;TIME,2157 1027;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	11.000	TEMPERATURE;DEG C
4	130	1.100	DELTA T;DEG C
5	1000	0.230	;FLUORIDE;MYG M-3
6	1010	1.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.600	;BIPHENYL,PAH;NG M-3
10	1050	36.500	;ACENAPHTENE,PAH;NG M-3
11	1060	40.500	;FLUORENE,PAH;NG M-3
12	1070	19.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	131.000	;PHENANTHRENE,PAH;NG M-3
14	1090	11.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	7.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	52.000	;FLUORANTHENE,PAH;NG M-3
19	1140	31.200	;PYRENE,PAH;NG M-3
20	1150	4.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	15.800	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	20.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	6.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.300	;CORONENE,PAH;NG M-3
34	2000	426.999	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET HACA;C1093-2;SITE,HACA;DATE,1980,AUG 19;TIME,1035 2017;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	5.300	WIND SPEED;MS-1
3	120	18.800	TEMPERATURE;DEG C
4	130	-0.900	DELTA T;DEG C
5	1000	0.140	;FLUORIDE;MYG M-3
6	1010	13.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.700	;BIPHENYL,PAH;NG M-3
10	1050	11.100	;ACENAPHTENE,PAH;NG M-3
11	1060	27.100	;FLUORENE,PAH;NG M-3
12	1070	10.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	114.000	;PHENANTHRENE,PAH;NG M-3
14	1090	4.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	6.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.100	;FLUORANTHENE,PAH;NG M-3
19	1140	26.400	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.500	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	2.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	277.300	;TOTAL PAH;NG M-3

SAMPLE LINE 101
SA;KET1;C1119-2;SITE,HACA;DATE,1980,NOV 26 27;TIME,1900 0732;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	6.200	WIND SPEED;MS-1
3	120	-12.400	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	247.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	13.300	;BIPHENYL,PAH;NG M-3
10	1050	11.800	;ACENAPHTENE,PAH;NG M-3
11	1060	16.500	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	26.400	;PHENANTHRENE,PAH;NG M-3
14	1090	1.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.200	;FLUORANTHENE,PAH;NG M-3
19	1140	11.300	;PYRENE,PAH;NG M-3
20	1150	3.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	359.700	;TOTAL PAH;NG M-3

SAMPLE LINE 103
SA;KET1;C1423-2;SITE,HACA;DATE,1980,NOV 27;TIME,0951 1845;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	-12.100	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	630.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	27.900	;BIPHENYL,PAH;NG M-3
10	1050	26.100	;ACENAPHTENE,PAH;NG M-3
11	1060	34.700	;FLUORENE,PAH;NG M-3
12	1070	2.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	41.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	14.900	;FLUORANTHENE,PAH;NG M-3
19	1140	20.600	;PYRENE,PAH;NG M-3
20	1150	2.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	2.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.200	;CORONENE,PAH;NG M-3
34	2000	837.299	;TOTAL PAH;NG M-3

SAMPLE LINE 125
SA;KET1;C2434-2;SITE,HACA;DATE,1980,DES 05;TIME,0028 1735;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	5.800	WIND SPEED;MS-1
3	120	-9.700	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;NYG M-3
6	1010	212.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.700	;DIPHENYL,PAH;NG M-3
10	1050	3.200	;ACENAPHTENE,PAH;NG M-3
11	1060	9.800	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.100	;FLUORANTHENE,PAH;NG M-3
19	1140	3.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	251.900	;TOTAL PAH;NG M-3

SAMPLE LINE 131
SA;KET1;C2037-2;SITE,HACA;DATE,1980,DES 08 09;TIME,2125 0538;SAMPLE
TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	-0.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;NYG M-3
6	1010	122.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.100	;DIPHENYL,PAH;NG M-3
10	1050	21.000	;ACENAPHTENE,PAH;NG M-3
11	1060	15.900	;FLUORENE,PAH;NG M-3
12	1070	1.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	37.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.900	;FLUORANTHENE,PAH;NG M-3
19	1140	9.800	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	231.200	;TOTAL PAH;NG M-3

SAMPLE LINE 139
SA;KET1;C1741-2;SITE,HACA;DATE,1980,DES 09;TIME,0740 1925;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	-0.700	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;NYG M-3
6	1010	55.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	28.800	;DIPHENYL,PAH;NG M-3
10	1050	25.300	;ACENAPHTENE,PAH;NG M-3
11	1060	42.600	;FLUORENE,PAH;NG M-3
12	1070	6.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	83.300	;PHENANTHRENE,PAH;NG M-3
14	1090	4.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.100	;FLUORANTHENE,PAH;NG M-3
19	1140	24.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	31.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.500	;PERYLENE,PAH;NG M-3
29	1240	2.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.200	;CORONENE,PAH;NG M-3
34	2000	369.800	;TOTAL PAH;NG M-3

SAMPLE LINE 143
SA;KET1;C2744-2;SITE,HAGA;DATE,1980,DES 18 19;TIME,2043 0530;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	18.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEC C
5	1000	0.130	;FLUORIDE;MYG M-3
6	1010	127.000	;NAPHTALENE,PAH;NG M-3
7	1020	84.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	50.300	;1-METUYL NAPHTALENE,PAH;NG M-3
9	1040	14.100	;BIPHENYL,PAH;NG M-3
10	1050	63.200	;ACENAPHTENE,PAH;NG M-3
11	1060	35.600	;FLUORENE,PAH;NG M-3
12	1070	3.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	105.800	;PHENANTHRENE,PAH;NG M-3
14	1090	8.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	40.600	;FLUORANTHENE,PAH;NG M-3
19	1140	27.900	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	12.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	12.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.100	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.600	;CORONENE,PAH;NG M-3
34	2000	599.399	;TOTAL PAH;NG M-3

SAMPLE LINE 153
SA;KET1;C2949-2;SITE,HAGA ;DATE,1980,DES 19;TIME,0653 1851;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.300	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEC C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	151.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METUYL NAPHTALENE,PAH;NG M-3
9	1040	42.800	;BIPHENYL,PAH;NG M-3
10	1050	98.400	;ACENAPHTENE,PAH;NG M-3
11	1060	58.500	;FLUORENE,PAH;NG M-3
12	1070	18.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	128.100	;PHENANTHRENE,PAH;NG M-3
14	1090	11.660	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	33.200	;FLUORANTHENE,PAH;NG M-3
19	1140	25.700	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	586.999	;TOTAL PAH;NG M-3

SAMPLE LINE 5
SA;KET1;C3334-2;SITE,HAGA;DATE,1981,JAN 12 13;TIME,2040 0502;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	-3.600	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEC C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	49.500	;NAPHTALENE,PAH;NG M-3
7	1020	35.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	20.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.000	;BIPHENYL,PAH;NG M-3
10	1050	1.300	;ACENAPHTENE,PAH;NG M-3
11	1060	3.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	7.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	1.300	;FLUORANTHENE,PAH;NG M-3
19	1140	1.700	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	122.600	;TOTAL PAH;NG M-3

SAMPLE LINE 13
SA;KET1;C2858-2;SITE,HAGA;DATE,1981,JAN 13;TIME,0635 1915;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	5.200	WIND SPEED;MS-1
3	120	-5.500	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEC C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	307.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	32.000	;BIPHENYL,PAH;NG M-3
10	1050	35.800	;ACENAPHTENE,PAH;NG M-3
11	1060	33.300	;FLUORENE,PAH;NG M-3
12	1070	5.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	38.900	;PHENANTHRENE,PAH;NG M-3
14	1090	5.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	14.200	;FLUORANTHENE,PAH;NG M-3
19	1140	19.600	;PYRENE,PAH;NG M-3
20	1150	3.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	7.100	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	3.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	3.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	8.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	11.100	;CORONENE,PAH;NG M-3
34	2000	629.099	;TOTAL PAH;NG M-3

SAMPLE LINE 21
SA;KET1;C2162-2;SITE,HACA;DATE,1981,JAN 20 21;TIME,2000 0455;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	-9.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	185.000	;NAPHTALENE,PAH;NG M-3
7	1020	76.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	43.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.500	;BIPHENYL,PAH;NG M-3
10	1050	2.400	;ACENAPHTENE,PAH;NG M-3
11	1060	8.900	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.200	;FLUORANTHENE,PAH;NG M-3
19	1140	6.600	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	366.599	;TOTAL PAH;NG M-3

SAMPLE LINE 31
SA;KET1;C2667-2;SITE,HACA;DATE,1981,JAN 21;TIME,0635 1735;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-9.000	TEMPERATURE;DEG C
4	130	1.200	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	489.000	;NAPHTALENE,PAH;NG M-3
7	1020	340.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	171.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	31.000	;BIPHENYL,PAH;NG M-3
10	1050	27.300	;ACENAPHTENE,PAH;NG M-3
11	1060	35.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	42.200	;PHENANTHRENE,PAH;NG M-3
14	1090	1.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	15.300	;FLUORANTHENE,PAH;NG M-3
19	1140	17.900	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	1197.097	;TOTAL PAH;NG M-3

SAMPLE LINE 37
SA;KET1;C3372-2;SITE,HACA;DATE,1981,JAN 28 29;TIME,1020 0855;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	3.900	TEMPERATURE;DEG C
4	130	0.900	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	18.000	;NAPHTALENE,PAH;NG M-3
7	1020	31.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	16.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.300	;BIPHENYL,PAH;NG M-3
10	1050	6.900	;ACENAPHTENE,PAH;NG M-3
11	1060	21.000	;FLUORENE,PAH;NG M-3
12	1070	5.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	39.000	;PHENANTHRENE,PAH;NG M-3
14	1090	3.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.100	;FLUORANTHENE,PAH;NG M-3
19	1140	10.300	;PYRENE,PAH;NG M-3
20	1150	1.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	188.700	;TOTAL PAH;NG M-3

SAMPLE LINE 113
SA;KET1;C3077-2;SITE,HACA;DATE,1981,FEB 05 06;TIME,1122 0926;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-3.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.150	;FLUORIDE;MYG M-3
6	1010	289.000	;NAPHTALENE,PAH;NG M-3
7	1020	279.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	134.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	29.000	;BIPHENYL,PAH;NG M-3
10	1050	65.100	;ACENAPHTENE,PAH;NG M-3
11	1060	42.100	;FLUORENE,PAH;NG M-3
12	1070	15.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	96.100	;PHENANTHRENE,PAH;NG M-3
14	1090	14.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.600	;FLUORANTHENE,PAH;NG M-3
19	1140	36.300	;PYRENE,PAH;NG M-3
20	1150	4.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	9.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	13.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	2.700	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.000	;PERYLENE,PAH;NG M-3
29	1240	3.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	1137.998	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;C3903-2;SITE,HACA;DATE,1981,FEB 09 10;TIME,1119 1102;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.500	WIND SPEED;MS-1
3	120	-2.100	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	133.000	;NAPHTALENE,PAH;NG M-3
7	1020	107.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	56.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.090	;BIPHENYL,PAH;NG M-3
10	1050	4.700	;ACENAPHTENE,PAH;NG M-3
11	1060	10.800	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	15.000	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.700	;FLUORANTHENE,PAH;NG M-3
19	1140	4.600	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.600	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	351.099	;TOTAL PAH;NG M-3

SAMPLE LINE 63
SA;KET1;C3188-2;SITE,HACA;DATE,1981,FEB 17 18;TIME,1407 1232;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	-4.300	TEMPERATURE;DEG C
4	130	1.300	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	178.000	;NAPHTALENE,PAH;NG M-3
7	1020	299.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	169.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	27.000	;BIPHENYL,PAH;NG M-3
10	1050	10.800	;ACENAPHTENE,PAH;NG M-3
11	1060	31.100	;FLUORENE,PAH;NG M-3
12	1070	6.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	45.100	;PHENANTHRENE,PAH;NG M-3
14	1090	5.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.400	;FLUORANTHENE,PAH;NG M-3
19	1140	13.800	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	2.300	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	828.198	;TOTAL PAH;NG M-3

SAMPLE LINE 67
SA;KET1;C2390-2;SITE,HACA;DATE,1981,FEB 23 26;TIME,1005 1009;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-3.100	TEMPERATURE;DEG C
4	130	-0.500	DELTA T;DEG C
5	1000	0.090	;FLUORIDE;MYG M-3
6	1010	83.400	;NAPHTALENE,PAH;NG M-3
7	1020	88.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	53.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	22.100	;BIPHENYL,PAH;NG M-3
10	1050	66.400	;ACENAPHTENE,PAH;NG M-3
11	1060	34.500	;FLUORENE,PAH;NG M-3
12	1070	13.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	93.800	;PHENANTHRENE,PAH;NG M-3
14	1090	6.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	46.000	;FLUORANTHENE,PAH;NG M-3
19	1140	29.300	;PYRENE,PAH;NG M-3
20	1150	3.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.900	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	1.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	579.099	;TOTAL PAH;NG M-3

SAMPLE LINE 77
SA;KET1;C3693-2;SITE,HACA;DATE,1981,MAR 03 06;TIME,1203 1151;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.600	WIND SPEED;MS-1
3	120	-13.700	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.060	;FLUORIDE;MYG M-3
6	1010	228.000	;NAPHTALENE,PAH;NG M-3
7	1020	236.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	124.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	15.900	;BIPHENYL,PAH;NG M-3
10	1050	9.700	;ACENAPHTENE,PAH;NG M-3
11	1060	18.700	;FLUORENE,PAH;NG M-3
12	1070	3.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	33.500	;PHENANTHRENE,PAH;NG M-3
14	1090	2.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.100	;FLUORANTHENE,PAH;NG M-3
19	1140	12.000	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.700	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.200	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.300	;CORONENE,PAH;NG M-3
34	2000	721.998	;TOTAL PAH;NG M-3

SAMPLE LINE 87
SA;KET1;C3700-2;SITE,HACA;DATE,1981,MAR 09 10;TIME,1218 1240;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	8.100	WIND SPEED;MS-1
3	120	-2.200	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	13.900	;NAPHTALENE,PAH;NG M-3
7	1020	20.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.100	;BIPHENYL,PAH;NG M-3
10	1050	3.000	;ACENAPHTENE,PAH;NG M-3
11	1060	5.700	;FLUORENE,PAH;NG M-3
12	1070	0.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	11.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.300	;FLUORANTHENE,PAH;NG M-3
19	1140	2.200	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	78.600	;TOTAL PAH;NG M-3

SAMPLE LINE 97
SA;KET1;C3407-2;SITE,HACA;DATE,1981,MAR 25 26;TIME,1035 1038;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	0.800	TEMPERATURE;DEG C
4	130	0.700	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	45.400	;NAPHTALENE,PAH;NG M-3
7	1020	93.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	53.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.500	;BIPHENYL,PAH;NG M-3
10	1050	4.000	;ACENAPHTENE,PAH;NG M-3
11	1060	17.700	;FLUORENE,PAH;NG M-3
12	1070	1.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	29.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.000	;FLUORANTHENE,PAH;NG M-3
19	1140	7.600	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	280.399	;TOTAL PAH;NG M-3

SAMPLE LINE 119
SA;KET1;C3503-2;SITE,HACA;DATE,1981,MAR 17 18;TIME,1036 1350;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	0.100	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.090	;FLUORIDE;MYG M-3
6	1010	44.900	;NAPHTALENE,PAH;NG M-3
7	1020	133.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	79.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.500	;DIPHENYL,PAH;NG M-3
10	1050	12.400	;ACENAPHTENE,PAH;NG M-3
11	1060	21.200	;FLUORENE,PAH;NG M-3
12	1070	8.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	57.200	;PHENANTHRENE,PAH;NG M-3
14	1090	4.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.650	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.900	;FLUORANTHENE,PAH;NG M-3
19	1140	17.500	;PYRENE,PAH;NG M-3
20	1150	2.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.200	;CORONENE,PAH;NG M-3
34	2000	444.649	;TOTAL PAH;NG M-3

SAMPLE LINE 105
SA;KET1;C3211-2;SITE,HACA;DATE,1981,APR 02 03;TIME,1056 0802;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	7.700	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.100	;FLUORIDE;MYG M-3
6	1010	66.800	;NAPHTALENE,PAH;NG M-3
7	1020	65.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	30.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.600	;BIPHENYL,PAH;NG M-3
10	1050	22.900	;ACENAPHTENE,PAH;NG M-3
11	1060	43.400	;FLUORENE,PAH;NG M-3
12	1070	7.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	92.700	;PHENANTHRENE,PAH;NG M-3
14	1090	6.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	32.900	;FLUORANTHENE,PAH;NG M-3
19	1140	21.900	;PYRENE,PAH;NG M-3
20	1150	2.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	2.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.300	;CORONENE,PAH;NG M-3
34	2000	427.999	;TOTAL PAH;NG M-3

SAMPLE LINE 127
SA;KET1;C3815-2;SITE,HACA;DATE,1981,APR 06 07;TIME,1219 1226;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	7.200	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;HYG M-3
6	1010	3.600	;NAPHTALENE,PAH;NG M-3
7	1020	2.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	3.000	;ACENAPHTENE,PAH;NG M-3
11	1060	3.600	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	24.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.400	;FLUORANTHENE,PAH;NG M-3
19	1140	5.500	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	57.600	;TOTAL PAH;NG M-3

SAMPLE LINE 131
SA;KET1;C3217-2;SITE,HACA;DATE,1981,APR 14 15;TIME,1050 1312;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	9.600	WIND SPEED;MS-1
3	120	7.300	TEMPERATURE;DEG C
4	130	-1.200	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;HYG M-3
6	1010	3.900	;NAPHTALENE,PAH;NG M-3
7	1020	6.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.700	;BIPHENYL,PAH;NG M-3
10	1050	1.200	;ACENAPHTENE,PAH;NG M-3
11	1060	3.400	;FLUORENE,PAH;NG M-3
12	1070	0.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	14.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.400	;FLUORANTHENE,PAH;NG M-3
19	1140	2.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	41.700	;TOTAL PAH;NG M-3

SAMPLE LINE 141
SA;KET1;C4323-2;SITE,KCT;DATE,1981,APR 22 23;TIME,1218 1127;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;HYG M-3
6	1010	55.500	;NAPHTALENE,PAH;NG M-3
7	1020	86.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	46.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.300	;BIPHENYL,PAH;NG M-3
10	1050	6.800	;ACENAPHTENE,PAH;NG M-3
11	1060	26.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	37.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.900	;FLUORANTHENE,PAH;NG M-3
19	1140	15.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	312.399	;TOTAL PAH;NG M-3

SAMPLE LINE 151
SA;KET1;C4827-2;SITE,HACA;DATE,1981,MAY 07 08;TIME,1425 1101;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	8.000	TEMPERATURE;DEG C
4	130	0.200	DELTA T;DEG C
5	1000	0.270	;FLUORIDE;HYG M-3
6	1010	29.100	;NAPHTALENE,PAH;NG M-3
7	1020	51.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	31.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.800	;BIPHENYL,PAH;NG M-3
10	1050	56.600	;ACENAPHTENE,PAH;NG M-3
11	1060	57.300	;FLUORENE,PAH;NG M-3
12	1070	17.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	174.600	;PHENANTHRENE,PAH;NG M-3
14	1090	8.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	75.800	;FLUORANTHENE,PAH;NG M-3
19	1140	49.900	;PYRENE,PAH;NG M-3
20	1150	5.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	15.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	6.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	2.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.150	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	629.949	;TOTAL PAH;NG M-3

SAMPLE LINE 161
SA;KET1;C4732-2;SITE,HACA;DATE,1981,MAY 11 12;TIME,1437 1353;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	8.600	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.259	;FLUORIDE;MYG M-3
6	1010	35.600	;NAPHTALENE,PAH;NG M-3
7	1020	33.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	20.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.500	;DIPHENYL,PAH;NG M-3
10	1050	41.500	;ACENAPHTENE,PAH;NG M-3
11	1060	43.800	;FLUORENE,PAH;NG M-3
12	1070	18.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	166.700	;PHENANTHRENE,PAH;NG M-3
14	1090	10.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	112.500	;FLUORANTHENE,PAH;NG M-3
19	1140	67.300	;PYRENE,PAH;NG M-3
20	1150	9.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	7.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	36.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	28.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	14.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	5.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	690.699	;TOTAL PAH;NG M-3

SAMPLE LINE 7
SA;KET1;C4037-2;SITE,HACA;DATE,1981,MAY 19 20;TIME,2225 0652;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	7.000	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.132	;FLUORIDE;MYG M-3
6	1010	30.300	;NAPHTALENE,PAH;NG M-3
7	1020	65.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	38.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.700	;DIPHENYL,PAH;NG M-3
10	1050	38.900	;ACENAPHTENE,PAH;NG M-3
11	1060	49.000	;FLUORENE,PAH;NG M-3
12	1070	18.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	199.300	;PHENANTHRENE,PAH;NG M-3
14	1090	4.250	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	86.300	;FLUORANTHENE,PAH;NG M-3
19	1140	36.700	;PYRENE,PAH;NG M-3
20	1150	2.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.450	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	624.449	;TOTAL PAH;NG M-3

SAMPLE LINE 47
SA;KET HACA;C4442-2;SITE,HACA;DATE,1981,MAY 20;TIME,0702 2059;SAMPLE TYPE,DAY,PUR;*

44 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	14.700	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	1.760	;FLUORIDE;MYG M-3
6	1010	46.000	;NAPHTALENE,PAH;NG M-3
7	1020	86.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	44.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.400	;DIPHENYL,PAH;NG M-3
10	1050	207.000	;ACENAPHTENE,PAH;NG M-3
11	1060	349.000	;FLUORENE,PAH;NG M-3
12	1070	158.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1501.000	;PHENANTHRENE,PAH;NG M-3
14	1090	112.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	9.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	37.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	739.000	;FLUORANTHENE,PAH;NG M-3
19	1140	438.000	;PYRENE,PAH;NG M-3
20	1150	67.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	48.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	37.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	122.000	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	111.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	40.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	11.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.600	;PERYLENE,PAH;NG M-3
29	1240	11.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	13.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	316.000	;TOTAL PAH;NG M-3 4165.4

SAMPLE LINE 21
SA;KET1;C4146-2;SITE,HACA;DATE,1981,JUN 03 04;TIME,2140 1130;SAMPLE TYPE,NIGTH,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.900	WIND SPEED;MS-1
3	120	13.800	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	17.300	;NAPHTALENE,PAH;NG M-3
7	1020	22.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.200	;BIPHENYL,PAH;NG M-3
10	1050	150.000	;ACENAPHTENE,PAH;NG M-3
11	1060	123.000	;FLUORENE,PAH;NG M-3
12	1070	44.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	356.500	;PHENANTHRENE,PAH;NG M-3
14	1090	33.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	10.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	130.800	;FLUORANTHENE,PAH;NG M-3
19	1140	74.100	;PYRENE,PAH;NG M-3
20	1150	125.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	10.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	12.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	29.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	26.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	8.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	3.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.200	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	1211.098	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;C4652-2;SITE,HACA;DATE,1981,JUN 04;TIME,1142 2147;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.700	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	1.190	;FLUORIDE;MYG M-3
6	1010	56.200	;NAPHTALENE,PAH;NG M-3
7	1020	80.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	46.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.400	;BIPHENYL,PAH;NG M-3
10	1050	188.000	;ACENAPHTENE,PAH;NG M-3
11	1060	181.000	;FLUORENE,PAH;NG M-3
12	1070	72.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	620.400	;PHENANTHRENE,PAH;NG M-3
14	1090	48.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	16.650	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	264.100	;FLUORANTHENE,PAH;NG M-3
19	1140	155.600	;PYRENE,PAH;NG M-3
20	1150	29.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	20.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	25.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	78.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	36.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	20.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	11.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	12.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	13.000	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.100	;CORONENE,PAH;NG M-3
34	2000	2010.497	;TOTAL PAH;NG M-3

SAMPLE LINE 48
SA;KET HACA;C4257-2;SITE,HACA;DATE,1981,JUN 11 12;TIME,2200 1126;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	11.900	;NAPHTALENE,PAH;NG M-3
7	1020	16.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.400	;BIPHENYL,PAH;NG M-3
10	1050	4.000	;ACENAPHTENE,PAH;NG M-3
11	1060	5.200	;FLUORENE,PAH;NG M-3
12	1070	1.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	18.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.750	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.400	;FLUORANTHENE,PAH;NG M-3
19	1140	3.800	;PYRENE,PAH;NG M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	3.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	2.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	99.300	;TOTAL PAH;NG M-3

SAMPLE LINE 19
SA;KET1;C4563-2;SITE,HACA;DATE,1981,JUN 12;TIME,1136 2126;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	14.000	WIND DIRECTION
2	110	3.400	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	44.500	;NAPHTALENE,PAH;NG M-3
7	1020	26.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	16.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.000	;BIPHENYL,PAH;NG M-3
10	1050	3.400	;ACENAPUTENE,PAH;NG M-3
11	1060	7.300	;FLUORENE,PAH;NG M-3
12	1070	1.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	23.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.600	;FLUORANTHENE,PAH;NG M-3
19	1140	6.300	;PYRENE,PAH;NG M-3
20	1150	0.550	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.450	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.900	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	160.850	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;C43001-2;SITE,HAGA;DATE,1981,JUN 15 16;TIME,2220 1110;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.068	;FLUORIDE;MYG M-3
6	1010	12.900	;NAPHTALENE,PAH;NG M-3
7	1020	23.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.700	;BIPHENYL,PAH;NG M-3
10	1050	24.900	;ACENAPHTENE,PAH;NG M-3
11	1060	28.900	;FLUORENE,PAH;NG M-3
12	1070	11.950	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	102.300	;PHENANTHRENE,PAH;NG M-3
14	1090	7.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.150	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	41.600	;FLUORANTHENE,PAH;NG M-3
19	1140	23.600	;PYRENE,PAH;NG M-3
20	1150	2.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	318.749	;TOTAL PAH;NG M-3

SAMPLE LINE 51
SA;KET HAGA;C50009-2;SITE,HAGA;DATE,1981,JUN 16;TIME,1117 2255;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.261	;FLUORIDE;MYG M-3
6	1010	60.100	;NAPHTALENE,PAH;NG M-3
7	1020	62.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	32.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.100	;BIPHENYL,PAH;NG M-3
10	1050	60.200	;ACENAPHTENE,PAH;NG M-3
11	1060	56.600	;FLUORENE,PAH;NG M-3
12	1070	22.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	197.500	;PHENANTHRENE,PAH;NG M-3
14	1090	11.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	97.800	;FLUORANTHENE,PAH;NG M-3
19	1140	60.200	;PYRENE,PAH;NG M-3
20	1150	8.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	6.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	8.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	32.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	18.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	11.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	6.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.600	;CORONENE,PAH;NG M-3
34	2000	789.599	;TOTAL PAH;NG M-3

SAMPLE LINE 47
SA;KET1;C31012-2;SITE,HAGA;DATE,1981,JUN 24 25;TIME,2154 1034;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	0.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.306	;FLUORIDE;MYG M-3
6	1010	1.000	;NAPHTALENE,PAH;NG M-3
7	1020	4.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.300	;BIPHENYL,PAH;NG M-3
10	1050	8.300	;ACENAPHTENE,PAH;NG M-3
11	1060	25.500	;FLUORENE,PAH;NG M-3
12	1070	13.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	140.400	;PHENANTHRENE,PAH;NG M-3
14	1090	5.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.950	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	70.900	;FLUORANTHENE,PAH;NG M-3
19	1140	37.100	;PYRENE,PAH;NG M-3
20	1150	4.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	11.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	354.949	;TOTAL PAH;NG M-3

SAMPLE LINE 57
SA;KET1;C50021-2;SITE,HAGA;DATE,1981,JUN 25;TIME,1042 2058;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.055	;FLUORIDE;MYG M-3
6	1010	9.500	;NAPHTALENE,PAH;NG M-3
7	1020	17.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.800	;BIPHENYL,PAH;NG M-3
10	1050	11.500	;ACENAPHTENE,PAH;NG M-3
11	1060	20.700	;FLUORENE,PAH;NG M-3
12	1070	7.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	96.300	;PHENANTHRENE,PAH;NG M-3
14	1090	3.950	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	34.700	;FLUORANTHENE,PAH;NG M-3
19	1140	16.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.130	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	239.200	;TOTAL PAH;NG M-3

SAMPLE LINE 65
SA;KET1;C53011-2;SITE,HACA;DATE,1981,JUL 02 03;TIME,2207 1200;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.036	;FLUORIDE;MYG M-3
6	1010	3.900	;NAPHTALENE,PAH;NG M-3
7	1020	18.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.500	;BIPHENYL,PAH;NG M-3
10	1050	10.500	;ACENAPHTENE,PAH;NG M-3
11	1060	24.100	;FLUORENE,PAH;NG M-3
12	1070	7.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	82.800	;PHENANTHRENE,PAH;NG M-3
14	1090	3.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	31.500	;FLUORANTHENE,PAH;NG M-3
19	1140	14.500	;PYRENE,PAH;NG M-3
20	1150	1.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.890	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	229.000	;TOTAL PAH;NG M-3

SAMPLE LINE 75
SA;KET1;C53025-2;SITE,HACA;DATE,1981,JUL 03;TIME,1207 2134;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	23.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.144	;FLUORIDE;MYG M-3
6	1010	27.300	;NAPHTALENE,PAH;NG M-3
7	1020	42.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	26.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.000	;BIPHENYL,PAH;NG M-3
10	1050	36.000	;ACENAPHTENE,PAH;NG M-3
11	1060	50.000	;FLUORENE,PAH;NG M-3
12	1070	14.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	156.800	;PHENANTHRENE,PAH;NG M-3
14	1090	11.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	81.900	;FLUORANTHENE,PAH;NG M-3
19	1140	44.300	;PYRENE,PAH;NG M-3
20	1150	5.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	16.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	14.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	565.749	;TOTAL PAH;NG M-3

SAMPLE LINE 83
SA;KET1;C5469-2;SITE,HACA;DATE,1981,JUL 06 07;TIME,2107 1100;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	25.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.181	;FLUORIDE;MYG M-3
6	1010	6.600	;NAPHTALENE,PAH;NG M-3
7	1020	3.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.700	;BIPHENYL,PAH;NG M-3
10	1050	19.300	;ACENAPHTENE,PAH;NG M-3
11	1060	33.500	;FLUORENE,PAH;NG M-3
12	1070	13.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	104.300	;PHENANTHRENE,PAH;NG M-3
14	1090	11.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	28.600	;FLUORANTHENE,PAH;NG M-3
19	1140	16.100	;PYRENE,PAH;NG M-3
20	1150	3.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.780	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	280.030	;TOTAL PAH;NG M-3

SAMPLE LINE 99
SA;KET1;C5478-2;SITE,HACA;DATE,1981,JUL 07;TIME,1108 2112;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.021	;FLUORIDE;MYG M-3
6	1010	12.600	;NAPHTALENE,PAH;NG M-3
7	1020	5.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.200	;BIPHENYL,PAH;NG M-3
10	1050	3.800	;ACENAPHTENE,PAH;NG M-3
11	1060	17.500	;FLUORENE,PAH;NG M-3
12	1070	8.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	81.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	45.900	;FLUORANTHENE,PAH;NG M-3
19	1140	25.800	;PYRENE,PAH;NG M-3
20	1150	2.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	9.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	18.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	13.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	3.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.300	;CORONENE,PAH;NG M-3
34	2000	275.500	;TOTAL PAH;NG M-3

SAMPLE LINE 103
SA;KET1;C5517-2;SITE,HACA;DATE,1981,JUL 14 15;TIME,2235 1040;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.012	;FLUORIDE;MYG M-3
6	1010	5.800	;NAPHTALENE,PAH;NG M-3
7	1020	8.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.300	;DIPHENYL,PAH;NG M-3
10	1050	7.200	;ACENAPHTENE,PAH;NG M-3
11	1060	12.000	;FLUORENE,PAH;NG M-3
12	1070	4.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	61.200	;PHENANTHRENE,PAH;NG M-3
14	1090	2.450	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	24.000	;FLUORANTHENE,PAH;NG M-3
19	1140	10.800	;PYRENE,PAH;NG M-3
20	1150	0.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.150	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	148.250	;TOTAL PAH;NG M-3

SAMPLE LINE 113
SA;KET1;C5532-2;SITE,HACA;DATE,1981,JUL 15;TIME,1056 2107;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.006	;FLUORIDE;MYG M-3
6	1010	5.900	;NAPHTALENE,PAH;NG M-3
7	1020	11.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.000	;DIPHENYL,PAH;NG M-3
10	1050	7.300	;ACENAPHTENE,PAH;NG M-3
11	1060	12.300	;FLUORENE,PAH;NG M-3
12	1070	6.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	63.800	;PHENANTHRENE,PAH;NG M-3
14	1090	3.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.100	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.300	;FLUORANTHENE,PAH;NG M-3
19	1140	11.000	;PYRENE,PAH;NG M-3
20	1150	1.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	176.500	;TOTAL PAH;NG M-3

SAMPLE LINE 121
SA;KET1;C5481-2;SITE,HACA;DATE,1981,JUL 22 23;TIME,2020 1100;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.048	;FLUORIDE;MYG M-3
6	1010	4.400	;NAPHTALENE,PAH;NG M-3
7	1020	5.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.500	;DIPHENYL,PAH;NG M-3
10	1050	5.500	;ACENAPHTENE,PAH;NG M-3
11	1060	11.500	;FLUORENE,PAH;NG M-3
12	1070	4.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	54.300	;PHENANTHRENE,PAH;NG M-3
14	1090	2.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.890	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	20.700	;FLUORANTHENE,PAH;NG M-3
19	1140	8.700	;PYRENE,PAH;NG M-3
20	1150	0.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	127.400	;TOTAL PAH;NG M-3

SAMPLE LINE 131
SA;KET1;C5686-2;SITE,HACA;DATE,1981,JUL 23;TIME,1110 2137;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.003	;FLUORIDE;MYG M-3
6	1010	5.500	;NAPHTALENE,PAH;NG M-3
7	1020	7.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.300	;DIPHENYL,PAH;NG M-3
10	1050	5.600	;ACENAPHTENE,PAH;NG M-3
11	1060	9.600	;FLUORENE,PAH;NG M-3
12	1070	3.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	44.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	18.700	;FLUORANTHENE,PAH;NG M-3
19	1140	7.800	;PYRENE,PAH;NG M-3
20	1150	1.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.600	;PERYLENE,PAH;NG M-3
29	1240	3.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.300	;CORONENE,PAH;NG M-3
34	2000	145.300	;TOTAL PAH;NG M-3

SAMPLE LINE 9
SA;KET1;C5742-2;SITE,HACA;DATE,1981,JUL 30 31;TIME,2005 1040;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.041	;FLUORIDE;NYG M-3
6	1010	5.000	;NAPHTALENE,PAH;NG M-3
7	1020	2.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.100	;BIPHENYL,PAH;NG M-3
10	1050	3.400	;ACENAPHTENE,PAH;NG M-3
11	1060	13.300	;FLUORENE,PAH;NG M-3
12	1070	4.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	59.100	;PHENANTHRENE,PAH;NG M-3
14	1090	1.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.200	;FLUORANTHENE,PAH;NG M-3
19	1140	11.400	;PYRENE,PAH;NG M-3
20	1150	1.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	137.200	;TOTAL PAH;NG M-3

SAMPLE LINE 63
SA;KET HACA;C5891-2;SITE,HACA;DATE,1981,JUL 31;TIME,1050 2020;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.221	;FLUORIDE;NYG M-3
6	1010	16.900	;NAPHTALENE,PAH;NG M-3
7	1020	8.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.300	;BIPHENYL,PAH;NG M-3
10	1050	33.900	;ACENAPHTENE,PAH;NG M-3
11	1060	37.700	;FLUORENE,PAH;NG M-3
12	1070	15.650	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	148.600	;PHENANTHRENE,PAH;NG M-3
14	1090	9.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	73.200	;FLUORANTHENE,PAH;NG M-3
19	1140	41.000	;PYRENE,PAH;NG M-3
20	1150	7.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	9.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	13.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	36.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	6.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	4.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	491.449	;TOTAL PAH;NG M-3

SAMPLE LINE 25
SA;KET1;C5794-2;SITE,HACA;DATE,1981,AUG 03 04;TIME,2156 1114;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.036	;FLUORIDE;NYG M-3
6	1010	3.600	;NAPHTALENE,PAH;NG M-3
7	1020	2.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.500	;BIPHENYL,PAH;NG M-3
10	1050	4.500	;ACENAPHTENE,PAH;NG M-3
11	1060	17.400	;FLUORENE,PAH;NG M-3
12	1070	5.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	50.600	;PHENANTHRENE,PAH;NG M-3
14	1090	2.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	16.400	;FLUORANTHENE,PAH;NG M-3
19	1140	8.400	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	117.700	;TOTAL PAH;NG M-3

SAMPLE LINE 39
SA;KET1;C5803-2;SITE,HACA ;DATE,1981,AUG 04;TIME,1123 2025;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	17.200	TEMPERATURE;DEG C
4	130	0.300	DELTA T; DEG C
5	1000	0.029	;FLUORIDE;NYG M-3
6	1010	7.900	;NAPHTALENE,PAH;NG M-3
7	1020	4.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.900	;BIPHENYL,PAH;NG M-3
10	1050	7.500	;ACENAPHTENE,PAH;NG M-3
11	1060	18.800	;FLUORENE,PAH;NG M-3
12	1070	6.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	76.700	;PHENANTHRENE,PAH;NG M-3
14	1090	3.250	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	35.800	;FLUORANTHENE,PAH;NG M-3
19	1140	18.000	;PYRENE,PAH;NG M-3
20	1150	1.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	195.900	;TOTAL PAH;NG M-3

SAMPLE LINE 66
SA;KET HAGA;C5600-2;SITE,HAGA;DATE,1981,AUG 11 12;TIME,2150 0935;SAMPLE TYPE,NIGTH,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	13.900	TEMPERATURE;DEG C
4	130	0.400	DELTA T;DEG C
5	1000	0.075	;FLUORIDE;MYG M-3
6	1010	6.600	;NAPHTALENE,PAH;NG M-3
7	1020	3.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.000	;BIPHENYL,PAH;NG M-3
10	1050	8.400	;ACENAPHTENE,PAH;NG M-3
11	1060	22.100	;FLUORENE,PAH;NG M-3
12	1070	8.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	72.200	;PHENANTHRENE,PAH;NG M-3
14	1090	2.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	29.400	;FLUORANTHENE,PAH;NG M-3
19	1140	15.600	;PYRENE,PAH;NG M-3
20	1150	1.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.500	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	3.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	187.700	;TOTAL PAH;NG M-3

SAMPLE LINE 63
SA;KET1;C5916-2;SITE,HAGA;DATE,1981,AUG 12;TIME,0945 2006;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.500	DELTA T; DEG C
5	1000	2.575	;FLUORIDE;MYG M-3
6	1010	11.100	;NAPHTALENE,PAH;NG M-3
7	1020	4.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.300	;BIPHENYL,PAH;NG M-3
10	1050	44.700	;ACENAPHTENE,PAH;NG M-3
11	1060	116.900	;FLUORENE,PAH;NG M-3
12	1070	51.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	533.500	;PHENANTHRENE,PAH;NG M-3
14	1090	46.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	32.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	337.200	;FLUORANTHENE,PAH;NG M-3
19	1140	212.200	;PYRENE,PAH;NG M-3
20	1150	43.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	26.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	62.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	123.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	157.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	54.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	24.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	4.300	;PERYLENE,PAH;NG M-3
29	1240	26.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	8.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	31.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	8.400	;CORONENE,PAH;NG M-3
34	2000	1967.647	;TOTAL PAH;NG M-3

SAMPLE LINE 71
SA;KET1;C6020-2;SITE,HAGA;DATE,1981,AUG 19 20;TIME,2230 1205;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	10.600	TEMPERATURE;DEG C
4	130	0.700	DELTA T; DEG C
5	1000	0.049	;FLUORIDE;MYG M-3
6	1010	9.500	;NAPHTALENE,PAH;NG M-3
7	1020	5.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.200	;BIPHENYL,PAH;NG M-3
10	1050	9.000	;ACENAPHTENE,PAH;NG M-3
11	1060	22.100	;FLUORENE,PAH;NG M-3
12	1070	5.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	61.300	;PHENANTHRENE,PAH;NG M-3
14	1090	3.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	31.500	;FLUORANTHENE,PAH;NG M-3
19	1140	18.300	;PYRENE,PAH;NG M-3
20	1150	1.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	194.650	;TOTAL PAH;NG M-3

SAMPLE LINE 81
SA;KET1;C1926-2;SITE,HAGA;DATE,1981,AUG 20;TIME,1215 2045;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	1.600	DELTA T; DEG C
5	1000	1.569	;FLUORIDE;MYG M-3
6	1010	20.200	;NAPHTALENE,PAH;NG M-3
7	1020	14.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.900	;BIPHENYL,PAH;NG M-3
10	1050	104.800	;ACENAPHTENE,PAH;NG M-3
11	1060	142.200	;FLUORENE,PAH;NG M-3
12	1070	55.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	569.500	;PHENANTHRENE,PAH;NG M-3
14	1090	47.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.030	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	15.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	322.500	;FLUORANTHENE,PAH;NG M-3
19	1140	201.300	;PYRENE,PAH;NG M-3
20	1150	46.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	26.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	47.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	104.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	98.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	36.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	18.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.200	;PERYLENE,PAH;NG M-3
29	1240	15.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	5.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	19.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.800	;CORONENE,PAH;NG M-3
34	2000	1946.397	;TOTAL PAH;NG M-3

SAMPLE LINE 87
SA;KETI;C6029-2;SITE,HAGA;DATE,1981,AUG 27 28;TIME,2015 1155;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	34.000	WIND DIRECTION
2	110	8.300	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T; DEG C
5	1000	0.014	;FLUORIDE;MYC M-3
6	1010	5.700	;NAPHTALENE,PAH;NG M-3
7	1020	1.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.000	;BIPHENYL,PAH;NG M-3
10	1050	1.800	;ACENAPHTENE,PAH;NG M-3
11	1060	4.600	;FLUORENE,PAH;NG M-3
12	1070	1.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	17.850	;PHENANTHRENE,PAH;NG M-3
14	1090	0.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.300	;FLUORANTHENE,PAH;NG M-3
19	1140	3.150	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.200	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	48.900	;TOTAL PAH;NG M-3

SAMPLE LINE 101
SA;KETI;C6036-2;SITE,HAGA;DATE,1981,AUG 28;TIME,1200 2103;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	3.000	WIND DIRECTION
2	110	6.800	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T; DEG C
5	1000	0.019	;FLUORIDE;MYC M-3
6	1010	28.200	;NAPHTALENE,PAH;NG M-3
7	1020	10.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.000	;BIPHENYL,PAH;NG M-3
10	1050	5.200	;ACENAPHTENE,PAH;NG M-3
11	1060	9.500	;FLUORENE,PAH;NG M-3
12	1070	1.750	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	30.800	;PHENANTHRENE,PAH;NG M-3
14	1090	1.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	16.000	;FLUORANTHENE,PAH;NG M-3
19	1140	11.300	;PYRENE,PAH;NG M-3
20	1150	0.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	141.950	;TOTAL PAH;NG M-3

SAMPLE LINE 109
SA;KETI;C6140-2;SITE,HAGA;DATE,1981,OKT 01 02;TIME,1417 1415;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	12.700	TEMPERATURE;DEG C
4	130	0.400	DELTA T; DEG C
5	1000	0.394	;FLUORIDE;MYC M-3
6	1010	10.100	;NAPHTALENE,PAH;NG M-3
7	1020	7.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.200	;BIPHENYL,PAH;NG M-3
10	1050	29.300	;ACENAPHTENE,PAH;NG M-3
11	1060	80.000	;FLUORENE,PAH;NG M-3
12	1070	30.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	245.800	;PHENANTHRENE,PAH;NG M-3
14	1090	20.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	20.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	116.500	;FLUORANTHENE,PAH;NG M-3
19	1140	76.990	;PYRENE,PAH;NG M-3
20	1150	19.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	12.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	32.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	50.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	65.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	26.600	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	13.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.500	;PERYLENE,PAH;NG M-3
29	1240	13.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	15.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.500	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.200	;CORONENE,PAH;NG M-3
34	2000	907.899	;TOTAL PAH;NG M-3

SAMPLE LINE 119
SA;KETI;C6245-2;SITE,HAGA;DATE,1981,OKT 05 06;TIME,1414 1430;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	9.500	TEMPERATURE;DEG C
4	130	0.200	DELTA T; DEG C
5	1000	0.014	;FLUORIDE;MYC M-3
6	1010	6.100	;NAPHTALENE,PAH;NG M-3
7	1020	4.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.900	;BIPHENYL,PAH;NG M-3
10	1050	3.100	;ACENAPHTENE,PAH;NG M-3
11	1060	15.500	;FLUORENE,PAH;NG M-3
12	1070	4.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	34.350	;PHENANTHRENE,PAH;NG M-3
14	1090	3.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	14.300	;FLUORANTHENE,PAH;NG M-3
19	1140	9.200	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.850	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE DEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.800	;CORONENE,PAH;NG M-3
34	2000	112.400	;TOTAL PAH;NG M-3

SAMPLE LINE 129
SA;KET1;C6450-2;SITE,HAGA;DATE,1981,OKT 13 14;TIME,1150 1120;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	6.500	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.096	;FLUORIDE;MYG M-3
6	1010	22.500	;NAPHTALENE,PAH;NG M-3
7	1020	18.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.590	;BIPHENYL,PAH;NG M-3
10	1050	9.800	;ACENAPHTENE,PAH;NG M-3
11	1060	31.600	;FLUORENE,PAH;NG M-3
12	1070	9.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	65.890	;PHENANTHRENE,PAH;NG M-3
14	1090	6.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	16.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	68.000	;FLUORANTHENE,PAH;NG M-3
19	1140	22.000	;PYRENE,PAH;NG M-3
20	1150	5.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	3.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	2.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.200	;ANTHANTHRENE,PAH;NG M-3
33	1280	7.700	;CORONENE,PAH;NG M-3
34	2000	339.249	;TOTAL PAH;NG M-3

SAMPLE LINE 137
SA;KET1;C6556-2;SITE,HAGA;DATE,1981,OKT 21 22;TIME,1105 1030;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	5.000	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.004	;FLUORIDE;MYG M-3
6	1010	50.300	;NAPHTALENE,PAH;NG M-3
7	1020	33.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	19.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.300	;BIPHENYL,PAH;NG M-3
10	1050	2.700	;ACENAPHTENE,PAH;NG M-3
11	1060	11.800	;FLUORENE,PAH;NG M-3
12	1070	2.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.550	;PHENANTHRENE,PAH;NG M-3
14	1090	2.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.050	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.900	;FLUORANTHENE,PAH;NG M-3
19	1140	7.800	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	0.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	186.150	;TOTAL PAH;NG M-3

SAMPLE LINE 143
SA;KET1;C6559-2;SITE,HAGA;DATE,1981,OKT 29 30;TIME,1213 1120;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	5.000	WIND DIRECTION
2	110	4.300	WIND SPEED;MS-1
3	120	5.300	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.004	;FLUORIDE;MYG M-3
6	1010	16.800	;NAPHTALENE,PAH;NG M-3
7	1020	7.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.600	;BIPHENYL,PAH;NG M-3
10	1050	3.700	;ACENAPHTENE,PAH;NG M-3
11	1060	13.300	;FLUORENE,PAH;NG M-3
12	1070	3.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	29.100	;PHENANTHRENE,PAH;NG M-3
14	1090	2.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.500	;FLUORANTHENE,PAH;NG M-3
19	1140	7.500	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	112.700	;TOTAL PAH;NG M-3

C: RESULTS FROM KÖPMANSGATAN

SAMPLE LINE 72
SA;KET KGT;C496;SITE,KGT;DATE,1980,AUG 26 27;TIME,2036 0947;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	9.100	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	36.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.800	;DIPHENYL,PAH;NG M-3
10	1050	8.800	;ACENAPHTENE,PAH;NG M-3
11	1060	18.900	;FLUORENE,PAH;NG M-3
12	1070	6.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	40.100	;PHENANTHRENE,PAH;NG M-3
14	1090	3.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	4.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.000	;1-METHYL-PHENANTHRENE,PAH;NG M-3
18	1130	14.200	;FLUORANTHENE,PAH;NG M-3
19	1140	11.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	170.300	;TOTAL PAH;NG M-3

SAMPLE LINE 73
SA;KET1;G1200-2;SITE,KGT;DATE,1980,AUG 27;TIME,1001 2107;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.100	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	-1.100	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	5.300	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METUYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.000	;BIPHENYL;PAH;NG M-3
10	1050	11.500	;ACENAPHTENE,PAH;NG M-3
11	1060	58.000	;FLUORENE,PAH;NG M-3
12	1070	26.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	238.100	;PHENANTHRENE,PAH;NG M-3
14	1090	29.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	17.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	14.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	103.000	;FLUORANTHENE,PAH;NG M-3
19	1140	70.500	;PYRENE,PAH;NG M-3
20	1150	6.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	10.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	8.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	36.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	42.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	17.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	10.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	15.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.200	;CORONENE,PAH;NG M-3
34	2000	741.699	;TOTAL PAH;NG M-3

SAMPLE LINE 81
SA;KET1;G1911-2;SITE,KGT;DATE,1980,NOV 18 19;TIME,2045 0926;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	6.400	WIND SPEED;MS-1
3	120	-2.000	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	40.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.200	;BIPHENYL,PAH;NG M-3
10	1050	11.100	;ACENAPHTENE,PAH;NG M-3
11	1060	15.000	;FLUORENE,PAH;NG M-3
12	1070	9.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.000	;FLUORANTHENE,PAH;NG M-3
19	1140	8.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.400	;CORONENE,PAH;NG M-3
34	2000	127.600	;TOTAL PAH;NG M-3

SAMPLE LINE 91
SA;KET1;G1017-2;SITE,KGT;DATE,1980,NOV 19;TIME,0934 2103;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.000	WIND SPEED;MS-1
3	120	-2.000	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	35.100	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.900	;DIPHENYL,PAH;NG M-3
10	1050	7.400	;ACENAPHTENE,PAH;NG M-3
11	1060	11.900	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	16.750	;PHENANTHRENE,PAH;NG M-3
14	1090	2.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.600	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.800	;FLUORANTHENE,PAH;NG M-3
19	1140	6.700	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	104.650	;TOTAL PAH;NG M-3

SAMPLE LINE 99
SA;KET1;C1122-2;SITE,KGT;DATE,1980,NOV 26 27;TIME,1940 0725;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	6.200	WIND SPEED;MS-1
3	120	-12.400	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;NYG M-3
6	1010	346.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	18.900	;BIPHENYL,PAH;NG M-3
10	1050	17.200	;ACENAPHTENE,PAH;NG M-3
11	1060	24.500	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	34.200	;PHENANTRENE,PAH;NG M-3
14	1090	2.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.900	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	6.600	;FLUORANTHENE,PAH;NG M-3
19	1140	7.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	453.900	;TOTAL PAH;NG M-3

SAMPLE LINE 107
SA;KET1;C1626-2;SITE,KGT;DATE,1980,NOV 27;TIME,1006 1855;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-12.100	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;NYG M-3
6	1010	1843.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	71.800	;BIPHENYL,PAH;NG M-3
10	1050	63.800	;ACENAPHTENE,PAH;NG M-3
11	1060	88.000	;FLUORENE,PAH;NG M-3
12	1070	7.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	109.400	;PHENANTRENE,PAH;NG M-3
14	1090	12.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	5.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.000	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	25.200	;FLUORANTHENE,PAH;NG M-3
19	1140	41.000	;PYRENE,PAH;NG M-3
20	1150	5.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	12.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.900	;PERYLENE,PAH;NG M-3
29	1240	4.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	12.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	12.600	;CORONENE,PAH;NG M-3
34	2000	2351.495	;TOTAL PAH;NG M-3

SAMPLE LINE 111
SA;KET1;C2327-2;SITE,KGT;DATE,1980,DES 04 05;TIME,2039 0558;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-8.700	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;NYG M-3
6	1010	131.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.500	;BIPHENYL,PAH;NG M-3
10	1050	4.200	;ACENAPHTENE,PAH;NG M-3
11	1060	10.100	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	12.400	;PHENANTRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	2.900	;FLUORANTHENE,PAH;NG M-3
19	1140	4.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	170.400	;TOTAL PAH;NG M-3

SAMPLE LINE 119
SA;KET1;C2431-2;SITE,KGT;DATE,1980,DES 05;TIME,0804 1727;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	5.800	WIND SPEED;MS-1
3	120	-9.700	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;NYG M-3
6	1010	1481.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	62.200	;BIPHENYL,PAH;NG M-3
10	1050	56.600	;ACENAPHTENE,PAH;NG M-3
11	1060	78.200	;FLUORENE,PAH;NG M-3
12	1070	9.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	89.200	;PHENANTRENE,PAH;NG M-3
14	1090	10.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.650	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	33.000	;FLUORANTHENE,PAH;NG M-3
19	1140	49.300	;PYRENE,PAH;NG M-3
20	1150	3.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.000	;PERYLENE,PAH;NG M-3
29	1240	4.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	16.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	11.700	;CORONENE,PAH;NG M-3
34	2000	1944.597	;TOTAL PAH;NG M-3

SAMPLE LINE 127
SA;KET1;C2035-2;SITE,KGT;DATE,1980,DES 08 09;TIME,2135 0548;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	-0.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYC M-3

SAMPLE LINE 137
SA;KET1;C1740-2;SITE,KGT;DATE,1980,DES 09;TIME,0730 1935;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	-0.700	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYC M-3
6	1010	562.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	66.100	;BIPHENYL,PAH;NG M-3
10	1050	81.300	;ACENAPHTENE,PAH;NG M-3
11	1060	88.000	;FLUORENE,PAH;NG M-3
12	1070	11.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	118.700	;PHENANTHRENE,PAH;NG M-3
14	1090	4.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.500	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	37.400	;FLUORANTHENE,PAH;NG M-3
19	1140	46.600	;PYRENE,PAH;NG M-3
20	1150	6.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	11.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	14.899	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	10.099	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	6.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	5.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	13.500	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	11.000	;CORONENE,PAH;NG M-3
34	2000	1118.397	;TOTAL PAH;NG M-3

SAMPLE LINE 147
SA;KET1;C2746-2;SITE,KGT;DATE,1980,DES 18 19;TIME,2055 0535;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	18.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.070	;FLUORIDE;MYC M-3
6	1010	298.000	;NAPHTALENE,PAH;NG M-3
7	1020	391.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	212.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	49.700	;BIPHENYL,PAH;NG M-3
10	1050	53.500	;ACENAPHTENE,PAH;NG M-3
11	1060	70.700	;FLUORENE,PAH;NG M-3
12	1070	5.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	103.000	;PHENANTHRENE,PAH;NG M-3
14	1090	11.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	33.900	;FLUORANTHENE,PAH;NG M-3
19	1140	31.200	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTUENE,PAH;NG M-3
26	1210	2.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.600	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.000	;CORONENE,PAH;NG M-3
34	2000	1296.098	;TOTAL PAH;NG M-3

SAMPLE LINE 157
SA;KET1;C2951-2;SITE,KGT;DATE,1980,DES 19;TIME,0704 1859;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.300	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYC M-3
6	1010	323.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	97.000	;BIPHENYL,PAH;NG M-3
10	1050	108.000	;ACENAPHTENE,PAH;NG M-3
11	1060	146.000	;FLUORENE,PAH;NG M-3
12	1070	30.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	142.000	;PHENANTHRENE,PAH;NG M-3
14	1090	29.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	13.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	19.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	42.200	;FLUORANTHENE,PAH;NG M-3
19	1140	63.400	;PYRENE,PAH;NG M-3
20	1150	8.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	12.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	15.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	18.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.900	;PERYLENE,PAH;NG M-3
29	1240	8.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	27.700	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	30.700	;CORONENE,PAH;NG M-3
34	2000	1159.093	;TOTAL PAH;NG M-3

SAMPLE LINE 9
SA;KET1;C3356-2;SITE,KGT;DATE,1981,JAN 12 13;TIME,2055 0511;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	-3.300	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;NYG M-3
6	1010	82.900	;NAPHTALENE,PAH;NG M-3
7	1020	121.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	60.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.600	;BIPHENYL,PAH;NG M-3
10	1050	1.200	;ACENAPHTENE,PAH;NG M-3
11	1060	12.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	19.000	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.200	;FLUORANTHENE,PAH;NG M-3
19	1140	5.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	314.000	;TOTAL PAH;NG M-3

SAMPLE LINE 15
SA;KET1;C2859-2;SITE,KGT;DATE,1981,JAN 13;TIME,0625 1905;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	5.200	WIND SPEED;MS-1
3	120	-5.500	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;NYG M-3
6	1010	540.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	53.000	;BIPHENYL,PAH;NG M-3
10	1050	49.000	;ACENAPHTENE,PAH;NG M-3
11	1060	62.000	;FLUORENE,PAH;NG M-3
12	1070	20.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	84.000	;PHENANTHRENE,PAH;NG M-3
14	1090	17.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	4.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	11.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.100	;FLUORANTHENE,PAH;NG M-3
19	1140	32.100	;PYRENE,PAH;NG M-3
20	1150	5.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.800	;PERYLENE,PAH;NG M-3
29	1240	4.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	11.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	15.000	;CORONENE,PAH;NG M-3
34	2000	978.199	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;C2163-2;SITE,KGT;DATE,1981,JAN 20 21;TIME,2030 0503;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	-9.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;NYG M-3
6	1010	286.000	;NAPHTALENE,PAH;NG M-3
7	1020	174.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	91.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	18.700	;BIPHENYL,PAH;NG M-3
10	1050	3.900	;ACENAPHTENE,PAH;NG M-3
11	1060	23.700	;FLUORENE,PAH;NG M-3
12	1070	1.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	35.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.100	;FLUORANTHENE,PAH;NG M-3
19	1140	13.200	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.000	;CORONENE,PAH;NG M-3
34	2000	681.499	;TOTAL PAH;NG M-3

SAMPLE LINE 27
SA;KET1;C2665-2;SITE,KGT;DATE,1981,JAN 21;TIME,0625 1747;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.600	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-9.000	TEMPERATURE;DEG C
4	130	1.200	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;NYG M-3
6	1010	727.000	;NAPHTALENE,PAH;NG M-3
7	1020	495.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	243.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	45.800	;BIPHENYL,PAH;NG M-3
10	1050	43.400	;ACENAPHTENE,PAH;NG M-3
11	1060	53.200	;FLUORENE,PAH;NG M-3
12	1070	15.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	63.600	;PHENANTHRENE,PAH;NG M-3
14	1090	8.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	5.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	24.300	;FLUORANTHENE,PAH;NG M-3
19	1140	32.100	;PYRENE,PAH;NG M-3
20	1150	6.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	17.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.200	;PERYLENE,PAH;NG M-3
29	1240	4.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	11.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	8.200	;CORONENE,PAH;NG M-3
34	2000	1348.897	;TOTAL PAH;NG M-3

SAMPLE LINE 35
SA;KET1;C2971-2;SITE,KCT;DATE,1981,JAN 28 29;TIME,1011 0346;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	3.900	TEMPERATURE;DEG C
4	130	0.900	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	72.900	;NAPHTALENE,PAH;NG M-3
7	1020	127.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	51.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	29.600	;DIPHENYL,PAH;NG M-3
10	1050	36.200	;ACENAPHTENE,PAH;NG M-3
11	1060	60.000	;FLUORENE,PAH;NG M-3
12	1070	11.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	87.300	;PHENANTHRENE,PAH;NG M-3
14	1090	13.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.800	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	41.600	;FLUORANTHENE,PAH;NG M-3
19	1140	56.600	;PYRENE,PAH;NG M-3
20	1150	6.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	9.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	28.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	29.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	41.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	39.900	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	24.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	37.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.700	;PERYLENE,PAH;NG M-3
29	1240	24.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	71.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	5.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	49.300	;CORONENE,PAH;NG M-3
34	2000	975.498	;TOTAL PAH;NG M-3

SAMPLE LINE 39
SA;KET1;C2973-2;SITE,KCT;DATE,1981,FEB 03 04;TIME,1656 1003;SAMPLE TYPE,
NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	12.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	116.000	;NAPHTALENE,PAH;NG M-3
7	1020	113.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	58.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.500	;DIPHENYL,PAH;NG M-3
10	1050	16.000	;ACENAPHTENE,PAH;NG M-3
11	1060	34.300	;FLUORENE,PAH;NG M-3
12	1070	1.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	56.300	;PHENANTHRENE,PAH;NG M-3
14	1090	5.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.600	;FLUORANTHENE,PAH;NG M-3
19	1140	21.700	;PYRENE,PAH;NG M-3
20	1150	0.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	10.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	6.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.800	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.300	;CORONENE,PAH;NG M-3
34	2000	515.799	;TOTAL PAH;NG M-3

SAMPLE LINE 41
SA;KET1;C2974-2;SITE,KCT;DATE,1981,FEB 04;TIME,1013 1548;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	8.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	-1.300	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	438.000	;NAPHTALENE,PAH;NG M-3
7	1020	303.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	244.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	33.600	;DIPHENYL,PAH;NG M-3
10	1050	7.300	;ACENAPHTENE,PAH;NG M-3
11	1060	38.100	;FLUORENE,PAH;NG M-3
12	1070	5.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	48.300	;PHENANTHRENE,PAH;NG M-3
14	1090	6.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.800	;FLUORANTHENE,PAH;NG M-3
19	1140	19.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.500	;CORONENE,PAH;NG M-3
34	2000	1393.098	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KETI;C2575-2;SITE,KGT;DATE,1981,FEB 04 05;TIME,1610 1032;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	4.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-4.100	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYC M-3
6	1010	161.000	;NAPHTALENE,PAH;NC M-3
7	1020	225.000	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	93.300	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	21.200	;BIPHENYL,PAH;NC M-3
10	1050	5.800	;ACENAPHTENE,PAH;NC M-3
11	1060	24.400	;FLUORENE,PAH;NC M-3
12	1070	6.200	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	34.900	;PHENANTHRENE,PAH;NC M-3
14	1090	6.400	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	4.700	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	10.500	;FLUORANTHENE,PAH;NC M-3
19	1140	13.700	;PYRENE,PAH;NC M-3
20	1150	0.700	;BENZO A FLUORENE,PAH;NC M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NC M-3
22	1170	2.400	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	4.900	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	5.500	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NC M-3
26	1210	2.100	;BENZO E PYRENE DEP,PAH;NC M-3
27	1220	2.200	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.000	;PERYLENE,PAH;NC M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	5.000	;BENZO CHI PERYLENE,PAH;NC M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NC M-3
33	1280	2.600	;CORONENE,PAH;NC M-3
34	2000	633.499	;TOTAL PAH;NC M-3

SAMPLE LINE 47
SA;KETI;C3079-2;SITE,KGT;DATE,1981,FEB 05;TIME,1050 1509;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	0.800	WIND SPEED;MS-1
3	120	-4.000	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYC M-3
6	1010	1007.000	;NAPHTALENE,PAH;NC M-3
7	1020	853.000	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	427.000	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	45.100	;BIPHENYL,PAH;NC M-3
10	1050	34.300	;ACENAPHTENE,PAH;NC M-3
11	1060	55.200	;FLUORENE,PAH;NC M-3
12	1070	11.600	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	85.000	;PHENANTHRENE,PAH;NC M-3
14	1090	8.300	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.500	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	9.600	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	32.200	;FLUORANTHENE,PAH;NC M-3
19	1140	31.500	;PYRENE,PAH;NC M-3
20	1150	1.600	;BENZO A FLUORENE,PAH;NC M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NC M-3
22	1170	2.200	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	4.400	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	4.100	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NC M-3
26	1210	3.600	;BENZO E PYRENE DEP,PAH;NC M-3
27	1220	2.900	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.400	;PERYLENE,PAH;NC M-3
29	1240	1.800	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	4.700	;BENZO CHI PERYLENE,PAH;NC M-3
32	1270	0.700	;ANTHANTHRENE,PAH;NC M-3
33	1280	3.000	;CORONENE,PAH;NC M-3
34	2000	2630.893	;TOTAL PAH;NC M-3

SAMPLE LINE 117
SA;KETI;C3080-2;SITE,KGT;DATE,1981,FEB 05 06;TIME,1537 0935;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-5.800	TEMPERATURE;DEG C
4	130	0.400	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYC M-3
6	1010	374.600	;NAPHTALENE,PAH;NC M-3
7	1020	581.300	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	314.300	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	55.200	;BIPHENYL,PAH;NC M-3
10	1050	26.700	;ACENAPHTENE,PAH;NC M-3
11	1060	66.800	;FLUORENE,PAH;NC M-3
12	1070	17.700	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	100.900	;PHENANTHRENE,PAH;NC M-3
14	1090	14.300	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	1.300	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	10.700	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	37.500	;FLUORANTHENE,PAH;NC M-3
19	1140	46.900	;PYRENE,PAH;NC M-3
20	1150	5.400	;BENZO A FLUORENE,PAH;NC M-3
21	1160	3.900	;BENZO B FLUORENE,PAH;NC M-3
22	1170	5.000	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	6.600	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	8.500	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	5.400	;BENZO CHI FLUORANTHENE,PAH;NC M-3
26	1210	3.700	;BENZO E PYRENE DEP,PAH;NC M-3
27	1220	5.600	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.700	;PERYLENE,PAH;NC M-3
29	1240	3.200	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	7.100	;BENZO CHI PERYLENE,PAH;NC M-3
32	1270	1.300	;ANTHANTHRENE,PAH;NC M-3
33	1280	4.000	;CORONENE,PAH;NC M-3
34	2000	1908.997	;TOTAL PAH;NC M-3

SAMPLE LINE 51
SA;KETI;C3902-2;SITE,KGT;DATE,1981,FEB 09 10;TIME,1105 1054;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.500	WIND SPEED;MS-1
3	120	-2.100	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;HYC M-3
6	1010	236.000	;NAPHTALENE,PAH;NC M-3
7	1020	269.000	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	151.000	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	27.200	;BIPHENYL,PAH;NC M-3
10	1050	8.400	;ACENAPHTENE,PAH;NC M-3
11	1060	32.900	;FLUORENE,PAH;NC M-3
12	1070	7.200	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	43.000	;PHENANTHRENE,PAH;NC M-3
14	1090	6.000	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.200	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	6.200	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	12.200	;FLUORANTHENE,PAH;NC M-3
19	1140	14.700	;PYRENE,PAH;NC M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NC M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NC M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.900	;BENZO CHI FLUORANTHENE,PAH;NC M-3
26	1210	0.200	;BENZO E PYRENE DEP,PAH;NC M-3
27	1220	0.900	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.100	;PERYLENE,PAH;NC M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	1.500	;BENZO CHI PERYLENE,PAH;NC M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NC M-3
33	1280	0.900	;CORONENE,PAH;NC M-3
34	2000	826.598	;TOTAL PAH;NC M-3

SAMPLE LINE 61
SA;KET1;C3187-2;SITE,KGT;DATE,1981,FEB 17 18;TIME,1358 1358;SAMPLE TYPE 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	-4.300	TEMPERATURE;DEG C
4	130	1.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	339.000	;NAPHTALENE,PAH;NG M-3
7	1020	374.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	193.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	46.800	;BIPHENYL,PAH;NG M-3
10	1050	5.900	;ACENAPHTENE,PAH;NG M-3
11	1060	55.200	;FLUORENE,PAH;NG M-3
12	1070	8.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	66.400	;PHENANTHRENE,PAH;NG M-3
14	1090	13.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	18.100	;FLUORANTHENE,PAH;NG M-3
19	1140	21.600	;PYRENE,PAH;NG M-3
20	1150	1.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	3.400	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.900	;CORONENE,PAH;NG M-3
34	2000	1182.497	;TOTAL PAH;NG M-3

SAMPLE LINE 71
SA;KET1;C3192-2;SITE,KGT;DATE,1981,FEB 25 26;TIME,0950 0958;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-3.100	TEMPERATURE;DEG C
4	130	-0.500	DELTA T;DEG C
5	1000	0.150	;FLUORIDE;MYG M-3
6	1010	236.000	;NAPHTALENE,PAH;NG M-3
7	1020	242.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	127.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	46.400	;BIPHENYL,PAH;NG M-3
10	1050	120.000	;ACENAPHTENE,PAH;NG M-3
11	1060	74.400	;FLUORENE,PAH;NG M-3
12	1070	21.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	160.100	;PHENANTHRENE,PAH;NG M-3
14	1090	15.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	75.100	;FLUORANTHENE,PAH;NG M-3
19	1140	57.300	;PYRENE,PAH;NG M-3
20	1150	4.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	9.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	18.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.600	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	7.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	3.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.400	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	1257.597	;TOTAL PAH;NG M-3

SAMPLE LINE 75
SA;KET1;C3694-2;SITE,KGT;DATE,1981,MAR 05 06;TIME,1153 1142;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.600	WIND SPEED;MS-1
3	120	-13.700	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.060	;FLUORIDE;MYG M-3
6	1010	199.000	;NAPHTALENE,PAH;NG M-3
7	1020	244.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	129.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.800	;BIPHENYL,PAH;NG M-3
10	1050	13.200	;ACENAPHTENE,PAH;NG M-3
11	1060	25.700	;FLUORENE,PAH;NG M-3
12	1070	9.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	53.900	;PHENANTHRENE,PAH;NG M-3
14	1090	8.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.500	;FLUORANTHENE,PAH;NG M-3
19	1140	21.000	;PYRENE,PAH;NG M-3
20	1150	1.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.300	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	769.298	;TOTAL PAH;NG M-3

SAMPLE LINE 83
SA;KET1;C3798-2;SITE,KGT;DATE,1981,MAR 09 10;TIME,1200 1230;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	8.100	WIND SPEED;MS-1
3	120	-2.200	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	51.100	;NAPHTALENE,PAH;NG M-3
7	1020	97.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	51.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.800	;BIPHENYL,PAH;NG M-3
10	1050	6.900	;ACENAPHTENE,PAH;NG M-3
11	1060	25.900	;FLUORENE,PAH;NG M-3
12	1070	6.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	36.600	;PHENANTHRENE,PAH;NG M-3
14	1090	3.520	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.600	;FLUORANTHENE,PAH;NG M-3
19	1140	11.200	;PYRENE,PAH;NG M-3
20	1150	1.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	338.219	;TOTAL PAH;NG M-3

SAMPLE LINE 91
SA;KET1;C3502-2;SITE,KGT;DATE,1981,MAR 17 18;TIME,1027 1342;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.600	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	0.100	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	110.000	;NAPHTALENE,PAH;NG M-3
7	1020	241.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	131.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	31.200	;BIPHENYL,PAH;NG M-3
10	1050	25.900	;ACENAPHTENE,PAH;NG M-3
11	1060	47.800	;FLUORENE,PAH;NG M-3
12	1070	17.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	62.400	;PHENANTHRENE,PAH;NG M-3
14	1090	9.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	4.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	17.400	;FLUORANTHENE,PAH;NG M-3
19	1140	16.700	;PYRENE,PAH;NG M-3
20	1150	2.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.000	;CORONENE,PAH;NG M-3
34	2000	746.699	;TOTAL PAH;NG M-3

SAMPLE LINE 95
SA;KET1;C3406-2;SITE,KGT;DATE,1981,MAR 25 26;TIME,1026 1028;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.700	DELTA T;DEG C
5	1000	0.080	;FLUORIDE;MYG M-3
6	1010	137.000	;NAPHTALENE,PAH;NG M-3
7	1020	204.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	126.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	33.000	;BIPHENYL,PAH;NG M-3
10	1050	12.200	;ACENAPHTENE,PAH;NG M-3
11	1060	54.600	;FLUORENE,PAH;NG M-3
12	1070	17.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	110.700	;PHENANTHRENE,PAH;NG M-3
14	1090	23.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	15.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	53.000	;FLUORANTHENE,PAH;NG M-3
19	1140	58.500	;PYRENE,PAH;NG M-3
20	1150	17.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	10.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	19.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	11.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	10.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.800	;PERYLENE,PAH;NG M-3
29	1240	10.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	20.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	1.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	12.100	;CORONENE,PAH;NG M-3
34	2000	971.998	;TOTAL PAH;NG M-3

SAMPLE LINE 103
SA;KET1;C3410-2;SITE,KGT;DATE,1981,APR 02 03;TIME,1048 0817;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	7.700	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.140	;FLUORIDE;MYG M-3
6	1010	127.800	;NAPHTALENE,PAH;NG M-3
7	1020	169.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	81.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	32.500	;BIPHENYL,PAH;NG M-3
10	1050	23.600	;ACENAPHTENE,PAH;NG M-3
11	1060	102.600	;FLUORENE,PAH;NG M-3
12	1070	8.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	151.000	;PHENANTHRENE,PAH;NG M-3
14	1090	11.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	14.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	52.300	;FLUORANTHENE,PAH;NG M-3
19	1140	44.600	;PYRENE,PAH;NG M-3
20	1150	3.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	4.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	5.200	;CORONENE,PAH;NG M-3
34	2000	871.799	;TOTAL PAH;NG M-3

SAMPLE LINE 123
SA;KET1;C3014-2;SITE,KGT;DATE,1981,APR 06 07;TIME,1210 1210;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	7.200	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.090	;FLUORIDE;MYG M-3
6	1010	34.900	;NAPHTALENE,PAH;NG M-3
7	1020	39.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	28.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.300	;BIPHENYL,PAH;NG M-3
10	1050	27.200	;ACENAPHTENE,PAH;NG M-3
11	1060	35.000	;FLUORENE,PAH;NG M-3
12	1070	4.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	50.000	;PHENANTHRENE,PAH;NG M-3
14	1090	3.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.500	;FLUORANTHENE,PAH;NG M-3
19	1140	12.500	;PYRENE,PAH;NG M-3
20	1150	0.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	290.999	;TOTAL PAH;NG M-3

SAMPLE LINE 139
SA;KETI;G3810-2;SITE,KGT;DATE,1981,APR 14 15;TIME,1043 1304;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	9.600	WIND SPEED;MS-1
3	120	7.300	TEMPERATURE;DEG C
4	130	-1.200	DELTA T;DEG C
5	1000	0.030	;FLUORIDE;MYC M-3
6	1010	25.200	;NAPHTALENE,PAH;NC M-3
7	1020	31.600	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	14.200	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	4.100	;DIPHENYL,PAH;NC M-3
10	1050	5.700	;ACENAPHTENE,PAH;NC M-3
11	1060	11.800	;FLUORENE,PAH;NC M-3
12	1070	3.100	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	19.900	;PHENANTHRENE,PAH;NC M-3
14	1090	1.300	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	1.400	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	5.600	;FLUORANTHENE,PAH;NC M-3
19	1140	5.000	;PYRENE,PAH;NC M-3
20	1150	0.700	;BENZO A FLUORENE,PAH;NC M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NC M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NC M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NC M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.000	;PERYLENE,PAH;NC M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	0.000	;DENZO CHI PERYLENE,PAH;NC M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NC M-3
33	1280	0.000	;CORONENE,PAH;NC M-3
34	2000	130.000	;TOTAL PAH;NC M-3

SAMPLE LINE 141
SA;KETI;G4322-2;SITE,KGT;DATE,1981,APR 22 23;TIME,1218 1127;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYC M-3
6	1010	55.500	;NAPHTALENE,PAH;NC M-3
7	1020	86.400	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	46.100	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	11.300	;DIPHENYL,PAH;NC M-3
10	1050	6.800	;ACENAPHTENE,PAH;NC M-3
11	1060	26.400	;FLUORENE,PAH;NC M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	37.500	;PHENANTHRENE,PAH;NC M-3
14	1090	0.100	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	2.500	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	13.900	;FLUORANTHENE,PAH;NC M-3
19	1140	15.100	;PYRENE,PAH;NC M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NC M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NC M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.600	;BENZO GHI FLUORANTHENE,PAH;NC M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NC M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.600	;PERYLENE,PAH;NC M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	1.500	;BENZO GHI PERYLENE,PAH;NC M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NC M-3
33	1280	1.900	;CORONENE,PAH;NC M-3
34	2000	312.399	;TOTAL PAH;NC M-3

SAMPLE LINE 142
SA;KETI;G4026-2;SITE,KGT;DATE,1981,MAY 07 08;TIME,1417 1119;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	8.800	TEMPERATURE;DEG C
4	130	0.200	DELTA T;DEG C
5	1000	0.345	;FLUORIDE;MYC M-3
6	1010	53.600	;NAPHTALENE,PAH;NC M-3
7	1020	87.200	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	52.800	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	21.900	;DIPHENYL,PAH;NC M-3
10	1050	75.900	;ACENAPHTENE,PAH;NC M-3
11	1060	96.500	;FLUORENE,PAH;NC M-3
12	1070	30.300	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	194.400	;PHENANTHRENE,PAH;NC M-3
14	1090	18.400	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	11.100	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	71.300	;FLUORANTHENE,PAH;NC M-3
19	1140	49.700	;PYRENE,PAH;NC M-3
20	1150	6.200	;BENZO A FLUORENE,PAH;NC M-3
21	1160	4.400	;BENZO B FLUORENE,PAH;NC M-3
22	1170	3.400	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	12.600	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	9.300	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NC M-3
26	1210	6.100	;BENZO E PYRENE BEP,PAH;NC M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.000	;PERYLENE,PAH;NC M-3
29	1240	3.100	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	5.200	;BENZO GHI PERYLENE,PAH;NC M-3
32	1270	0.900	;ANTHANTHRENE,PAH;NC M-3
33	1280	1.200	;CORONENE,PAH;NC M-3
34	2000	818.699	;TOTAL PAH;NC M-3

SAMPLE LINE 139
SA;KETI;G4731-2;SITE,KGT;DATE,1981,MAY 11 12;TIME,1429 1345;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	8.600	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.111	;FLUORIDE;MYC M-3
6	1010	28.300	;NAPHTALENE,PAH;NC M-3
7	1020	50.600	;2-METHYL NAPHTALENE,PAH;NC M-3
8	1030	26.100	;1-METHYL NAPHTALENE,PAH;NC M-3
9	1040	11.900	;DIPHENYL,PAH;NC M-3
10	1050	25.700	;ACENAPHTENE,PAH;NC M-3
11	1060	53.300	;FLUORENE,PAH;NC M-3
12	1070	16.500	;DIBENZOTHIOPHENE,PAH;NC M-3
13	1080	114.100	;PHENANTHRENE,PAH;NC M-3
14	1090	9.600	;ANTHRACENE,PAH;NC M-3
15	1100	0.000	;CARBAZOLE,PAH;NC M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NC M-3
17	1120	8.400	;1-METHYL PHENANTHRENE,PAH;NC M-3
18	1130	56.500	;FLUORANTHENE,PAH;NC M-3
19	1140	36.000	;PYRENE,PAH;NC M-3
20	1150	7.700	;BENZO A FLUORENE,PAH;NC M-3
21	1160	5.500	;BENZO B FLUORENE,PAH;NC M-3
22	1170	3.500	;BENZO A ANTHRACENE,PAH;NC M-3
23	1180	17.500	;CHRYSENE / TRIPHENYLENE,PAH;NC M-3
24	1190	8.500	;BENZO J / K / B FLUORANTHENE,PAH;NC M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NC M-3
26	1210	6.300	;BENZO E PYRENE BEP,PAH;NC M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NC M-3
28	1230	0.300	;PERYLENE,PAH;NC M-3
29	1240	2.900	;O-PHENYLENE PYRENE,PAH;NC M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NC M-3
31	1260	5.100	;BENZO GHI PERYLENE,PAH;NC M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NC M-3
33	1280	2.600	;CORONENE,PAH;NC M-3
34	2000	499.299	;TOTAL PAH;NC M-3

SAMPLE LINE 5
SA;KET1;C4036-2;SITE,KCT;DATE,1981,MAY 19 20;TIME,2215 0634;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	7.800	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYG M-3
6	1010	91.000	;NAPHTALENE,PAH;NG M-3
7	1020	131.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	79.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	26.700	;BIPHENYL,PAH;NG M-3
10	1050	63.100	;ACENAPHTENE,PAH;NG M-3
11	1060	66.300	;FLUORENE,PAH;NG M-3
12	1070	20.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	185.400	;PHENANTHRENE,PAH;NG M-3
14	1090	6.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	65.300	;FLUORANTHENE,PAH;NG M-3
19	1140	31.100	;PYRENE,PAH;NG M-3
20	1150	5.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	11.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	10.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	6.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	3.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.100	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	824.399	;TOTAL PAH;NG M-3

SAMPLE LINE 15
SA;KET1;C4041-2;SITE,KCT;DATE,1981,MAY 20;TIME,0647 2105;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	14.700	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	1.530	;FLUORIDE;HYG M-3
6	1010	57.800	;NAPHTALENE,PAH;NG M-3
7	1020	89.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	48.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.200	;BIPHENYL,PAH;NG M-3
10	1050	150.000	;ACENAPHTENE,PAH;NG M-3
11	1060	360.000	;FLUORENE,PAH;NG M-3
12	1070	154.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1376.000	;PHENANTHRENE,PAH;NG M-3
14	1090	99.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	41.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	727.400	;FLUORANTHENE,PAH;NG M-3
19	1140	441.800	;PYRENE,PAH;NG M-3
20	1150	92.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	57.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	60.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	208.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	125.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	70.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	33.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	4.100	;PERYLENE,PAH;NG M-3
29	1240	29.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	8.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	39.700	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.800	;CORONENE,PAH;NG M-3
34	2000	4300.492	;TOTAL PAH;NG M-3

SAMPLE LINE 25
SA;KET1;C4143-2;SITE,KCT;DATE,1981,JUN 03 04;TIME,2150 1109;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.900	WIND SPEED;MS-1
3	120	13.800	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYG M-3
6	1010	52.600	;NAPHTALENE,PAH;NG M-3
7	1020	103.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	58.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	19.000	;BIPHENYL,PAH;NG M-3
10	1050	132.000	;ACENAPHTENE,PAH;NG M-3
11	1060	173.000	;FLUORENE,PAH;NG M-3
12	1070	59.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	421.700	;PHENANTHRENE,PAH;NG M-3
14	1090	31.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	15.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	156.800	;FLUORANTHENE,PAH;NG M-3
19	1140	93.700	;PYRENE,PAH;NG M-3
20	1150	23.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	15.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	13.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	29.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	26.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	8.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	5.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.800	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.700	;CORONENE,PAH;NG M-3
34	2000	1460.497	;TOTAL PAH;NG M-3

SAMPLE LINE 31
SA;KET1;C4651-2;SITE,KCT;DATE,1984,JUN 04;TIME,1123 2140;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.700	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.892	;FLUORIDE;HYG M-3
6	1010	73.400	;NAPHTALENE,PAH;NG M-3
7	1020	101.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	60.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	23.900	;BIPHENYL,PAH;NG M-3
10	1050	181.000	;ACENAPHTENE,PAH;NG M-3
11	1060	209.000	;FLUORENE,PAH;NG M-3
12	1070	81.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	712.700	;PHENANTHRENE,PAH;NG M-3
14	1090	55.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	24.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	331.000	;FLUORANTHENE,PAH;NG M-3
19	1140	200.600	;PYRENE,PAH;NG M-3
20	1150	38.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	27.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	27.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	83.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	45.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	34.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	11.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.100	;PERYLENE,PAH;NG M-3
29	1240	10.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	12.700	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.100	;CORONENE,PAH;NG M-3
34	2000	2343.796	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET1;G4259-2;SITE,KGT;DATE,1981,JUN 11 12;TIME,2150 1106;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.015	;FLUORIDE;MYG M-3
6	1010	58.300	;NAPHTALENE,PAH;NG M-3
7	1020	105.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	59.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.100	;BIPHENYL,PAH;NG M-3
10	1050	8.600	;ACENAPHTENE,PAH;NG M-3
11	1060	22.900	;FLUORENE,PAH;NG M-3
12	1070	3.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	34.300	;PHENANTHRENE,PAH;NG M-3
14	1090	3.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.050	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.600	;FLUORANTHENE,PAH;NG M-3
19	1140	10.600	;PYRENE,PAH;NG M-3
20	1150	1.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	2.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.600	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	354.399	;TOTAL PAH;NG M-3

SAMPLE LINE 17
SA;KET1;G4562-2;SITE,KGT;DATE,1981,JUN 12;TIME,1119 2120;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	14.000	WIND DIRECTION
2	110	3.400	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.047	;FLUORIDE;MYG M-3
6	1010	45.000	;NAPHTALENE,PAH;NG M-3
7	1020	79.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	43.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.100	;BIPHENYL,PAH;NG M-3
10	1050	6.300	;ACENAPHTENE,PAH;NG M-3
11	1060	28.700	;FLUORENE,PAH;NG M-3
12	1070	4.050	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	42.000	;PHENANTHRENE,PAH;NG M-3
14	1090	5.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.900	;FLUORANTHENE,PAH;NG M-3
19	1140	13.000	;PYRENE,PAH;NG M-3
20	1150	4.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	0.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.600	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	323.499	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;G43000-2;SITE,KGT;DATE,1981,JUN 15 16;TIME,2210 1036;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.104	;FLUORIDE;MYG M-3
6	1010	57.200	;NAPHTALENE,PAH;NG M-3
7	1020	91.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	51.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.900	;BIPHENYL,PAH;NG M-3
10	1050	28.000	;ACENAPHTENE,PAH;NG M-3
11	1060	43.900	;FLUORENE,PAH;NG M-3
12	1070	15.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	118.800	;PHENANTHRENE,PAH;NG M-3
14	1090	10.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.260	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	56.100	;FLUORANTHENE,PAH;NG M-3
19	1140	36.300	;PYRENE,PAH;NG M-3
20	1150	7.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	14.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	6.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	3.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.300	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.700	;CORONENE,PAH;NG M-3
34	2000	582.499	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KET KGT;G50008-2;SITE,KGT;DATE,1981,JUN 16;TIME,1104 2247;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.297	;FLUORIDE;MYG M-3
6	1010	103.000	;NAPHTALENE,PAH;NG M-3
7	1020	121.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	65.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	17.800	;BIPHENYL,PAH;NG M-3
10	1050	66.100	;ACENAPHTENE,PAH;NG M-3
11	1060	89.300	;FLUORENE,PAH;NG M-3
12	1070	29.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	246.300	;PHENANTHRENE,PAH;NG M-3
14	1090	17.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	13.750	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	135.900	;FLUORANTHENE,PAH;NG M-3
19	1140	89.200	;PYRENE,PAH;NG M-3
20	1150	16.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	11.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	10.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	40.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	36.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	15.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	5.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	6.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.700	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.700	;CORONENE,PAH;NG M-3
34	2000	1150.148	;TOTAL PAH;NG M-3

SAMPLE LINE 49
SA;KET1;C51013-2;SITE,KCT;DATE,1981,JUN 24 25;TIME,2200 1015;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	0.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.326	;FLUORIDE;HYG M-3
6	1010	55.900	;NAPHTALENE,PAH;NG M-3
7	1020	141.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	85.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	16.900	;BIPHENYL,PAH;NG M-3
10	1050	53.600	;ACENAPHTENE,PAH;NG M-3
11	1060	109.000	;FLUORENE,PAH;NG M-3
12	1070	43.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	292.100	;PHENANTHRENE,PAH;NG M-3
14	1090	15.230	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	14.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	129.500	;FLUORANTHENE,PAH;NG M-3
19	1140	75.900	;PYRENE,PAH;NG M-3
20	1150	12.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	8.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	8.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	30.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	27.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	9.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	6.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	1147.648	;TOTAL PAH;NG M-3

SAMPLE LINE 54
SA;KET1;C50020-2;SITE,KCT;DATE,1981,JUN 25;TIME,1027 2104;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.019	;FLUORIDE;HYG M-3
6	1010	66.700	;NAPHTALENE,PAH;NG M-3
7	1020	111.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	55.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.800	;BIPHENYL,PAH;NG M-3
10	1050	11.200	;ACENAPHTENE,PAH;NG M-3
11	1060	47.200	;FLUORENE,PAH;NG M-3
12	1070	13.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	88.300	;PHENANTHRENE,PAH;NG M-3
14	1090	9.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	31.600	;FLUORANTHENE,PAH;NG M-3
19	1140	22.100	;PYRENE,PAH;NG M-3
20	1150	2.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.550	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	2.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.500	;CORONENE,PAH;NG M-3
34	2000	503.249	;TOTAL PAH;NG M-3

SAMPLE LINE 67
SA;KET1;C53012-2;SITE,KCT;DATE,1981,JUL 02 03;TIME,2200 1144;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.046	;FLUORIDE;HYG M-3
6	1010	63.400	;NAPHTALENE,PAH;NG M-3
7	1020	112.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	73.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	19.446	;BIPHENYL,PAH;NG M-3
10	1050	23.000	;ACENAPHTENE,PAH;NG M-3
11	1060	62.100	;FLUORENE,PAH;NG M-3
12	1070	17.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	135.900	;PHENANTHRENE,PAH;NG M-3
14	1090	14.950	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.200	;FLUORANTHENE,PAH;NG M-3
19	1140	29.200	;PYRENE,PAH;NG M-3
20	1150	4.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.660	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.760	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.660	;CORONENE,PAH;NG M-3
34	2000	627.343	;TOTAL PAH;NG M-3

SAMPLE LINE 77
SA;KET1;C53026-2;SITE,KCT;DATE,1981,JUL 03;TIME,1152 2144;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	23.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.028	;FLUORIDE;HYG M-3
6	1010	49.700	;NAPHTALENE,PAH;NG M-3
7	1020	39.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	18.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.500	;BIPHENYL,PAH;NG M-3
10	1050	14.900	;ACENAPHTENE,PAH;NG M-3
11	1060	64.800	;FLUORENE,PAH;NG M-3
12	1070	18.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	128.200	;PHENANTHRENE,PAH;NG M-3
14	1090	13.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	12.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.000	;FLUORANTHENE,PAH;NG M-3
19	1140	27.600	;PYRENE,PAH;NG M-3
20	1150	3.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	4.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.600	;CORONENE,PAH;NG M-3
34	2000	450.499	;TOTAL PAH;NG M-3

SAMPLE LINE 87
SA;KET1;C5371-2;SITE,KGT;DATE,1981,JUL 06 07;TIME,2100 1042;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	25.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.002	;FLUORIDE;HYG M-3
6	1010	27.800	;NAPHTALENE,PAH;NG M-3
7	1020	13.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.100	;BIPHENYL,PAH;NG M-3
10	1050	6.700	;ACENAPHTENE,PAH;NG M-3
11	1060	38.700	;FLUORENE,PAH;NG M-3
12	1070	13.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	90.500	;PHENANTRENE,PAH;NG M-3
14	1090	5.950	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.350	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	29.800	;FLUORANTHENE,PAH;NG M-3
19	1140	18.600	;PYRENE,PAH;NG M-3
20	1150	2.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	286.199	;TOTAL PAH;NG M-3

SAMPLE LINE 97
SA;KET1;C5477-2;SITE,KGT;DATE,1981,JUL 07;TIME,1053 2103;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;HYG M-3
6	1010	45.300	;NAPHTALENE,PAH;NG M-3
7	1020	23.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	13.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.900	;BIPHENYL,PAH;NG M-3
10	1050	7.800	;ACENAPHTENE,PAH;NG M-3
11	1060	51.400	;FLUORENE,PAH;NG M-3
12	1070	17.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	105.300	;PHENANTRENE,PAH;NG M-3
14	1090	10.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	16.300	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	34.300	;FLUORANTHENE,PAH;NG M-3
19	1140	22.500	;PYRENE,PAH;NG M-3
20	1150	2.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.200	;CORONENE,PAH;NG M-3
34	2000	384.399	;TOTAL PAH;NG M-3

SAMPLE LINE 105
SA;KET1;C5510-2;SITE,KGT;DATE,1981,JUL 14 15;TIME,2225 1031;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.009	;FLUORIDE;HYG M-3
6	1010	37.000	;NAPHTALENE,PAH;NG M-3
7	1020	71.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	41.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.800	;BIPHENYL,PAH;NG M-3
10	1050	16.000	;ACENAPHTENE,PAH;NG M-3
11	1060	32.000	;FLUORENE,PAH;NG M-3
12	1070	9.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	70.200	;PHENANTRENE,PAH;NG M-3
14	1090	5.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.800	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	24.900	;FLUORANTHENE,PAH;NG M-3
19	1140	13.000	;PYRENE,PAH;NG M-3
20	1150	1.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	349.649	;TOTAL PAH;NG M-3

SAMPLE LINE 111
SA;KET1;C5531-2;SITE,KGT;DATE,1981,JUL 15;TIME,1040 2115;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.007	;FLUORIDE;HYG M-3
6	1010	39.900	;NAPHTALENE,PAH;NG M-3
7	1020	74.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	56.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.600	;BIPHENYL,PAH;NG M-3
10	1050	11.000	;ACENAPHTENE,PAH;NG M-3
11	1060	35.500	;FLUORENE,PAH;NG M-3
12	1070	13.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	62.200	;PHENANTRENE,PAH;NG M-3
14	1090	6.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.650	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	23.500	;FLUORANTHENE,PAH;NG M-3
19	1140	12.900	;PYRENE,PAH;NG M-3
20	1150	1.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.150	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	366.249	;TOTAL PAH;NG M-3

SAMPLE LINE 123
SA;KET1;C5482-2;SITE,KGT;DATE,1981,JUL 22 23;TIME,2030 1115;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.065	;FLUORIDE;MYG M-3
6	1010	25.600	;NAPHTALENE,PAH;NG M-3
7	1020	40.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	21.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.300	;BIPHENYL,PAH;NG M-3
10	1050	9.400	;ACENAPHTENE,PAH;NG M-3
11	1060	24.500	;FLUORENE,PAH;NG M-3
12	1070	7.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	53.600	;PHENANTHRENE,PAH;NG M-3
14	1090	4.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	21.900	;FLUORANTHENE,PAH;NG M-3
19	1140	11.400	;PYRENE,PAH;NG M-3
20	1150	1.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.650	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.600	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.600	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.200	;CORONENE,PAH;NG M-3
34	2000	247.950	;TOTAL PAH;NG M-3

SAMPLE LINE 133
SA;KET1;C5687-2;SITE,KGT;DATE,1981,JUL 23;TIME,1125 2020;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.019	;FLUORIDE;MYG M-3
6	1010	47.500	;NAPHTALENE,PAH;NG M-3
7	1020	76.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	40.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.400	;BIPHENYL,PAH;NG M-3
10	1050	9.500	;ACENAPHTENE,PAH;NG M-3
11	1060	29.000	;FLUORENE,PAH;NG M-3
12	1070	8.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	65.900	;PHENANTHRENE,PAH;NG M-3
14	1090	6.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.200	;FLUORANTHENE,PAH;NG M-3
19	1140	17.100	;PYRENE,PAH;NG M-3
20	1150	2.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	2.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	353.899	;TOTAL PAH;NG M-3

SAMPLE LINE 3
SA;KET1;G5739-2;SITE,KGT;DATE,1981,JUL 29;TIME,1140 2040;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	40.100	;NAPHTALENE,PAH;NG M-3
7	1020	18.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.400	;BIPHENYL,PAH;NG M-3
10	1050	37.500	;ACENAPHTENE,PAH;NG M-3
11	1060	94.300	;FLUORENE,PAH;NG M-3
12	1070	7.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	484.600	;PHENANTHRENE,PAH;NG M-3
14	1090	29.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	23.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	198.500	;FLUORANTHENE,PAH;NG M-3
19	1140	95.400	;PYRENE,PAH;NG M-3
20	1150	8.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	8.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	11.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	26.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	23.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	10.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.800	;PERYLENE,PAH;NG M-3
29	1240	6.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	6.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.400	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.200	;CORONENE,PAH;NG M-3
34	2000	1159.897	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET1;G5743-2;SITE,KGT;DATE,1981,JUL 30 31;TIME,2020 0935;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEC C
5	1000	0.118	;FLUORIDE;MYG M-3

SAMPLE LINE 21
SA;KET1;G5892-2;SITE,KGT;DATE,1981,JUL 31;TIME,1010 2006;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEC C
5	1000	0.131	;FLUORIDE;MYG M-3
6	1010	19.700	;NAPHTALENE,PAH;NG M-3
7	1020	12.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	6.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.100	;BIPHENYL,PAH;NG M-3
10	1050	9.500	;ACENAPHTENE,PAH;NG M-3
11	1060	57.500	;FLUORENE,PAH;NG M-3
12	1070	39.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	403.700	;PHENANTHRENE,PAH;NG M-3
14	1090	25.450	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	37.300	;1-METHYL PHENANTURENE,PAH;NG M-3
18	1130	193.300	;FLUORANTHENE,PAH;NG M-3
19	1140	74.300	;PYRENE,PAH;NG M-3
20	1150	2.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	911.599	;TOTAL PAH;NG M-3

SAMPLE LINE 29
SA;KET1;G5796-2;SITE,KGT;DATE,1981,AUG 03 04;TIME,2149 1056;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEC C
5	1000	0.063	;FLUORIDE;MYG M-3
6	1010	26.400	;NAPHTALENE,PAH;NG M-3
7	1020	14.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	9.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.700	;BIPHENYL,PAH;NG M-3
10	1050	9.400	;ACENAPHTENE,PAH;NG M-3
11	1060	41.700	;FLUORENE,PAH;NG M-3
12	1070	14.950	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	150.300	;PHENANTHRENE,PAH;NG M-3
14	1090	9.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	63.900	;FLUORANTHENE,PAH;NG M-3
19	1140	28.300	;PYRENE,PAH;NG M-3
20	1150	0.550	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.550	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	387.949	;TOTAL PAH;NG M-3

SAMPLE LINE 37
SA;KET1;G5802-2;SITE,KGT;DATE,1981,AUG 04 ;TIME,1105 2013;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	17.200	TEMPERATURE;DEG C
4	130	0.300	DELTA T; DEC C
5	1000	0.112	;FLUORIDE;MYG M-3
6	1010	29.000	;NAPHTALENE,PAH;NG M-3
7	1020	17.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.800	;BIPHENYL,PAH;NG M-3
10	1050	11.300	;ACENAPHTENE,PAH;NG M-3
11	1060	64.400	;FLUORENE,PAH;NG M-3
12	1070	29.050	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	335.500	;PHENANTHRENE,PAH;NG M-3
14	1090	20.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	20.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	175.300	;FLUORANTHENE,PAH;NG M-3
19	1140	72.000	;PYRENE,PAH;NG M-3
20	1150	5.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	811.149	;TOTAL PAH;NG M-3

SAMPLE LINE 59
SA;KET KGT;C3606-2;SITE,KGT;DATE,1981,AUG 11 12;TIME,2210 0845;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	13.900	TEMPERATURE;DEG C
4	130	0.400	DELTA T;DEG C
5	1000	0.058	;FLUORIDE;MYG M-3
6	1010	28.900	;NAPHTALENE,PAH;NG M-3
7	1020	19.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.809	;BIPHENYL,PAH;NG M-3
10	1050	17.000	;ACENAPHTENE,PAH;NG M-3
11	1060	39.000	;FLUORENE,PAH;NG M-3
12	1070	9.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	92.300	;PHENANTHRENE,PAH;NG M-3
14	1090	5.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	41.000	;FLUORANTHENE,PAH;NG M-3
19	1140	18.400	;PYRENE,PAH;NG M-3
20	1150	2.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	306.899	;TOTAL PAH;NG M-3

SAMPLE LINE 59
SA;KET1;G5914-2;SITE,KGT;DATE,1981,AUG 12;TIME,0055 2015;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.500	DELTA T; DEG C
5	1000	0.240	;FLUORIDE;MYG M-3
6	1010	33.600	;NAPHTALENE,PAH;NG M-3
7	1020	17.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	9.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.600	;BIPHENYL,PAH;NG M-3
10	1050	13.300	;ACENAPHTENE,PAH;NG M-3
11	1060	62.000	;FLUORENE,PAH;NG M-3
12	1070	25.850	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	250.500	;PHENANTHRENE,PAH;NG M-3
14	1090	17.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	17.650	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	169.200	;FLUORANTHENE,PAH;NG M-3
19	1140	62.700	;PYRENE,PAH;NG M-3
20	1150	5.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.000	;CORONENE,PAH;NG M-3
34	2000	718.749	;TOTAL PAH;NG M-3

SAMPLE LINE 69
SA;KET1;G6019-2;SITE,KGT;DATE,1981,AUG 19,20;TIME,2225 1147;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	10.600	TEMPERATURE;DEG C
4	130	0.700	DELTA T; DEG C
5	1000	0.108	;FLUORIDE;MYG M-3
6	1010	40.600	;NAPHTALENE,PAH;NG M-3
7	1020	20.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	11.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.800	;BIPHENYL,PAH;NG M-3
10	1050	15.500	;ACENAPHTENE,PAH;NG M-3
11	1060	55.200	;FLUORENE,PAH;NG M-3
12	1070	16.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	144.800	;PHENANTHRENE,PAH;NG M-3
14	1090	10.890	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	12.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	90.500	;FLUORANTHENE,PAH;NG M-3
19	1140	42.000	;PYRENE,PAH;NG M-3
20	1150	3.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.599	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.600	;CORONENE,PAH;NG M-3
34	2000	504.349	;TOTAL PAH;NG M-3

SAMPLE LINE 79
SA;KET1;G1925-2;SITE,KGT;DATE,1981,AUG 20;TIME,1153 2033;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	1.600	DELTA T; DEG C
5	1000	0.422	;FLUORIDE;MYG M-3
6	1010	44.800	;NAPHTALENE,PAH;NG M-3
7	1020	29.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	15.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.200	;BIPHENYL,PAH;NG M-3
10	1050	23.600	;ACENAPHTENE,PAH;NG M-3
11	1060	67.700	;FLUORENE,PAH;NG M-3
12	1070	25.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	239.100	;PHENANTHRENE,PAH;NG M-3
14	1090	17.030	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	12.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	136.800	;FLUORANTHENE,PAH;NG M-3
19	1140	147.600	;PYRENE,PAH;NG M-3
20	1150	13.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	10.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	33.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	62.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	15.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	5.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.200	;CORONENE,PAH;NG M-3
34	2000	936.349	;TOTAL PAH;NG M-3

SAMPLE LINE 85
SA;KET1;C6028-2;SITE,KGT;DATE,1981,AUG 27 28;TIME,2005 1125;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	34.000	WIND DIRECTION
2	110	8.300	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T; DEG C
5	1000	0.021	;FLUORIDE;MYG M-3
6	1010	12.500	;NAPHTALENE,PAH;NG M-3
7	1020	8.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.100	;BIPHENYL,PAH;NG M-3
10	1050	2.300	;ACENAPHTENE,PAH;NG M-3
11	1060	9.800	;FLUORENE,PAH;NG M-3
12	1070	3.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	29.900	;PHENANTHRENE,PAH;NG M-3
14	1090	2.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.400	;FLUORANTHENE,PAH;NG M-3
19	1140	11.400	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.600	;CORONENE,PAH;NG M-3
34	2000	126.700	;TOTAL PAH;NG M-3

SAMPLE LINE 99
SA;KET1;C6335-2;SITE,KGT;DATE,1981,AUG 28;TIME,1130 2115;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	3.000	WIND DIRECTION
2	110	6.800	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T; DEG C
5	1000	0.119	;FLUORIDE;MYG M-3
6	1010	65.800	;NAPHTALENE,PAH;NG M-3
7	1020	39.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	21.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.800	;BIPHENYL,PAH;NG M-3
10	1050	6.400	;ACENAPHTENE,PAH;NG M-3
11	1060	26.700	;FLUORENE,PAH;NG M-3
12	1070	6.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	59.100	;PHENANTHRENE,PAH;NG M-3
14	1090	6.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	46.600	;FLUORANTHENE,PAH;NG M-3
19	1140	22.400	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	316.549	;TOTAL PAH;NG M-3

SAMPLE LINE 107
SA;KET1;C6139-2;SITE,KGT;DATE,1981,OKT 01 02;TIME,1405 1405;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.900	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	12.700	TEMPERATURE;DEG C
4	130	0.400	DELTA T; DEG C
5	1000	0.383	;FLUORIDE;MYG M-3
6	1010	25.200	;NAPHTALENE,PAH;NG M-3
7	1020	17.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	11.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.700	;BIPHENYL,PAH;NG M-3
10	1050	24.400	;ACENAPHTENE,PAH;NG M-3
11	1060	100.400	;FLUORENE,PAH;NG M-3
12	1070	34.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	279.400	;PHENANTHRENE,PAH;NG M-3
14	1090	26.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	31.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	139.300	;FLUORANTHENE,PAH;NG M-3
19	1140	89.600	;PYRENE,PAH;NG M-3
20	1150	22.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	15.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	35.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	51.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	56.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	24.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	14.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.300	;PERYLENE,PAH;NG M-3
29	1240	13.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	18.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	2.800	;ANTHANTHRENE,PAH;NG M-3
33	1280	9.000	;CORONENE,PAH;NG M-3
34	2000	1037.199	;TOTAL PAH;NG M-3

SAMPLE LINE 117
SA;KET1;C6244-2;SITE,KGT;DATE,1981,OKT 05 06;TIME,1404 1420;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	9.500	TEMPERATURE;DEG C
4	130	0.200	DELTA T; DEG C
5	1000	0.049	;FLUORIDE;MYG M-3
6	1010	41.700	;NAPHTALENE,PAH;NG M-3
7	1020	25.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	14.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.400	;BIPHENYL,PAH;NG M-3
10	1050	7.600	;ACENAPHTENE,PAH;NG M-3
11	1060	49.300	;FLUORENE,PAH;NG M-3
12	1070	10.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	79.200	;PHENANTHRENE,PAH;NG M-3
14	1090	10.350	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.090	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	13.550	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	32.900	;FLUORANTHENE,PAH;NG M-3
19	1140	26.900	;PYRENE,PAH;NG M-3
20	1150	4.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	2.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.400	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.900	;CORONENE,PAH;NG M-3
34	2000	353.749	;TOTAL PAH;NG M-3

SAMPLE LINE 127
SA;KET1;C6449-2;SITE,KGT;DATE,1981,OKT 13 14;TIME,1030 1105;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	6.500	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.111	;FLUORIDE;MYG M-3
6	1010	30.200	;NAPHTALENE,PAH;NG M-3
7	1020	39.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	23.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.300	;BIPHENYL,PAH;NG M-3
10	1050	10.700	;ACENAPHTENE,PAH;NG M-3
11	1060	37.200	;FLUORENE,PAH;NG M-3
12	1070	17.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	92.100	;PHENANTHRENE,PAH;NG M-3
14	1090	13.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	23.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	36.500	;FLUORANTHENE,PAH;NG M-3
19	1140	31.600	;PYRENE,PAH;NG M-3
20	1150	8.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	9.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	15.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	6.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.200	;PERYLENE,PAH;NG M-3
29	1240	6.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	9.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	1.600	;ANTHANTHRENE,PAH;NG M-3
33	1280	12.000	;CORONENE,PAH;NG M-3
34	2000	496.799	;TOTAL PAH;NG M-3

SAMPLE LINE 135
SA;KET1;C6454-2;SITE,KGT;DATE,1981,OKT 21 22;TIME,1033 1020;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	5.000	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.016	;FLUORIDE;MYG M-3
6	1010	105.000	;NAPHTALENE,PAH;NG M-3
7	1020	68.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	38.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	15.100	;BIPHENYL,PAH;NG M-3
10	1050	6.300	;ACENAPHTENE,PAH;NG M-3
11	1060	40.900	;FLUORENE,PAH;NG M-3
12	1070	3.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	50.900	;PHENANTHRENE,PAH;NG M-3
14	1090	8.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	24.800	;FLUORANTHENE,PAH;NG M-3
19	1140	22.100	;PYRENE,PAH;NG M-3
20	1150	4.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	5.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.400	;ANTHANTHRENE,PAH;NG M-3
33	1280	6.300	;CORONENE,PAH;NG M-3
34	2000	436.299	;TOTAL PAH;NG M-3

SAMPLE LINE 141
SA;KET1;C6458-2;SITE,KGT;DATE,1981,OKT 29 30;TIME,1207 1120;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	5.000	WIND DIRECTION
2	110	4.300	WIND SPEED;MS-1
3	120	5.300	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.016	;FLUORIDE;MYG M-3
6	1010	83.100	;NAPHTALENE,PAH;NG M-3
7	1020	43.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	24.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.600	;BIPHENYL,PAH;NG M-3
10	1050	4.700	;ACENAPHTENE,PAH;NG M-3
11	1060	32.700	;FLUORENE,PAH;NG M-3
12	1070	7.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	55.300	;PHENANTHRENE,PAH;NG M-3
14	1090	6.750	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.000	;FLUORANTHENE,PAH;NG M-3
19	1140	17.200	;PYRENE,PAH;NG M-3
20	1150	2.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.550	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.300	;CORONENE,PAH;NG M-3
34	2000	333.299	;TOTAL PAH;NG M-3

D: RESULTS FROM SIDSJÖN

SAMPLE LINE 7
SA;KET1;C65-2;SITE,SID;DATE,1980,JULY 08 09;TIME,0930 0945;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	17.500	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	0.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	4.900	;FLUORENE,PAH;NG M-3
12	1070	4.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	57.200	;PHENANTHRENE,PAH;NG M-3
14	1090	4.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	35.800	;FLUORANTHENE,PAH;NG M-3
19	1140	19.600	;PYRENE,PAH;NG M-3
20	1150	2.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	150.600	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET1;C67-2;SITE,SID;DATE,1980,14 15 JULY;TIME,0930 0935;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	16.300	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	0.120	;FLUORIDE;MYG M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.900	;BIPHENYL,PAH;NG M-3
10	1050	15.200	;ACENAPHTENE,PAH;NG M-3
11	1060	14.700	;FLUORENE,PAH;NG M-3
12	1070	6.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	66.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	29.000	;FLUORANTHENE,PAH;NG M-3
19	1140	15.600	;PYRENE,PAH;NG M-3
20	1150	1.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	12.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	2.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	196.400	;TOTAL PAH;NG M-3

SAMPLE LINE 13
SA;KET1;C68-2;SITE,SID;DATE,1980,JULY 21 22;TIME,1930 0805;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.300	WIND SPEED;MS-1
3	120	13.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.170	;FLUORIDE;MYG M-3
6	1010	2.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.200	;BIPHENYL,PAH;NG M-3
10	1050	14.100	;ACENAPHTENE,PAH;NG M-3
11	1060	22.400	;FLUORENE,PAH;NG M-3
12	1070	12.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	172.800	;PHENANTHRENE,PAH;NG M-3
14	1090	6.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	3.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	58.100	;FLUORANTHENE,PAH;NG M-3
19	1140	36.400	;PYRENE,PAH;NG M-3
20	1150	7.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	20.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	36.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	14.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	9.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	7.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	5.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	8.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	453.200	;TOTAL PAH;NG M-3

SAMPLE LINE 19
SA;KET1;C71-2;SITE,SID;DATE,1980,JULY 22;TIME,0840 2007;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.400	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.050	;FLUORIDE;MYG M-3
6	1010	3.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.100	;BIPHENYL,PAH;NG M-3
10	1050	4.200	;ACENAPHTENE,PAH;NG M-3
11	1060	16.500	;FLUORENE,PAH;NG M-3
12	1070	8.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	71.200	;PHENANTHRENE,PAH;NG M-3
14	1090	2.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.100	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	29.400	;FLUORANTHENE,PAH;NG M-3
19	1140	12.600	;PYRENE,PAH;NG M-3
20	1150	5.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	160.100	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;C379-2;SITE,SID;DATE,1980,AUG 06 07;TIME,2040 0925;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	16.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.040	;FLUORIDE;MYG M-3
6	1010	1.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	3.300	;ACENAPHTENE,PAH;NG M-3
11	1060	8.400	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	30.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.300	;FLUORANTHENE,PAH;NG M-3
19	1140	3.600	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	56.700	;TOTAL PAH;NG M-3

SAMPLE LINE 39
SA;KET1;C382-2;SITE,SID;DATE,1980,AUG 07;TIME,0934 2049;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	7.800	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	5.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.900	;BIPHENYL,PAH;NG M-3
10	1050	5.100	;ACENAPHTENE,PAH;NG M-3
11	1060	9.100	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	25.010	;PHENANTHRENE,PAH;NG M-3
14	1090	0.020	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRAGENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.200	;FLUORANTHENE,PAH;NG M-3
19	1140	3.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	56.330	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KET1;C684-2;SITE,SID;DATE,1980,AUG 14 15;TIME,2306 1044;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	10.000	WIND DIRECTION
2	110	1.800	WIND SPEED;MS-1
3	120	14.800	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.300	;FLUORIDE;MYG M-3
6	1010	2.400	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.700	;BIPHENYL,PAH;NG M-3
10	1050	54.300	;ACENAPHTENE,PAH;NG M-3
11	1060	47.800	;FLUORENE,PAH;NG M-3
12	1070	24.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	213.700	;PHENANTHRENE,PAH;NG M-3
14	1090	13.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	5.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	104.600	;FLUORANTHENE,PAH;NG M-3
19	1140	66.200	;PYRENE,PAH;NG M-3
20	1150	15.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	10.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	16.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	43.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	9.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	22.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	10.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	11.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	4.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	13.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.600	;CORONENE,PAH;NG M-3
34	2000	695.099	;TOTAL PAH;NG M-3

SAMPLE LINE 51
SA;KET1;C787-2;SITE,SID;DATE,1980,AUG 16;TIME,1056 2125;SAMPLE TYPE,DAY, PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	13.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.150	;FLUORIDE;MYG M-3
6	1010	1.800	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.890	;BIPHENYL,PAH;NG M-3
10	1050	5.400	;ACENAPHTENE,PAH;NG M-3
11	1060	11.900	;FLUORENE,PAH;NG M-3
12	1070	5.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	54.100	;PHENANTHRENE,PAH;NG M-3
14	1090	2.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	2.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.500	;FLUORANTHENE,PAH;NG M-3
19	1140	13.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	8.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	135.300	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;C888-2;SITE,SID;DATE,1980,AUG 18 19;TIME,2146 1009;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	11.000	TEMPERATURE;DEG C
4	130	1.100	DELTA T;DEG C
5	1000	0.060	;FLUORIDE;MYG M-3
6	1010	1.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.600	;BIPHENYL,PAH;NG M-3
10	1050	9.800	;ACENAPHTENE,PAH;NG M-3
11	1060	10.000	;FLUORENE,PAH;NG M-3
12	1070	3.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	33.200	;PHENANTHRENE,PAH;NG M-3
14	1090	1.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.400	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.200	;FLUORANTHENE,PAH;NG M-3
19	1140	6.900	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	87.200	;TOTAL PAH;NG M-3

SAMPLE LINE 61
SA;KET1;C1092-2;SITE,SID;DATE,1980,AUG 19;TIME,1017 2006;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	5.300	WIND SPEED;MS-1
3	120	18.800	TEMPERATURE;DEG C
4	130	-0.900	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	1.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	3.400	;ACENAPHTENE,PAH;NG M-3
11	1060	6.500	;FLUORENE,PAH;NG M-3
12	1070	1.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	26.100	;PHENANTHRENE,PAH;NG M-3
14	1090	1.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.200	;FLUORANTHENE,PAH;NG M-3
19	1140	4.600	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	58.000	;TOTAL PAH;NG M-3

SAMPLE LINE 65
SA;KET1;C995-2;SITE,SID;DATE,1980,AUG 26 27;TIME,2020 1007;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	9.100	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	10.900	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.100	;BIPHENYL,PAH;NG M-3
10	1050	5.200	;ACENAPHTENE,PAH;NG M-3
11	1060	5.700	;FLUORENE,PAH;NG M-3
12	1070	2.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	21.000	;PHENANTHRENE,PAH;NG M-3
14	1090	1.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.500	;FLUORANTHENE,PAH;NG M-3
19	1140	4.400	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	62.700	;TOTAL PAH;NG M-3

SAMPLE LINE 75
SA;KET1;C1201-2;SITE,SID;DATE,1980,AUG 27;TIME,1017 2128;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.100	WIND SPEED;MS-1
3	120	13.300	TEMPERATURE;DEG C
4	130	-1.100	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	1.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	12.100	;FLUORENE,PAH;NG M-3
12	1070	7.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	66.000	;PHENANTHRENE,PAH;NG M-3
14	1090	5.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	6.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	32.400	;FLUORANTHENE,PAH;NG M-3
19	1140	21.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	166.800	;TOTAL PAH;NG M-3

SAMPLE LINE 79
SA;KET1;G1913-2;SITE,SID;DATE,1980,NOV 18 19;TIME,2035 0912;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	33.000	WIND DIRECTION
2	110	6.400	WIND SPEED;MS-1
3	120	-2.000	TEMPERATURE;DEG C
4	130	-0.800	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	21.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.800	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	2.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	4.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.100	;FLUORANTHENE,PAH;NG M-3
19	1140	0.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	32.500	;TOTAL PAH;NG M-3

SAMPLE LINE 89
SA;KET1;G1816-2;SITE,SID;DATE,1980,NOV 19;TIME,0920 2053;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.000	WIND SPEED;MS-1
3	120	-2.800	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	57.700	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.500	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	5.700	;FLUORENE,PAH;NG M-3
12	1070	5.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	15.200	;PHENANTHRENE,PAH;NG M-3
14	1090	2.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	51.100	;FLUORANTHENE,PAH;NG M-3
19	1140	13.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	156.200	;TOTAL PAH;NG M-3

SAMPLE LINE 97
SA;KET1;G1121-2;SITE,SID;DATE,1980,NOV 26 27;TIME,1955 0745;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	6.200	WIND SPEED;MS-1
3	120	-12.400	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	162.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.400	;BIPHENYL,PAH;NG M-3
10	1050	5.600	;ACENAPHTENE,PAH;NG M-3
11	1060	6.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	9.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.900	;FLUORANTHENE,PAH;NG M-3
19	1140	7.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.500	;CORONENE,PAH;NG M-3
34	2000	212.000	;TOTAL PAH;NG M-3

SAMPLE LINE 103
SA;KET1;G1425-2;SITE,SID;DATE,1980,NOV 27;TIME,1020 1907;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-12.100	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	282.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.000	;BIPHENYL,PAH;NG M-3
10	1050	7.000	;ACENAPHTENE,PAH;NG M-3
11	1060	10.300	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.400	;FLUORANTHENE,PAH;NG M-3
19	1140	6.100	;PYRENE,PAH;NG M-3
20	1150	0.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.900	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.200	;CORONENE,PAH;NG M-3
34	2000	356.799	;TOTAL PAH;NG M-3

SAMPLE LINE 18
SA;KET SID;C2328-2;SITE,SID;DATE,1980,DES 04 05;TIME,2051 0540;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	MAIN WIND DIRECTION
2	110	5.000	WIND SPEED;MS-1
3	120	-8.700	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	30.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.600	;BIPHENYL,PAH;NG M-3
10	1050	0.150	;ACENAPHTENE,PAH;NG M-3
11	1060	0.500	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1.600	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	0.400	;FLUORANTHENE,PAH;NG M-3
19	1140	0.400	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	33.650	;TOTAL PAH;NG M-3

SAMPLE LINE 123
SA;KET1;C2433-2;SITE,SID;DATE,1980,DES 05;TIME,0814 1719;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	5.800	WIND SPEED;MS-1
3	120	-9.700	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	50.200	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.100	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	3.200	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	5.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.900	;FLUORANTHENE,PAH;NG M-3
19	1140	4.700	;PYRENE,PAH;NG M-3
20	1150	3.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	43.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	36.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	23.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	6.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	7.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	298.300	;TOTAL PAH;NG M-3

SAMPLE LINE 133
SA;KET1;C2030-2;SITE,SID;DATE,1980,DES 08 09;TIME,2140 0540;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.800	WIND SPEED;MS-1
3	120	-0.100	TEMPERATURE;DEG C
4	130	0.500	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	49.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.900	;BIPHENYL,PAH;NG M-3
10	1050	1.200	;ACENAPHTENE,PAH;NG M-3
11	1060	1.500	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	8.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	1.200	;FLUORANTHENE,PAH;NG M-3
19	1140	0.900	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	63.400	;TOTAL PAH;NG M-3

SAMPLE LINE 135
SA;KET1;C1739-2;SITE,SID;DATE,1980,DES 09;TIME,0718 1944;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.500	WIND SPEED;MS-1
3	120	-0.700	TEMPERATURE;DEG C
4	130	-0.100	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	42.800	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	23.700	;BIPHENYL,PAH;NG M-3
10	1050	72.000	;ACENAPHTENE,PAH;NG M-3
11	1060	35.800	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	66.200	;PHENANTHRENE,PAH;NG M-3
14	1090	5.900	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	20.100	;FLUORANTHENE,PAH;NG M-3
19	1140	16.700	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	8.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.500	;PERYLENE,PAH;NG M-3
29	1240	1.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.800	;CORONENE,PAH;NG M-3
34	2000	319.700	;TOTAL PAH;NG M-3

SAMPLE LINE 149
SA;KET1;G2747-2;SITE,SID;DATE,1980,DES 18 19;TIME,2105 0520;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	18.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYC M-3
6	1010	82.400	;NAPHTALENE,PAH;NG M-3
7	1020	44.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	29.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.000	;BIPHENYL,PAH;NG M-3
10	1050	13.100	;ACENAPHTENE,PAH;NG M-3
11	1060	9.200	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	16.000	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.500	;FLUORANTHENE,PAH;NG M-3
19	1140	3.100	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	211.900	;TOTAL PAH;NG M-3

SAMPLE LINE 151
SA;KET1;G2948-2;SITE,SID;DATE,1980,DES 19;TIME,0717 1907;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.300	WIND SPEED;MS-1
3	120	2.400	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	92.500	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	37.200	;BIPHENYL,PAH;NG M-3
10	1050	20.300	;ACENAPHTENE,PAH;NG M-3
11	1060	39.300	;FLUORENE,PAH;NG M-3
12	1070	6.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	49.700	;PHENANTHRENE,PAH;NG M-3
14	1090	2.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	14.100	;FLUORANTHENE,PAH;NG M-3
19	1140	14.000	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	2.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	286.499	;TOTAL PAH;NG M-3

SAMPLE LINE 7
SA;KET1;G3353-2;SITE,SID;DATE,1981,JAN 12 13;TIME,2110 0453;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	-3.600	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	29.100	;NAPHTALENE,PAH;NG M-3
7	1020	9.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	0.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	0.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	0.000	;FLUORANTHENE,PAH;NG M-3
19	1140	0.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	45.700	;TOTAL PAH;NG M-3

SAMPLE LINE 17
SA;KET1;G2960-2;SITE,SID;DATE,1981,JAN 13;TIME,0648 1852;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	5.200	WIND SPEED;MS-1
3	120	-5.500	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	129.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.200	;BIPHENYL,PAH;NG M-3
10	1050	7.200	;ACENAPHTENE,PAH;NG M-3
11	1060	7.900	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.700	;FLUORANTHENE,PAH;NG M-3
19	1140	6.000	;PYRENE,PAH;NG M-3
20	1150	0.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.100	;CORONENE,PAH;NG M-3
34	2000	187.300	;TOTAL PAH;NG M-3

SAMPLE LINE 25
SA;KET1;C2164-2;SITE,SID;DATE,1981,JAN 20 21;TIME,2045 0445;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	-9.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	255.000	;NAPHTALENE,PAH;NG M-3
7	1020	107.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	60.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.000	;BIPHENYL,PAH;NG M-3
10	1050	3.400	;ACENAPHTENE,PAH;NG M-3
11	1060	14.200	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	19.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.200	;FLUORANTHENE,PAH;NG M-3
19	1140	5.200	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	5.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	407.800	;TOTAL PAH;NG M-3

SAMPLE LINE 29
SA;KET1;C2666-2;SITE,SID;DATE,1981,JAN 21;TIME,0650 1750;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.600	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	-9.000	TEMPERATURE;DEG C
4	130	1.200	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	322.000	;NAPHTALENE,PAH;NG M-3
7	1020	153.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	88.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	22.000	;BIPHENYL,PAH;NG M-3
10	1050	10.830	;ACENAPHTENE,PAH;NG M-3
11	1060	18.300	;FLUORENE,PAH;NG M-3
12	1070	3.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	25.400	;PHENANTHRENE,PAH;NG M-3
14	1090	1.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.500	;FLUORANTHENE,PAH;NG M-3
19	1140	12.100	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	4.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.700	;CORONENE,PAH;NG M-3
34	2000	698.999	;TOTAL PAH;NG M-3

SAMPLE LINE 109
SA;KET1;C2669-2;SITE,SID;DATE,1981,JAN 28 29;TIME,1034 0908;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	3.900	TEMPERATURE;DEG C
4	130	0.900	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	6.000	;NAPHTALENE,PAH;NG M-3
7	1020	10.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.200	;BIPHENYL,PAH;NG M-3
10	1050	5.600	;ACENAPHTENE,PAH;NG M-3
11	1060	5.900	;FLUORENE,PAH;NG M-3
12	1070	1.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	16.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.100	;FLUORANTHENE,PAH;NG M-3
19	1140	3.800	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	67.500	;TOTAL PAH;NG M-3

SAMPLE LINE 113
SA;KET1;C3076-2;SITE,SID;DATE,1981,FEB 05 06;TIME,1058 0958;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-5.400	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	123.000	;NAPHTALENE,PAH;NG M-3
7	1020	112.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	60.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	13.900	;BIPHENYL,PAH;NG M-3
10	1050	16.900	;ACENAPHTENE,PAH;NG M-3
11	1060	13.900	;FLUORENE,PAH;NG M-3
12	1070	1.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.800	;PHENANTHRENE,PAH;NG M-3
14	1090	1.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.200	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.700	;FLUORANTHENE,PAH;NG M-3
19	1140	6.900	;PYRENE,PAH;NG M-3
20	1150	0.650	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.450	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.700	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	0.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	398.399	;TOTAL PAH;NG M-3

SAMPLE LINE 55
SA;KET1;C3904-2;SITE,SID;DATE,1981,FEB 09 10;TIME,1135 1113;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	5.500	WIND SPEED;MS-1
3	120	-2.100	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	86.200	;NAPHTALENE,PAH;NG M-3
7	1020	57.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	29.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.000	;BIPHENYL,PAH;NG M-3
10	1050	1.800	;ACENAPHTENE,PAH;NG M-3
11	1060	4.100	;FLUORENE,PAH;NG M-3
12	1070	0.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	9.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.700	;FLUORANTHENE,PAH;NG M-3
19	1140	2.200	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.200	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	202.950	;TOTAL PAH;NG M-3

SAMPLE LINE 59
SA;KET1;C3106-2;SITE,SID;DATE,1981,FEB 17 18;TIME,1348 1245;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	-4.300	TEMPERATURE;DEG C
4	130	1.300	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	99.000	;NAPHTALENE,PAH;NG M-3
7	1020	116.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	62.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.600	;BIPHENYL,PAH;NG M-3
10	1050	4.000	;ACENAPHTENE,PAH;NG M-3
11	1060	10.500	;FLUORENE,PAH;NG M-3
12	1070	2.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	16.600	;PHENANTHRENE,PAH;NG M-3
14	1090	1.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.900	;FLUORANTHENE,PAH;NG M-3
19	1140	4.100	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.500	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	340.499	;TOTAL PAH;NG M-3

SAMPLE LINE 63
SA;KET1;C2589-2;SITE,SID;DATE,1981,FEB 23 26;TIME,0940 1020;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	1.900	WIND SPEED;MS-1
3	120	-3.100	TEMPERATURE;DEG C
4	130	-0.500	DELTA T;DEG C
5	1000	0.170	;FLUORIDE;MYG M-3
6	1010	69.500	;NAPHTALENE,PAH;NG M-3
7	1020	84.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	47.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	20.000	;BIPHENYL,PAH;NG M-3
10	1050	98.500	;ACENAPHTENE,PAH;NG M-3
11	1060	39.500	;FLUORENE,PAH;NG M-3
12	1070	20.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	112.300	;PHENANTHRENE,PAH;NG M-3
14	1090	5.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	1.700	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.700	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	77.900	;FLUORANTHENE,PAH;NG M-3
19	1140	51.700	;PYRENE,PAH;NG M-3
20	1150	6.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	12.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	31.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	17.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	1.500	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	12.100	;BENZO E, PYRENE BEP,PAH;NG M-3
27	1220	6.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	4.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.300	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	739.998	;TOTAL PAH;NG M-3

SAMPLE LINE 79
SA;KET1;C3696-2;SITE,SID;DATE,1981,MAR 03 06;TIME,1213 1207;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.600	WIND SPEED;MS-1
3	120	-13.700	TEMPERATURE;DEG C
4	130	0.800	DELTA T;DEG C
5	1000	0.070	;FLUORIDE;MYG M-3
6	1010	164.000	;NAPHTALENE,PAH;NG M-3
7	1020	119.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	66.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.800	;BIPHENYL,PAH;NG M-3
10	1050	31.000	;ACENAPHTENE,PAH;NG M-3
11	1060	17.900	;FLUORENE,PAH;NG M-3
12	1070	6.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	48.800	;PHENANTHRENE,PAH;NG M-3
14	1090	3.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.900	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.800	;1-METHYL PHENANTRENE,PAH;NG M-3
18	1130	29.700	;FLUORANTHENE,PAH;NG M-3
19	1140	20.100	;PYRENE,PAH;NG M-3
20	1150	1.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.900	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	551.899	;TOTAL PAH;NG M-3

SAMPLE LINE 81
SA;KET1;G3797-2;SITE,SID;DATE,1981,MAR 09 10;TIME,1241 1301;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	8.100	WIND SPEED;MS-1
3	120	-2.200	TEMPERATURE;DEG C
4	130	-0.700	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	11.000	;NAPHTALENE,PAH;NG M-3
7	1020	11.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.400	;BIPHENYL,PAH;NG M-3
10	1050	2.600	;ACENAPHTENE,PAH;NG M-3
11	1060	4.300	;FLUORENE,PAH;NG M-3
12	1070	1.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	11.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.100	;FLUORANTHENE,PAH;NG M-3
19	1140	2.600	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	61.600	;TOTAL PAH;NG M-3

SAMPLE LINE 121
SA;KET1;G3504-2;SITE,SID;DATE,1981,MAR 17 18;TIME,1050 1400;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	0.100	TEMPERATURE;DEG C
4	130	0.600	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	0.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.090	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	0.000	;ACENAPHTENE,PAH;NG M-3
11	1060	0.000	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	0.700	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	1.300	;FLUORANTHENE,PAH;NG M-3
19	1140	1.200	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	7.300	;TOTAL PAH;NG M-3

SAMPLE LINE 99
SA;KET1;G3408-2;SITE,SID;DATE,1981,MAR 25 26;TIME,1045 1049;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	0.800	TEMPERATURE;DEG C
4	130	0.700	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	26.800	;NAPHTALENE,PAH;NG M-3
7	1020	49.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	24.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.500	;BIPHENYL,PAH;NG M-3
10	1050	4.500	;ACENAPHTENE,PAH;NG M-3
11	1060	7.900	;FLUORENE,PAH;NG M-3
12	1070	1.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	14.700	;PHENANTHRENE,PAH;NG M-3
14	1090	0.400	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.300	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.600	;FLUORANTHENE,PAH;NG M-3
19	1140	3.600	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.200	;CORONENE,PAH;NG M-3
34	2000	148.900	;TOTAL PAH;NG M-3

SAMPLE LINE 107
SA;KET1;G3212-2;SITE,SID;DATE,1981,APR 02 03;TIME,1106 0830;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	7.700	TEMPERATURE;DEG C
4	130	0.100	DELTA T;DEG C
5	1000	0.010	;FLUORIDE;MYG M-3
6	1010	21.900	;NAPHTALENE,PAH;NG M-3
7	1020	15.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.200	;BIPHENYL,PAH;NG M-3
10	1050	8.900	;ACENAPHTENE,PAH;NG M-3
11	1060	7.200	;FLUORENE,PAH;NG M-3
12	1070	0.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	17.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.500	;FLUORANTHENE,PAH;NG M-3
19	1140	2.400	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	94.150	;TOTAL PAH;NG M-3

SAMPLE LINE 129
SA;KET1;C3816-2;SITE,SID;DATE,1981,APR 06 07;TIME,1228 1235;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	6.500	WIND SPEED;MS-1
3	120	7.200	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	4.000	;NAPHTALENE,PAH;NG M-3
7	1020	2.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.030	;BIPHENYL,PAH;NG M-3
10	1050	1.000	;ACENAPHTENE,PAH;NG M-3
11	1060	3.100	;FLUORENE,PAH;NG M-3
12	1070	0.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	7.950	;PHENANTHRENE,PAH;NG M-3
14	1090	1.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.030	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	3.000	;FLUORANTHENE,PAH;NG M-3
19	1140	1.300	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	27.650	;TOTAL PAH;NG M-3

SAMPLE LINE 133
SA;KET1;C3419-2;SITE,SID;DATE,1981,APR 14 15;TIME,1100 1321;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	9.600	WIND SPEED;MS-1
3	120	7.300	TEMPERATURE;DEG C
4	130	-1.200	DELTA T;DEG C
5	1000	0.020	;FLUORIDE;MYG M-3
6	1010	7.300	;NAPHTALENE,PAH;NG M-3
7	1020	10.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.600	;BIPHENYL,PAH;NG M-3
10	1050	3.300	;ACENAPHTENE,PAH;NG M-3
11	1060	3.400	;FLUORENE,PAH;NG M-3
12	1070	0.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	9.100	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	2.300	;FLUORANTHENE,PAH;NG M-3
19	1140	1.400	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	44.900	;TOTAL PAH;NG M-3

SAMPLE LINE 145
SA;KET1;C4324-2;SITE,SID;DATE,1981,APR 22 23;TIME,1247 1148;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	0.039	;FLUORIDE;MYG M-3
6	1010	8.200	;NAPHTALENE,PAH;NG M-3
7	1020	12.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	6.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.100	;BIPHENYL,PAH;NG M-3
10	1050	12.300	;ACENAPHTENE,PAH;NG M-3
11	1060	5.400	;FLUORENE,PAH;NG M-3
12	1070	1.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	14.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.100	;FLUORANTHENE,PAH;NG M-3
19	1140	7.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	88.800	;TOTAL PAH;NG M-3

SAMPLE LINE 153
SA;KET1;C4828-2;SITE,SID;DATE,1981,MAY 07 08;TIME,1432 1110;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	8.800	TEMPERATURE;DEG C
4	130	0.200	DELTA T;DEG C
5	1000	0.186	;FLUORIDE;MYG M-3
6	1010	7.100	;NAPHTALENE,PAH;NG M-3
7	1020	22.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	15.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.300	;BIPHENYL,PAH;NG M-3
10	1050	50.700	;ACENAPHTENE,PAH;NG M-3
11	1060	41.900	;FLUORENE,PAH;NG M-3
12	1070	10.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	109.900	;PHENANTHRENE,PAH;NG M-3
14	1090	6.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	50.000	;FLUORANTHENE,PAH;NG M-3
19	1140	30.100	;PYRENE,PAH;NG M-3
20	1150	2.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	19.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	22.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	4.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.150	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	432.749	;TOTAL PAH;NG M-3

SAMPLE LINE 163
SA;KET1;C4733-2;SITE,SID;DATE,1981,MAY 11 12;TIME,1448 1405;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	8.600	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.147	;FLUORIDE;MYG M-3
6	1010	12.700	;NAPHTALENE,PAH;NG M-3
7	1020	12.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.800	;BIPHENYL,PAH;NG M-3
10	1050	29.600	;ACENAPHTENE,PAH;NG M-3
11	1060	34.600	;FLUORENE,PAH;NG M-3
12	1070	13.150	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	110.100	;PHENANTHRENE,PAH;NG M-3
14	1090	5.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.050	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	61.900	;FLUORANTHENE,PAH;NG M-3
19	1140	35.700	;PYRENE,PAH;NG M-3
20	1150	5.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	21.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	11.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	9.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	3.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	395.999	;TOTAL PAH;NG M-3

SAMPLE LINE 9
SA;KET1;C4038-2;SITE,SID;DATE,1981,MAY 19 20;TIME,2205 0712;SAMPLE TYPE,
NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	7.800	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.164	;FLUORIDE;MYG M-3
6	1010	46.400	;NAPHTALENE,PAH;NG M-3
7	1020	59.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	32.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	14.500	;BIPHENYL,PAH;NG M-3
10	1050	57.000	;ACENAPHTENE,PAH;NG M-3
11	1060	48.900	;FLUORENE,PAH;NG M-3
12	1070	14.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	116.900	;PHENANTHRENE,PAH;NG M-3
14	1090	2.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.250	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	48.300	;FLUORANTHENE,PAH;NG M-3
19	1140	25.000	;PYRENE,PAH;NG M-3
20	1150	5.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	4.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	16.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	14.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	9.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.300	;PERYLENE,PAH;NG M-3
29	1240	5.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	4.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.900	;CORONENE,PAH;NG M-3
34	2000	542.749	;TOTAL PAH;NG M-3

SAMPLE LINE 17
SA;KET1;C4443-2;SITE,SID;DATE,1981,MAY 20;TIME,0721 2112;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	3.900	WIND SPEED;MS-1
3	120	14.700	TEMPERATURE;DEG C
4	130	-0.400	DELTA T;DEG C
5	1000	1.010	;FLUORIDE;MYG M-3
6	1010	36.200	;NAPHTALENE,PAH;NG M-3
7	1020	49.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	23.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.100	;BIPHENYL,PAH;NG M-3
10	1050	70.000	;ACENAPHTENE,PAH;NG M-3
11	1060	207.000	;FLUORENE,PAH;NG M-3
12	1070	78.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	694.100	;PHENANTHRENE,PAH;NG M-3
14	1090	28.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	18.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	341.300	;FLUORANTHENE,PAH;NG M-3
19	1140	182.500	;PYRENE,PAH;NG M-3
20	1150	24.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	17.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	21.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	114.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	103.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	34.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	12.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.500	;PERYLENE,PAH;NG M-3
29	1240	16.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	5.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	18.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	1.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.100	;CORONENE,PAH;NG M-3
34	2000	2112.095	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;C4147-2;SITE,SID;DATE,1981,JUN 03 04;TIME,2157 1051;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.900	WIND SPEED;MS-1
3	120	13.200	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	5.400	;NAPHTALENE,PAH;NG M-3
7	1020	9.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.900	;BIPHENYL,PAH;NG M-3
10	1050	51.600	;ACENAPHTENE,PAH;NG M-3
11	1060	83.900	;FLUORENE,PAH;NG M-3
12	1070	22.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	205.000	;PHENANTHRENE,PAH;NG M-3
14	1090	5.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	65.300	;FLUORANTHENE,PAH;NG M-3
19	1140	34.800	;PYRENE,PAH;NG M-3
20	1150	7.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	16.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	14.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	2.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.500	;CORONENE,PAH;NG M-3
34	2000	559.649	;TOTAL PAH;NG M-3

SAMPLE LINE 29
SA;KET1;C4650-2;SITE,SID;DATE,1981,JUN 04 ;TIME,1102 2130;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.700	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.169	;FLUORIDE;MYG M-3
6	1010	8.200	;NAPHTALENE,PAH;NG M-3
7	1020	14.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.200	;BIPHENYL,PAH;NG M-3
10	1050	30.800	;ACENAPHTENE,PAH;NG M-3
11	1060	40.800	;FLUORENE,PAH;NG M-3
12	1070	12.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	139.700	;PHENANTHRENE,PAH;NG M-3
14	1090	6.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	63.900	;FLUORANTHENE,PAH;NG M-3
19	1140	31.900	;PYRENE,PAH;NG M-3
20	1150	4.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	19.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	8.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	3.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.400	;CORONENE,PAH;NG M-3
34	2000	420.299	;TOTAL PAH;NG M-3

SAMPLE LINE 47
SA;KET SID;C4258-2;SITE,SID;DATE,1981,JUN 11 12;TIME,2140 1145;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	MAIN WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	8.800	;NAPHTALENE,PAH;NG M-3
7	1020	15.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.400	;BIPHENYL,PAH;NG M-3
10	1050	5.200	;ACENAPHTENE,PAH;NG M-3
11	1060	5.200	;FLUORENE,PAH;NG M-3
12	1070	1.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.300	;PHENANTHRENE,PAH;NG M-3
14	1090	1.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.050	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.100	;FLUORANTHENE,PAH;NG M-3
19	1140	3.400	;PYRENE,PAH;NG M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.100	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	0.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.700	;CORONENE,PAH;NG M-3
34	2000	82.800	;TOTAL PAH;NG M-3

SAMPLE LINE 21
SA;KET1;C4564-2;SITE,SID;DATE,1981,JUN 12;TIME,1152 2110;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	14.000	WIND DIRECTION
2	110	3.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	10.000	;NAPHTALENE,PAH;NG M-3
7	1020	14.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	8.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.800	;BIPHENYL,PAH;NG M-3
10	1050	3.500	;ACENAPHTENE,PAH;NG M-3
11	1060	6.400	;FLUORENE,PAH;NG M-3
12	1070	1.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	18.400	;PHENANTHRENE,PAH;NG M-3
14	1090	0.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.450	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.200	;FLUORANTHENE,PAH;NG M-3
19	1140	5.300	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.150	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.500	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	92.950	;TOTAL PAH;NG M-3

SAMPLE LINE 27
SA;KET1;C43002-2;SITE,SID;DATE,1981,JUN 15 16;TIME,2230 1040;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.243	;FLUORIDE;MYG M-3
6	1010	17.400	;NAPHTALENE,PAH;NG M-3
7	1020	26.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	14.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.200	;BIPHENYL,PAH;NG M-3
10	1050	34.700	;ACENAPHTENE,PAH;NG M-3
11	1060	28.600	;FLUORENE,PAH;NG M-3
12	1070	11.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	123.700	;PHENANTHRENE,PAH;NG M-3
14	1090	10.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	82.600	;FLUORANTHENE,PAH;NG M-3
19	1140	56.200	;PYRENE,PAH;NG M-3
20	1150	8.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	11.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	34.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	20.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	10.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	5.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.900	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	524.099	;TOTAL PAH;NG M-3

SAMPLE LINE 50
SA;KET SID;C49007-2;SITE,SID;DATE,1981,JUN 16;TIME,1040 2240;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	MAIN WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.561	;FLUORIDE;MYG M-3
6	1010	18.700	;NAPHTALENE,PAH;NG M-3
7	1020	28.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	15.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.200	;BIPHENYL,PAH;NG M-3
10	1050	65.100	;ACENAPHTENE,PAH;NG M-3
11	1060	74.200	;FLUORENE,PAH;NG M-3
12	1070	32.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	357.500	;PHENANTHRENE,PAH;NG M-3
14	1090	24.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	20.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	267.700	;FLUORANTHENE,PAH;NG M-3
19	1140	176.600	;PYRENE,PAH;NG M-3
20	1150	29.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	21.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	28.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	104.800	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	95.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	34.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	14.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	2.300	;PERYLENE,PAH;NG M-3
29	1240	15.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	6.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	16.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	4.800	;CORONENE,PAH;NG M-3
34	2000	1459.798	;TOTAL PAH;NG M-3

SAMPLE LINE 51
SA;KET1;C51014-2;SITE,SID;DATE,1981,JUN 24 25;TIME,2212 1000;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	0.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.189	;FLUORIDE;MYG M-3
6	1010	9.200	;NAPHTALENE,PAH;NG M-3
7	1020	22.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	14.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.300	;BIPHENYL,PAH;NG M-3
10	1050	23.200	;ACENAPHTENE,PAH;NG M-3
11	1060	30.800	;FLUORENE,PAH;NG M-3
12	1070	10.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	99.900	;PHENANTHRENE,PAH;NG M-3
14	1090	2.250	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	33.000	;FLUORANTHENE,PAH;NG M-3
19	1140	17.200	;PYRENE,PAH;NG M-3
20	1150	3.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	10.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2,000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	4.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	3.700	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.800	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.600	;CORONENE,PAH;NG M-3
34	2000	317.199	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;C50019-2;SITE,SID;DATE,1981,JUN 25;TIME,1010 2115;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.065	;FLUORIDE;MYG M-3
6	1010	8.300	;NAPHTALENE,PAH;NG M-3
7	1020	15.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.900	;BIPHENYL,PAH;NG M-3
10	1050	7.400	;ACENAPHTENE,PAH;NG M-3
11	1060	17.800	;FLUORENE,PAH;NG M-3
12	1070	5.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	47.200	;PHENANTHRENE,PAH;NG M-3
14	1090	2.650	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	15.800	;FLUORANTHENE,PAH;NG M-3
19	1140	8.600	;PYRENE,PAH;NG M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.650	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2,600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	152.150	;TOTAL PAH;NG M-3

SAMPLE LINE 63
SA;KET1;C53010-2;SITE,SID;DATE,1981,JUL 02 03;TIME,2157 1122;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.015	;FLUORIDE;MYC M-3
6	1010	5.500	;NAPHTALENE,PAH;NG M-3
7	1020	8.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.900	;BIPHENYL,PAH;NG M-3
10	1050	8.700	;ACENAPHTENE,PAH;NG M-3
11	1060	12.000	;FLUORENE,PAH;NG M-3
12	1070	3.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	41.500	;PHENANTHRENE,PAH;NG M-3
14	1090	1.550	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.900	;FLUORANTHENE,PAH;NG M-3
19	1140	5.600	;PYRENE,PAH;NG M-3
20	1150	0.150	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.150	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.850	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.150	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	111.300	;TOTAL PAH;NG M-3

SAMPLE LINE 79
SA;KET1;C53027-2;SITE,SID;DATE,1981,JUL 03;TIME,1129 2125;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	23.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	4.200	;NAPHTALENE,PAH;NG M-3
7	1020	5.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.500	;BIPHENYL,PAH;NG M-3
10	1050	5.300	;ACENAPHTENE,PAH;NG M-3
11	1060	9.700	;FLUORENE,PAH;NG M-3
12	1070	2.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	31.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	12.900	;FLUORANTHENE,PAH;NG M-3
19	1140	4.700	;PYRENE,PAH;NG M-3
20	1150	0.150	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.150	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.250	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.850	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.150	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	86.500	;TOTAL PAH;NG M-3

SAMPLE LINE 85
SA;KET1;C5270-2;SITE,SID;DATE,1981,JUL 06 07;TIME,2050 1027;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	25.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.013	;FLUORIDE;MYC M-3
6	1010	1.600	;NAPHTALENE,PAH;NG M-3
7	1020	0.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.000	;BIPHENYL,PAH;NG M-3
10	1050	2.500	;ACENAPHTENE,PAH;NG M-3
11	1060	6.800	;FLUORENE,PAH;NG M-3
12	1070	2.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	20.600	;PHENANTHRENE,PAH;NG M-3
14	1090	0.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.900	;FLUORANTHENE,PAH;NG M-3
19	1140	2.500	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	48.300	;TOTAL PAH;NG M-3

SAMPLE LINE 93
SA;KET1;C5476-2;SITE,SID;DATE,1981,JUL 07;TIME,1035 2035;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYC M-3
6	1010	1.000	;NAPHTALENE,PAH;NG M-3
7	1020	0.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.000	;BIPHENYL,PAH;NG M-3
10	1050	1.900	;ACENAPHTENE,PAH;NG M-3
11	1060	4.000	;FLUORENE,PAH;NG M-3
12	1070	1.050	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	20.300	;PHENANTHRENE,PAH;NG M-3
14	1090	4.950	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.500	;FLUORANTHENE,PAH;NG M-3
19	1140	3.400	;PYRENE,PAH;NG M-3
20	1150	0.050	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.050	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	49.900	;TOTAL PAH;NG M-3

SAMPLE LINE 107
SA;KET1;C5528-2;SITE,SID;DATE,1981,JUL 14 15;TIME,2215 1016;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.057	;FLUORIDE;MYG M-3
6	1010	6.500	;NAPHTALENE,PAH;NG M-3
7	1020	6.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.800	;BIPHENYL,PAH;NG M-3
10	1050	5.200	;ACENAPHTENE,PAH;NG M-3
11	1060	6.100	;FLUORENE,PAH;NG M-3
12	1070	1.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.300	;PHENANTHRENE,PAH;NG M-3
14	1090	0.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.700	;FLUORANTHENE,PAH;NG M-3
19	1140	3.500	;PYRENE,PAH;NG M-3
20	1150	0.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.600	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.300	;CORONENE,PAH;NG M-3
34	2000	75.700	;TOTAL PAH;NG M-3

SAMPLE LINE 109
SA;KET1;C5530-2;SITE,SID;DATE,1981,JUL 15;TIME,1025 2124;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	4.200	;NAPHTALENE,PAH;NG M-3
7	1020	8.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.700	;BIPHENYL,PAH;NG M-3
10	1050	3.600	;ACENAPHTENE,PAH;NG M-3
11	1060	7.400	;FLUORENE,PAH;NG M-3
12	1070	1.750	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	22.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.850	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	8.400	;FLUORANTHENE,PAH;NG M-3
19	1140	3.200	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.250	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.750	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.150	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	71.050	;TOTAL PAH;NG M-3

SAMPLE LINE 125
SA;KET1;C5483-2;SITE,SID;DATE,1981,JUL 22 23;TIME,2040 1150;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	10.200	;NAPHTALENE,PAH;NG M-3
7	1020	5.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.100	;BIPHENYL,PAH;NG M-3
10	1050	3.000	;ACENAPHTENE,PAH;NG M-3
11	1060	5.100	;FLUORENE,PAH;NG M-3
12	1070	1.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	20.500	;PHENANTHRENE,PAH;NG M-3
14	1090	0.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.500	;FLUORANTHENE,PAH;NG M-3
19	1140	3.200	;PYRENE,PAH;NG M-3
20	1150	0.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.050	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	63.450	;TOTAL PAH;NG M-3

SAMPLE LINE 135
SA;KET1;C5608-2;SITE,SID;DATE,1981,JUL 23;TIME,1200 2010;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	4.000	;NAPHTALENE,PAH;NG M-3
7	1020	1.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.500	;BIPHENYL,PAH;NG M-3
10	1050	1.900	;ACENAPHTENE,PAH;NG M-3
11	1060	3.600	;FLUORENE,PAH;NG M-3
12	1070	0.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	14.200	;PHENANTHRENE,PAH;NG M-3
14	1090	0.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	9.200	;FLUORANTHENE,PAH;NG M-3
19	1140	5.000	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.400	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	47.400	;TOTAL PAH;NG M-3

SAMPLE LINE 13
SA;KET1;C5744-2;SITE,SID;DATE,1981,JUL 30 31;TIME,2030 1020;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.040	;FLUORIDE;HYG M-3
6	1010	4.400	;NAPHTALENE,PAH;NG M-3
7	1020	1.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	0.800	;BIPHENYL,PAH;NG M-3
10	1050	2.200	;ACENAPHTENE,PAH;NG M-3
11	1060	9.000	;FLUORENE,PAH;NG M-3
12	1070	2.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	34.350	;PHENANTHRENE,PAH;NG M-3
14	1090	0.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.300	;FLUORANTHENE,PAH;NG M-3
19	1140	5.050	;PYRENE,PAH;NG M-3
20	1150	0.150	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.150	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.750	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.050	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.050	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.050	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.050	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.050	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.050	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.050	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.050	;CORONENE,PAH;NG M-3
34	2000	77.250	;TOTAL PAH;NG M-3

SAMPLE LINE 23
SA;KET1;C5893-2;SITE,SID;DATE,1981,JUL 31;TIME,1025 2000;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.002	;FLUORIDE;HYG M-3
6	1010	6.600	;NAPHTALENE,PAH;NG M-3
7	1020	2.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.000	;BIPHENYL,PAH;NG M-3
10	1050	3.900	;ACENAPHTENE,PAH;NG M-3
11	1060	9.300	;FLUORENE,PAH;NG M-3
12	1070	3.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	41.000	;PHENANTHRENE,PAH;NG M-3
14	1090	0.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.400	;FLUORANTHENE,PAH;NG M-3
19	1140	10.600	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	114.700	;TOTAL PAH;NG M-3

SAMPLE LINE 27
SA;KET1;C5795-2;SITE,SID;DATE,1981,AUG 03 04;TIME,2140 1030;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.009	;FLUORIDE;HYG M-3
6	1010	4.300	;NAPHTALENE,PAH;NG M-3
7	1020	1.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.300	;BIPHENYL,PAH;NG M-3
10	1050	4.000	;ACENAPHTENE,PAH;NG M-3
11	1060	8.800	;FLUORENE,PAH;NG M-3
12	1070	2.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	21.400	;PHENANTHRENE,PAH;NG M-3
14	1090	1.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.100	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.600	;FLUORANTHENE,PAH;NG M-3
19	1140	3.400	;PYRENE,PAH;NG M-3
20	1150	0.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	60.200	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;C5901-2;SITE,SID;DATE,1981,AUG 04 ;TIME,1049 2020;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	17.200	TEMPERATURE;DEG C
4	130	0.300	DELTA T; DEG C
5	1000	0.080	;FLUORIDE;HYG M-3
6	1010	7.700	;NAPHTALENE,PAH;NG M-3
7	1020	4.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.200	;BIPHENYL,PAH;NG M-3
10	1050	14.400	;ACENAPHTENE,PAH;NG M-3
11	1060	18.900	;FLUORENE,PAH;NG M-3
12	1070	5.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	57.900	;PHENANTHRENE,PAH;NG M-3
14	1090	2.350	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.400	;FLUORANTHENE,PAH;NG M-3
19	1140	11.900	;PYRENE,PAH;NG M-3
20	1150	0.800	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	2.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	174.500	;TOTAL PAH;NG M-3

SAMPLE LINE 65
SA;KET SID;C3609-2;SITE,SID;DATE,1981,AUG 11 12;TIME,2140 0915;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	MAIN WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	13.900	TEMPERATURE;DEG C
4	130	0.400	DELTA T;DEG C
5	1000	0.013	;FLUORIDE;MYG M-3
6	1010	7.800	;NAPHTALENE,PAH;NG M-3
7	1020	3.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.500	;BIPHENYL,PAH;NG M-3
10	1050	7.200	;ACENAPHTENE,PAH;NG M-3
11	1060	12.100	;FLUORENE,PAH;NG M-3
12	1070	2.500	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	28.750	;PHENANTHRENE,PAH;NG M-3
14	1090	1.100	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.100	;FLUORANTHENE,PAH;NG M-3
19	1140	5.050	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.250	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.900	;CHRYSENE / TRIPHENYLENE;PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	87.250	;TOTAL PAH;NG M-3

SAMPLE LINE 61
SA;KET1;C5915-2;SITE,SID;DATE,1981,AUG 12;TIME,0925 2040;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.500	DELTA T; DEG C
5	1000	0.151	;FLUORIDE;MYG M-3
6	1010	13.200	;NAPHTALENE,PAH;NG M-3
7	1020	5.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.700	;BIPHENYL,PAH;NG M-3
10	1050	3.400	;ACENAPHTENE,PAH;NG M-3
11	1060	13.900	;FLUORENE,PAH;NG M-3
12	1070	4.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	43.200	;PHENANTHRENE,PAH;NG M-3
14	1090	1.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	19.100	;FLUORANTHENE,PAH;NG M-3
19	1140	8.400	;PYRENE,PAH;NG M-3
20	1150	1.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	1.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	134.900	;TOTAL PAH;NG M-3

SAMPLE LINE 73
SA;KET1;C6021-2;SITE,SID;DATE,198:,AUG 19 20;TIME,2215 1135;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	10.600	TEMPERATURE;DEG C
4	130	0.700	DELTA T; DEG C
5	1000	0.146	;FLUORIDE;MYG M-3
6	1010	12.100	;NAPHTALENE,PAH;NG M-3
7	1020	6.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.000	;BIPHENYL,PAH;NG M-3
10	1050	15.000	;ACENAPHTENE,PAH;NG M-3
11	1060	23.300	;FLUORENE,PAH;NG M-3
12	1070	7.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	63.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	35.300	;FLUORANTHENE,PAH;NG M-3
19	1140	18.400	;PYRENE,PAH;NG M-3
20	1150	2.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	2.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	3.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	15.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	15.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	2.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.700	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	245.800	;TOTAL PAH;NG M-3

SAMPLE LINE 83
SA;KET1;G6027-2;SITE,SID;DATE,1981,AUG 27 28;TIME,1950 1105;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	34.000	WIND DIRECTION
2	110	8.300	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T; DEG C
5	1000	0.000	;FLUORIDE;NYG M-3
6	1010	4.900	;NAPHTALENE,PAH;NG M-3
7	1020	2.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.700	;BIPHENYL,PAH;NG M-3
10	1050	2.300	;ACENAPHTENE,PAH;NG M-3
11	1060	5.500	;FLUORENE,PAH;NG M-3
12	1070	1.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.600	;PHENANTHRENE,PAH;NG M-3
14	1090	0.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.500	;FLUORANTHENE,PAH;NG M-3
19	1140	4.000	;PYRENE,PAH;NG M-3
20	1150	1.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	4.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.400	;PERYLENE,PAH;NG M-3
29	1240	2.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	2.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.600	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	66.400	;TOTAL PAH;NG M-3

SAMPLE LINE 97
SA;KET1;G6334-2;SITE,SID;DATE,1981,AUG 28;TIME,1115 2136;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	3.000	WIND DIRECTION
2	110	6.800	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T; DEG C
5	1000	0.170	;FLUORIDE;NYG M-3
6	1010	16.900	;NAPHTALENE,PAH;NG M-3
7	1020	10.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.300	;BIPHENYL,PAH;NG M-3
10	1050	22.200	;ACENAPHTENE,PAH;NG M-3
11	1060	21.900	;FLUORENE,PAH;NG M-3
12	1070	6.000	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	72.300	;PHENANTHRENE,PAH;NG M-3
14	1090	4.350	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	41.200	;FLUORANTHENE,PAH;NG M-3
19	1140	31.400	;PYRENE,PAH;NG M-3
20	1150	6.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	4.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	8.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	19.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	20.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.500	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	3.900	;PERYLENE,PAH;NG M-3
29	1240	5.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	325.949	;TOTAL PAH;NG M-3

SAMPLE LINE 105
SA;KET1;G6138-2;SITE,SID;DATE,1981,OKT 01 02;TIME,1356 1356;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	3.800	WIND SPEED;MS-1
3	120	12.700	TEMPERATURE;DEG C
4	130	0.400	DELTA T; DEG C
5	1000	0.177	;FLUORIDE;NYG M-3
6	1010	3.800	;NAPHTALENE,PAH;NG M-3
7	1020	3.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.600	;BIPHENYL,PAH;NG M-3
10	1050	18.800	;ACENAPHTENE,PAH;NG M-3
11	1060	34.600	;FLUORENE,PAH;NG M-3
12	1070	11.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	93.700	;PHENANTHRENE,PAH;NG M-3
14	1090	6.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.600	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	36.900	;FLUORANTHENE,PAH;NG M-3
19	1140	22.600	;PYRENE,PAH;NG M-3
20	1150	5.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	7.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	14.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	14.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	5.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	2.300	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	3.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	3.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.900	;CORONENE,PAH;NG M-3
34	2000	302.850	;TOTAL PAH;NG M-3

SAMPLE LINE 113
SA;KET1;G6243-2;SITE,SID;DATE,1981,OKT 05 06;TIME,1350 1413;SAMPLE TYPE, 24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	3.700	WIND SPEED;MS-1
3	120	9.500	TEMPERATURE;DEG C
4	130	-0.200	DELTA T; DEG C
5	1000	0.008	;FLUORIDE;NYG M-3
6	1010	3.000	;NAPHTALENE,PAH;NG M-3
7	1020	1.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	1.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.400	;BIPHENYL,PAH;NG M-3
10	1050	2.200	;ACENAPHTENE,PAH;NG M-3
11	1060	7.000	;FLUORENE,PAH;NG M-3
12	1070	2.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	20.250	;PHENANTHRENE,PAH;NG M-3
14	1090	1.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	11.300	;FLUORANTHENE,PAH;NG M-3
19	1140	7.600	;PYRENE,PAH;NG M-3
20	1150	1.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	70.350	;TOTAL PAH;NG M-3

SAMPLE LINE 125
SA;KET1;C6448-2;SITE,SID;DATE,1981,OKT 13 14;TIME,1015 1050;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	31.000	WIND DIRECTION
2	110	2.200	WIND SPEED;MS-1
3	120	6.500	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.011	;FLUORIDE;MYG M-3
6	1010	13.890	;NAPHTALENE,PAH;NG M-3
7	1020	11.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	6.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.200	;BIPHENYL,PAH;NG M-3
10	1050	5.100	;ACENAPHTENE,PAH;NG M-3
11	1060	14.900	;FLUORENE,PAH;NG M-3
12	1070	2.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	30.600	;PHENANTHRENE,PAH;NG M-3
14	1090	2.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	10.700	;FLUORANTHENE,PAH;NG M-3
19	1140	8.890	;PYRENE,PAH;NG M-3
20	1150	1.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.400	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.800	;CORONENE,PAH;NG M-3
34	2000	133.800	;TOTAL PAH;NG M-3

SAMPLE LINE 133
SA;KET1;C6453-2;SITE,SID;DATE,1981,OKT 21 22;TIME,1043 1010;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	4.000	WIND SPEED;MS-1
3	120	5.000	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	43.200	;NAPHTALENE,PAH;NG M-3
7	1020	17.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.500	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.100	;BIPHENYL,PAH;NG M-3
10	1050	1.900	;ACENAPHTENE,PAH;NG M-3
11	1060	6.300	;FLUORENE,PAH;NG M-3
12	1070	0.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	13.200	;PHENANTHRENE,PAH;NG M-3
14	1090	1.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.200	;FLUORANTHENE,PAH;NG M-3
19	1140	3.200	;PYRENE,PAH;NG M-3
20	1150	0.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.700	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	115.200	;TOTAL PAH;NG M-3

SAMPLE LINE 145
SA;KET1;C6560-2;SITE,SID;DATE,1981,OKT 29 30;TIME,1200 1112;SAMPLE TYPE,
24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	5.000	WIND DIRECTION
2	110	4.300	WIND SPEED;MS-1
3	120	5.300	TEMPERATURE;DEG C
4	130	0.100	DELTA T; DEG C
5	1000	0.002	;FLUORIDE;MYG M-3
6	1010	16.400	;NAPHTALENE,PAH;NG M-3
7	1020	8.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.500	;BIPHENYL,PAH;NG M-3
10	1050	3.700	;ACENAPHTENE,PAH;NG M-3
11	1060	12.500	;FLUORENE,PAH;NG M-3
12	1070	3.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	26.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	7.800	;FLUORANTHENE,PAH;NG M-3
19	1140	5.800	;PYRENE,PAH;NG M-3
20	1150	0.550	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.550	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	1.000	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.050	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.050	;CORONENE,PAH;NG M-3
34	2000	106.750	;TOTAL PAH;NG M-3

E: RESULTS FROM NYHAMNSUDDEN

SAMPLE LINE 155
SA;KET1;C4829-2;SITE,NYH;DATE,1981,MAY 07 08;TIME,1312 1205;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	8.800	TEMPERATURE;DEG C
4	130	0.200	DELTA T;DEG C
5	1000	0.284	;FLUORIDE;MYG M-3
6	1010	9.500	;NAPHTALENE,PAH;NG M-3
7	1020	17.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	13.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	19.500	;BIPHENYL,PAH;NG M-3
10	1050	82.500	;ACENAPHTENE,PAH;NG M-3
11	1060	66.000	;FLUORENE,PAH;NG M-3
12	1070	14.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	175.000	;PHENANTHRENE,PAH;NG M-3
14	1090	5.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	56.100	;FLUORANTHENE,PAH;NG M-3
19	1140	32.400	;PYRENE,PAH;NG M-3
20	1150	7.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	9.500	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	31.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	32.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	12.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	3.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.400	;PERYLENE,PAH;NG M-3
29	1240	4.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.150	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	609.849	;TOTAL PAH;NG M-3

SAMPLE LINE 165
SA;KET1;C4734-2;SITE,NYH;DATE,1981,MAY 11 12;TIME,1525 1520;SAMPLE TYPE,24T,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	8.600	TEMPERATURE;DEG C
4	130	-0.200	DELTA T;DEG C
5	1000	0.086	;FLUORIDE;MYG M-3
6	1010	4.800	;NAPHTALENE,PAH;NG M-3
7	1020	8.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.200	;BIPHENYL,PAH;NG M-3
10	1050	29.300	;ACENAPHTENE,PAH;NG M-3
11	1060	37.300	;FLUORENE,PAH;NG M-3
12	1070	13.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	103.100	;PHENANTHRENE,PAH;NG M-3
14	1090	5.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.800	;FLUORANTHENE,PAH;NG M-3
19	1140	13.900	;PYRENE,PAH;NG M-3
20	1150	2.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.600	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	7.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.200	;PERYLENE,PAH;NG M-3
29	1240	1.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	282.549	;TOTAL PAH;NG M-3

SAMPLE LINE 11
SA;KET1;C4039-2;SITE,NYH;DATE,1981,MAY 19 20;TIME,2130 0750;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	7.800	TEMPERATURE;DEG C
4	130	1.000	DELTA T;DEG C
5	1000	0.142	;FLUORIDE;MYG M-3
6	1010	20.700	;NAPHTALENE,PAH;NG M-3
7	1020	34.700	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	20.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	12.100	;BIPHENYL,PAH;NG M-3
10	1050	37.400	;ACENAPHTENE,PAH;NG M-3
11	1060	39.000	;FLUORENE,PAH;NG M-3
12	1070	12.050	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	90.400	;PHENANTHRENE,PAH;NG M-3
14	1090	2.250	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.750	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.300	;FLUORANTHENE,PAH;NG M-3
19	1140	10.300	;PYRENE,PAH;NG M-3
20	1150	2.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	2.700	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	12.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	7.400	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	2.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	345.049	;TOTAL PAH;NG M-3

SAMPLE LINE 19
SA;KET1;C4145-2;SITE,NYH;DATE,1981,JUN 03 04;TIME,2000 1226;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	2.900	WIND SPEED;MS-1
3	120	13.800	TEMPERATURE;DEG C
4	130	-0.300	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	4.100	;NAPHTALENE,PAH;NG M-3
7	1020	5.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	2.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.700	;BIPHENYL,PAH;NG M-3
10	1050	4.800	;ACENAPHTENE,PAH;NG M-3
11	1060	20.500	;FLUORENE,PAH;NG M-3
12	1070	10.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	88.400	;PHENANTHRENE,PAH;NG M-3
14	1090	2.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.350	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	13.000	;FLUORANTHENE,PAH;NG M-3
19	1140	4.900	;PYRENE,PAH;NG M-3
20	1150	0.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	165.950	;TOTAL PAH;NG M-3

SAMPLE LINE 37
SA;KET1;C4654-2;SITE,NYH;DATE,1981,JUN 04;TIME,1240 2053;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	16.000	WIND DIRECTION
2	110	2.500	WIND SPEED;MS-1
3	120	15.700	TEMPERATURE;DEG C
4	130	-0.600	DELTA T;DEG C
5	1000	0.048	;FLUORIDE;MYG M-3
6	1010	9.000	;NAPHTALENE,PAH;NG M-3
7	1020	21.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	10.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.900	;BIPHENYL,PAH;NG M-3
10	1050	7.700	;ACENAPHTENE,PAH;NG M-3
11	1060	31.800	;FLUORENE,PAH;NG M-3
12	1070	16.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	141.300	;PHENANTHRENE,PAH;NG M-3
14	1090	5.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	19.900	;FLUORANTHENE,PAH;NG M-3
19	1140	7.200	;PYRENE,PAH;NG M-3
20	1150	1.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.300	;PERYLENE,PAH;NG M-3
29	1240	1.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.800	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.600	;CORONENE,PAH;NG M-3
34	2000	295.000	;TOTAL PAH;NG M-3

SAMPLE LINE 3
SA;KET1;C4255-2;SITE,NYH;DATE,1981,JUN 11 12;TIME,2052 1012;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	2.100	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	4.500	;NAPHTALENE,PAH;NG M-3
7	1020	10.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	6.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	3.000	;BIPHENYL,PAH;NG M-3
10	1050	13.600	;ACENAPHTENE,PAH;NG M-3
11	1060	10.700	;FLUORENE,PAH;NG M-3
12	1070	3.250	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	33.000	;PHENANTHRENE,PAH;NG M-3
14	1090	2.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	15.500	;FLUORANTHENE,PAH;NG M-3
19	1140	9.400	;PYRENE,PAH;NG M-3
20	1150	1.140	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.100	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	5.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.800	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.400	;CORONENE,PAH;NG M-3
34	2000	128.340	;TOTAL PAH;NG M-3

SAMPLE LINE 13
SA;KET1;C4560-2;SITE,NYH;DATE,1981,JUN 12;TIME,1023 2202;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	14.000	WIND DIRECTION
2	110	3.400	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	2.100	;NAPHTALENE,PAH;NG M-3
7	1020	4.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	3.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	1.800	;BIPHENYL,PAH;NG M-3
10	1050	7.300	;ACENAPHTENE,PAH;NG M-3
11	1060	6.000	;FLUORENE,PAH;NG M-3
12	1070	1.350	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	18.100	;PHENANTHRENE,PAH;NG M-3
14	1090	1.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.450	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	5.000	;FLUORANTHENE,PAH;NG M-3
19	1140	2.500	;PYRENE,PAH;NG M-3
20	1150	0.150	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.150	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.050	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.300	;CORONENE,PAH;NG M-3
34	2000	57.700	;TOTAL PAH;NG M-3

SAMPLE LINE 29
SA;KET1;C49003-2;SITE,NYH;DATE,1981,JUN 15 16;TIME,2130 0950;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	15.000	WIND DIRECTION
2	110	1.600	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.000	;FLUORIDE;MYG M-3
6	1010	4.300	;NAPHTALENE,PAH;NG M-3
7	1020	15.400	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	0.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.700	;BIPHENYL,PAH;NG M-3
10	1050	10.500	;ACENAPHTENE,PAH;NG M-3
11	1060	11.200	;FLUORENE,PAH;NG M-3
12	1070	3.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	33.400	;PHENANTHRENE,PAH;NG M-3
14	1090	1.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.950	;FLUORANTHENE,PAH;NG M-3
19	1140	2.850	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	93.500	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;C49005-2;SITE,NYH;DATE,1981,JUN 16;TIME,0959 2200;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.019	;FLUORIDE;MYG M-3
6	1010	8.200	;NAPHTALENE,PAH;NG M-3
7	1020	11.600	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.800	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	2.100	;BIPHENYL,PAH;NG M-3
10	1050	7.000	;ACENAPHTENE,PAH;NG M-3
11	1060	14.800	;FLUORENE,PAH;NG M-3
12	1070	3.900	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	55.800	;PHENANTHRENE,PAH;NG M-3
14	1090	2.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	1.800	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	15.600	;FLUORANTHENE,PAH;NG M-3
19	1140	8.000	;PYRENE,PAH;NG M-3
20	1150	1.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	6.900	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	149.200	;TOTAL PAH;NG M-3

F: RESULTS FROM FORSKNINGSLABORATORIET (SCA)

SAMPLE LINE 45
SA;KET1;C51011-2;SITE,SCA;DATE,1981,JUN 24 25;TIME,2130 1115;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	0.900	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.304	;FLUORIDE;MYG M-3
6	1010	3.300	;NAPHTALENE,PAH;NG M-3
7	1020	21.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	11.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.500	;BIPHENYL,PAH;NG M-3
10	1050	38.900	;ACENAPHTENE,PAH;NG M-3
11	1060	109.100	;FLUORENE,PAH;NG M-3
12	1070	30.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	273.700	;PHENANTHRENE,PAH;NG M-3
14	1090	21.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	8.400	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	83.400	;FLUORANTHENE,PAH;NG M-3
19	1140	44.400	;PYRENE,PAH;NG M-3
20	1150	7.500	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	5.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	15.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.600	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	3.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.600	;PERYLENE,PAH;NG M-3
29	1240	2.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.400	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.300	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.900	;CORONENE,PAH;NG M-3
34	2000	702.999	;TOTAL PAH;NG M-3

SAMPLE LINE 61
SA;KET1;C52023-2;SITE,SCA;DATE,1981,JUN 25;TIME,1128 2130;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	38.000	WIND DIRECTION
2	110	1.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.042	;FLUORIDE;MYG M-3
6	1010	13.600	;NAPHTALENE,PAH;NG M-3
7	1020	40.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	25.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.200	;BIPHENYL,PAH;NG M-3
10	1050	14.800	;ACENAPHTENE,PAH;NG M-3
11	1060	26.100	;FLUORENE,PAH;NG M-3
12	1070	9.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	87.600	;PHENANTHRENE,PAH;NG M-3
14	1090	3.500	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	22.200	;FLUORANTHENE,PAH;NG M-3
19	1140	9.600	;PYRENE,PAH;NG M-3
20	1150	0.900	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	1.700	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.900	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	2.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.100	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	1.800	;CORONENE,PAH;NG M-3
34	2000	285.699	;TOTAL PAH;NG M-3

SAMPLE LINE 71
SA;KET1;C53014-2;SITE,SCA;DATE,1981,JUL 02 03;TIME,2135 1050;SAMPLE TYPE,NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	27.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.121	;FLUORIDE;MYG M-3
6	1010	20.000	;NAPHTALENE,PAH;NG M-3
7	1020	39.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	19.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.800	;BIPHENYL,PAH;NG M-3
10	1050	53.100	;ACENAPHTENE,PAH;NG M-3
11	1060	66.000	;FLUORENE,PAH;NG M-3
12	1070	14.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	125.300	;PHENANTHRENE,PAH;NG M-3
14	1090	5.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	47.100	;FLUORANTHENE,PAH;NG M-3
19	1140	23.100	;PYRENE,PAH;NG M-3
20	1150	2.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.800	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	12.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	7.500	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	5.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.700	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.500	;PERYLENE,PAH;NG M-3
29	1240	2.800	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	2.400	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.000	;CORONENE,PAH;NG M-3
34	2000	470.599	;TOTAL PAH;NG M-3

SAMPLE LINE 73
SA;KET1;C53024-2;SITE,SCA;DATE,1981,JUL 03;TIME,1057 2200;SAMPLE TYPE,DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	23.000	WIND DIRECTION
2	110	2.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.612	;FLUORIDE;MYG M-3
6	1010	128.000	;NAPHTALENE,PAH;NG M-3
7	1020	192.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	104.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	47.800	;BIPHENYL,PAH;NG M-3
10	1050	390.000	;ACENAPHTENE,PAH;NG M-3
11	1060	298.000	;FLUORENE,PAH;NG M-3
12	1070	98.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	649.400	;PHENANTHRENE,PAH;NG M-3
14	1090	71.600	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	23.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	245.900	;FLUORANTHENE,PAH;NG M-3
19	1140	143.000	;PYRENE,PAH;NG M-3
20	1150	21.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	16.400	;BENZO B FLUORENE,PAH;NG M-3
22	1170	18.900	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	48.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	44.300	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO CHI FLUORANTHENE,PAH;NG M-3
26	1210	15.900	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.500	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.900	;PERYLENE,PAH;NG M-3
29	1240	6.500	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.900	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	8.600	;BENZO CHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	2.200	;CORONENE,PAH;NG M-3
34	2000	2584.796	;TOTAL PAH;NG M-3

SAMPLE LINE 91
SA;KET1;C5474-2;SITE,SCA;DATE,1981,JUL 07;TIME,1000 2030;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.027	;FLUORIDE;MYG M-3
6	1010	16.400	;NAPHTALENE,PAH;NG M-3
7	1020	11.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	9.400	;BIPHENYL,PAH;NG M-3
10	1050	57.100	;ACENAPHTENE,PAH;NG M-3
11	1060	80.800	;FLUORENE,PAH;NG M-3
12	1070	23.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	151.600	;PHENANTHRENE,PAH;NG M-3
14	1090	5.200	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	37.200	;FLUORANTHENE,PAH;NG M-3
19	1140	13.500	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.450	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.600	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTURENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	421.899	;TOTAL PAH;NG M-3

SAMPLE LINE 119
SA;KET1;C5480-2;SITE,SCA;DATE,1981,JUL 22 23;TIME,1940 1020;SAMPLE TYPE
NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.043	;FLUORIDE;MYG M-3
6	1010	16.900	;NAPHTALENE,PAH;NG M-3
7	1020	32.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	18.600	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	6.000	;BIPHENYL,PAH;NG M-3
10	1050	18.100	;ACENAPHTENE,PAH;NG M-3
11	1060	23.700	;FLUORENE,PAH;NG M-3
12	1070	6.550	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	68.200	;PHENANTHRENE,PAH;NG M-3
14	1090	3.950	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	2.900	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.500	;FLUORANTHENE,PAH;NG M-3
19	1140	10.500	;PYRENE,PAH;NG M-3
20	1150	0.600	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.200	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.150	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.150	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.150	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.150	;PERYLENE,PAH;NG M-3
29	1240	0.150	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.150	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.150	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTURENE,PAH;NG M-3
33	1280	0.150	;CORONENE,PAH;NG M-3
34	2000	234.700	;TOTAL PAH;NG M-3

SAMPLE LINE 129
SA;KET1;C5685-2;SITE,SCA;DATE,1981,JUL 23;TIME,1030 2100;SAMPLE TYPE,
DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	3.200	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T;DEG C
5	1000	0.029	;FLUORIDE;MYG M-3
6	1010	35.800	;NAPHTALENE,PAH;NG M-3
7	1020	53.500	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	29.400	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.300	;BIPHENYL,PAH;NG M-3
10	1050	26.200	;ACENAPHTENE,PAH;NG M-3
11	1060	30.400	;FLUORENE,PAH;NG M-3
12	1070	7.200	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	82.500	;PHENANTHRENE,PAH;NG M-3
14	1090	4.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	26.800	;FLUORANTHENE,PAH;NG M-3
19	1140	12.500	;PYRENE,PAH;NG M-3
20	1150	1.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.000	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.000	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTURENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	326.900	;TOTAL PAH;NG M-3

SAMPLE LINE 7
SA;KET1;C5741-2;SITE,SCA;DATE,1981,JUL 30 31;TIME,1945 0932;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	29.000	WIND DIRECTION
2	110	0.000	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.045	;FLUORIDE;MYC M-3
6	1010	9.500	;NAPHTALENE,PAH;NG M-3
7	1020	6.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	5.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.800	;BIPHENYL,PAH;NG M-3
10	1050	19.900	;ACENAPHTENE,PAH;NG M-3
11	1060	31.100	;FLUORENE,PAH;NG M-3
12	1070	7.100	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	73.200	;PHENANTHRENE,PAH;NG M-3
14	1090	3.300	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	3.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.900	;FLUORANTHENE,PAH;NG M-3
19	1140	12.500	;PYRENE,PAH;NG M-3
20	1150	1.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.700	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.300	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.500	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.400	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.200	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.300	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	207.600	;TOTAL PAH;NG M-3

SAMPLE LINE 17
SA;KET1;C5890-2;SITE,SCA;DATE,1981,JUL 31;TIME,0944 2046;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	30.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.237	;FLUORIDE;MYC M-3
6	1010	44.000	;NAPHTALENE,PAH;NG M-3
7	1020	23.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	12.900	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	10.800	;BIPHENYL,PAH;NG M-3
10	1050	81.600	;ACENAPHTENE,PAH;NG M-3
11	1060	79.100	;FLUORENE,PAH;NG M-3
12	1070	26.750	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	207.900	;PHENANTHRENE,PAH;NG M-3
14	1090	18.050	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	6.050	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	77.300	;FLUORANTHENE,PAH;NG M-3
19	1140	44.000	;PYRENE,PAH;NG M-3
20	1150	8.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	5.500	;BENZO B FLUORENE,PAH;NG M-3
22	1170	12.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	19.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	21.800	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	9.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	4.600	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.700	;PERYLENE,PAH;NG M-3
29	1240	4.000	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	1.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	5.200	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	724.349	;TOTAL PAH;NG M-3

SAMPLE LINE 33
SA;KET1;C5898-2;SITE,SCA;DATE,1981,AUG 03 04;TIME,2214 1159;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	1.700	WIND SPEED;MS-1
3	120	0.000	TEMPERATURE;DEG C
4	130	0.000	DELTA T; DEG C
5	1000	0.020	;FLUORIDE;MYC M-3
6	1010	11.000	;NAPHTALENE,PAH;NG M-3
7	1020	7.800	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	7.400	;BIPHENYL,PAH;NG M-3
10	1050	64.000	;ACENAPHTENE,PAH;NG M-3
11	1060	75.100	;FLUORENE,PAH;NG M-3
12	1070	12.700	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	95.900	;PHENANTHRENE,PAH;NG M-3
14	1090	6.800	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.200	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	23.700	;FLUORANTHENE,PAH;NG M-3
19	1140	9.500	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	324.699	;TOTAL PAH;NG M-3

SAMPLE LINE 43
SA;KET1;C5905-2;SITE,SCA;DATE,1981,AUG 04;TIME,1210 2045;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	26.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	17.200	TEMPERATURE;DEG C
4	130	0.300	DELTA T; DEG C
5	1000	0.176	;FLUORIDE;MYC M-3
6	1010	21.100	;NAPHTALENE,PAH;NG M-3
7	1020	12.300	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.200	;BIPHENYL,PAH;NG M-3
10	1050	71.100	;ACENAPHTENE,PAH;NG M-3
11	1060	75.700	;FLUORENE,PAH;NG M-3
12	1070	23.450	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	104.600	;PHENANTHRENE,PAH;NG M-3
14	1090	16.150	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	7.100	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	67.900	;FLUORANTHENE,PAH;NG M-3
19	1140	35.900	;PYRENE,PAH;NG M-3
20	1150	6.300	;BENZO A FLUORENE,PAH;NG M-3
21	1160	3.900	;BENZO B FLUORENE,PAH;NG M-3
22	1170	6.000	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	9.800	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	3.000	;BENZO J / K / B FLUOROANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	3.600	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	1.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	1.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.300	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	567.599	;TOTAL PAH;NG M-3

SAMPLE LINE 53
SA;KET1;C5911-2;SITE,SCA;DATE,1981,AUG 11 12;TIME,2225 0815;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	0.000	WIND DIRECTION
2	110	3.000	WIND SPEED;MS-1
3	120	13.900	TEMPERATURE;DEG C
4	130	0.400	DELTA T; DEG C
5	1000	0.124	;FLUORIDE;MYG M-3
6	1010	20.800	;NAPHTALENE,PAH;NG M-3
7	1020	15.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	9.000	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	11.400	;BIPHENYL,PAH;NG M-3
10	1050	71.500	;ACENAPHTENE,PAH;NG M-3
11	1060	80.400	;FLUORENE,PAH;NG M-3
12	1070	18.300	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	154.500	;PHENANTHRENE,PAH;NG M-3
14	1090	9.630	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	4.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	45.000	;FLUORANTHENE,PAH;NG M-3
19	1140	22.800	;PYRENE,PAH;NG M-3
20	1150	2.400	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.350	;BENZO B FLUORENE,PAH;NG M-3
22	1170	1.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	3.700	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	2.700	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.000	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.600	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.700	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	477.499	;TOTAL PAH;NG M-3

SAMPLE LINE 57
SA;KET1;C5913-2;SITE,SCA;DATE,1981,AUG 12;TIME,0825 2105;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	17.000	WIND DIRECTION
2	110	3.100	WIND SPEED;MS-1
3	120	17.600	TEMPERATURE;DEG C
4	130	-0.500	DELTA T; DEG C
5	1000	2.371	;FLUORIDE;MYG M-3
6	1010	59.000	;NAPHTALENE,PAH;NG M-3
7	1020	34.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	17.700	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	22.700	;BIPHENYL,PAH;NG M-3
10	1050	309.700	;ACENAPHTENE,PAH;NG M-3
11	1060	432.800	;FLUORENE,PAH;NG M-3
12	1070	167.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	1390.700	;PHENANTHRENE,PAH;NG M-3
14	1090	144.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	45.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	568.100	;FLUORANTHENE,PAH;NG M-3
19	1140	347.800	;PYRENE,PAH;NG M-3
20	1150	75.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	48.300	;BENZO B FLUORENE,PAH;NG M-3
22	1170	92.800	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	128.200	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	141.400	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	52.200	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	34.800	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	4.000	;PERYLENE,PAH;NG M-3
29	1240	26.900	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	9.500	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	31.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	1.700	;ANTHANTHRENE,PAH;NG M-3
33	1280	8.600	;CORONENE,PAH;NG M-3
34	2000	4194.692	;TOTAL PAH;NG M-3

SAMPLE LINE 65
SA;KET1;C6017-2;SITE,SCA;DATE,1981,AUG 19 20;TIME,2140 1105;SAMPLE TYPE NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	32.000	WIND DIRECTION
2	110	2.000	WIND SPEED;MS-1
3	120	10.600	TEMPERATURE;DEG C
4	130	0.700	DELTA T; DEG C
5	1000	0.023	;FLUORIDE;MYG M-3
6	1010	7.400	;NAPHTALENE,PAH;NG M-3
7	1020	6.200	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	4.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	8.500	;BIPHENYL,PAH;NG M-3
10	1050	40.400	;ACENAPHTENE,PAH;NG M-3
11	1060	51.900	;FLUORENE,PAH;NG M-3
12	1070	11.050	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	87.000	;PHENANTHRENE,PAH;NG M-3
14	1090	4.850	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	5.300	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	25.800	;FLUORANTHENE,PAH;NG M-3
19	1140	12.800	;PYRENE,PAH;NG M-3
20	1150	1.100	;BENZO A FLUORENE,PAH;NG M-3
21	1160	1.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	2.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	6.800	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	1.800	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.400	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	1.400	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.300	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	1.400	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	282.399	;TOTAL PAH;NG M-3

SAMPLE LINE 75
SA;KET1;C1922-2;SITE,SCA;DATE,1981,AUG 20;TIME,1112 2105;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	19.000	WIND DIRECTION
2	110	1.300	WIND SPEED;MS-1
3	120	15.300	TEMPERATURE;DEG C
4	130	1.600	DELTA T; DEG C
5	1000	0.542	;FLUORIDE;MYG M-3
6	1010	77.500	;NAPHTALENE,PAH;NG M-3
7	1020	31.900	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	17.100	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	23.200	;BIPHENYL,PAH;NG M-3
10	1050	230.300	;ACENAPHTENE,PAH;NG M-3
11	1060	183.000	;FLUORENE,PAH;NG M-3
12	1070	57.400	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	346.500	;PHENANTHRENE,PAH;NG M-3
14	1090	30.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	9.500	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	93.300	;FLUORANTHENE,PAH;NG M-3
19	1140	55.400	;PYRENE,PAH;NG M-3
20	1150	7.700	;BENZO A FLUORENE,PAH;NG M-3
21	1160	7.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	11.600	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	16.100	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	18.200	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	9.300	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	7.000	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	1.900	;PERYLENE,PAH;NG M-3
29	1240	7.200	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	3.200	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	7.600	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	3.000	;CORONENE,PAH;NG M-3
34	2000	1254.898	;TOTAL PAH;NG M-3

SAMPLE LINE 91
SA;KET1;C6031-2;SITE,SCA;DATE,1981,AUG 27 28;TIME,1930 1010;SAMPLE TYPE, NIGHT,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	34.000	WIND DIRECTION
2	110	8.300	WIND SPEED;MS-1
3	120	13.600	TEMPERATURE;DEG C
4	130	-0.300	DELTA T; DEG C
5	1000	0.019	;FLUORIDE;MYG M-3
6	1010	15.400	;NAPHTALENE,PAH;NG M-3
7	1020	13.100	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	9.300	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	5.000	;BIPHENYL,PAH;NG M-3
10	1050	3.900	;ACENAPHTENE,PAH;NG M-3
11	1060	5.700	;FLUORENE,PAH;NG M-3
12	1070	1.800	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	10.900	;PHENANTHRENE,PAH;NG M-3
14	1090	0.700	;ANTHRACENE,PAH;NG M-3
15	1100	0.100	;CARBAZOLE,PAH;NG M-3
16	1110	0.100	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.700	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	4.700	;FLUORANTHENE,PAH;NG M-3
19	1140	2.400	;PYRENE,PAH;NG M-3
20	1150	0.200	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.200	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.400	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	1.000	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.100	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.100	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.100	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.100	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.100	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.100	;CORONENE,PAH;NG M-3
34	2000	76.600	;TOTAL PAH;NG M-3

SAMPLE LINE 93
SA;KET1;C6332-2;SITE,SCA;DATE,1981,AUG 28;TIME,1030 2140;SAMPLE TYPE, DAY,PUR;*

34 VARIABLES:

VARIABLE	INDEX	VALUE	VARIABLE DESCRIPTION
1	100	3.000	WIND DIRECTION
2	110	6.800	WIND SPEED;MS-1
3	120	15.800	TEMPERATURE;DEG C
4	130	-0.400	DELTA T; DEG C
5	1000	0.022	;FLUORIDE;MYG M-3
6	1010	29.600	;NAPHTALENE,PAH;NG M-3
7	1020	14.000	;2-METHYL NAPHTALENE,PAH;NG M-3
8	1030	7.200	;1-METHYL NAPHTALENE,PAH;NG M-3
9	1040	4.800	;BIPHENYL,PAH;NG M-3
10	1050	14.100	;ACENAPHTENE,PAH;NG M-3
11	1060	12.900	;FLUORENE,PAH;NG M-3
12	1070	3.600	;DIBENZOTHIOPHENE,PAH;NG M-3
13	1080	17.950	;PHENANTHRENE,PAH;NG M-3
14	1090	0.000	;ANTHRACENE,PAH;NG M-3
15	1100	0.000	;CARBAZOLE,PAH;NG M-3
16	1110	0.000	;2-METHYL ANTHRACENE,PAH;NG M-3
17	1120	0.000	;1-METHYL PHENANTHRENE,PAH;NG M-3
18	1130	6.300	;FLUORANTHENE,PAH;NG M-3
19	1140	4.000	;PYRENE,PAH;NG M-3
20	1150	0.000	;BENZO A FLUORENE,PAH;NG M-3
21	1160	0.000	;BENZO B FLUORENE,PAH;NG M-3
22	1170	0.100	;BENZO A ANTHRACENE,PAH;NG M-3
23	1180	0.300	;CHRYSENE / TRIPHENYLENE,PAH;NG M-3
24	1190	0.900	;BENZO J / K / B FLUORANTHENE,PAH;NG M-3
25	1200	0.000	;BENZO GHI FLUORANTHENE,PAH;NG M-3
26	1210	0.100	;BENZO E PYRENE BEP,PAH;NG M-3
27	1220	0.100	;BENZO A PYRENE BAP,PAH;NG M-3
28	1230	0.000	;PERYLENE,PAH;NG M-3
29	1240	0.100	;O-PHENYLENE PYRENE,PAH;NG M-3
30	1250	0.000	;DIBENZO AC / AH ANTHRACENE,PAH;NG M-3
31	1260	0.100	;BENZO GHI PERYLENE,PAH;NG M-3
32	1270	0.000	;ANTHANTHRENE,PAH;NG M-3
33	1280	0.000	;CORONENE,PAH;NG M-3
34	2000	116.150	;TOTAL PAH;NG M-3

NORSK INSTITUTT FOR LUFTFORSKNING
(NORGES TEKNISK-NATURVITENSKAPELIGE FORSKNINGSRÅD)
POSTBOKS 130, 2001 LILLESTRØM
ELVEGT. 52.
TLF. (02) 71 41 70

RAPPORTTYPE Oppdragsrapport	RAPPORT NR. OR 40/82	ISBN--82-7247- 336-4
DATO SEPTEMBER 1982	ANSV.SIGN. B. Ottar	ANT. SIDER 203
TITTEL Polycyclic aromatic hydrocarbons in ambient air in Sundsvall, Sweden		PROSJEKTLEDER K.E.Thrane NILU PROSJEKT NR. 23580
FORFATTER(E) K. E. Thrane		TILGJENGELIGHET** A OPPDRAGSGIVERS REF.
OPPDRAGSGIVER Gränges Aluminium, Sverige		
3 STIKKORD (á maks. 20 anslag) PAH	Fluorider	Uteluft

REFERAT (maks. 300 anslag, 5-10 linjer)

Konsentrasjonen av fluorid og PAH er målt i uteluft i Sundsvall. De høyeste konsentrasjoner forekommer når vindretningen er fra Gränges Aluminium mot målestasjonene. Gjennomsnittskonsentrasjonene av PAH stemmer med de nivåer som er rapportert fra byer og tettbebyggelser i andre land. Den gjennomsnittlige fluoridkonsentrasjonen er lav. Beregning av bidraget fra Gränges Aluminium viser at fabrikken er ansvarlig for mer enn 50% av den PAH som er målt i dette området.

TITLE

ABSTRACT (max. 300 characters, 5-10 lines.

Concentrations of fluoride and PAH have been determined in ambient air in Sundsvall. The highest concentrations occur when the wind direction is from Gränges Aluminium to the monitoring stations. The average concentrations of PAH agree with the levels reported from large urban areas in other countries. The average fluoride concentration is low. Estimates of the contribution from Gränges Aluminium show that the plant is responsible for more than 50% of the PAH measured in the area.

**Kategorier: Åpen - kan bestilles fra NILU A
Må bestilles gjennom oppdragsgiver B
Kan ikke utleveres C