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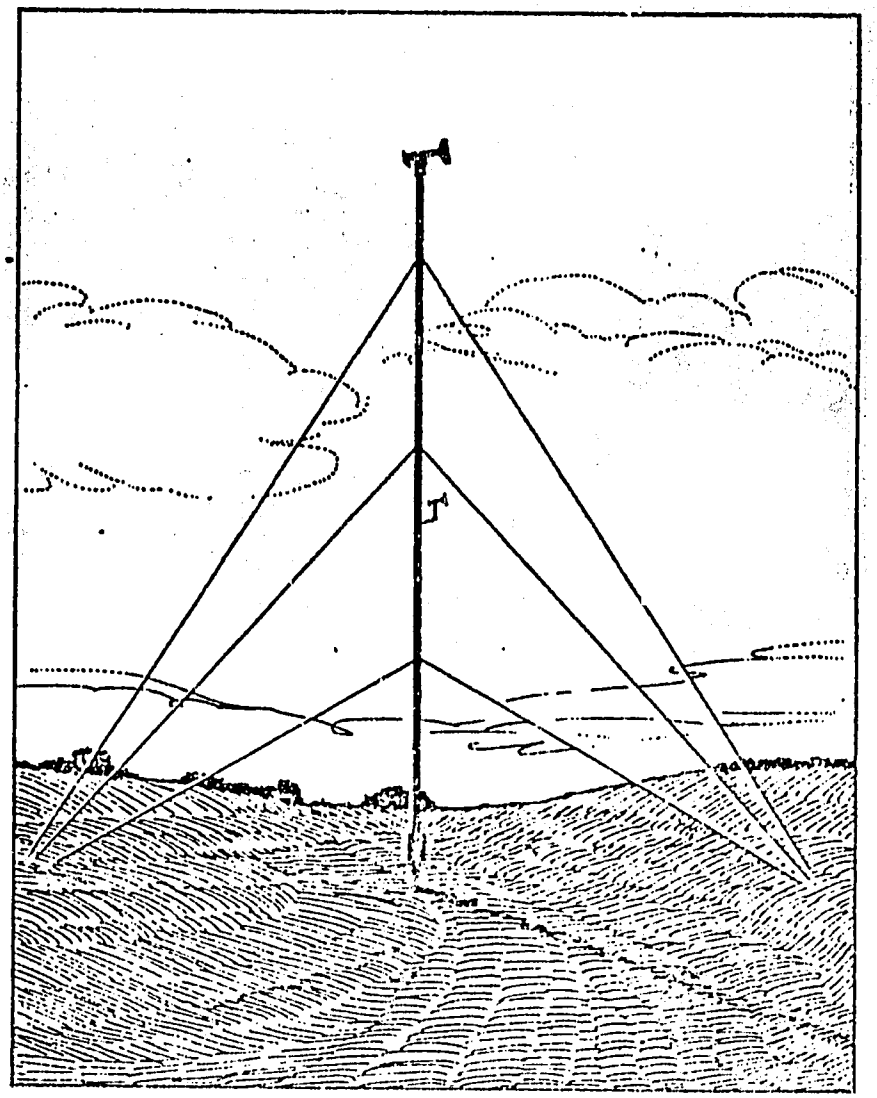
Egyptian Wind Resource Assessment Project

Analysis of One Year of Wind Measurement Activities in Egypt April 1985 - March 1986



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Battelle
Pacific Northwest Laboratories

EGYPTIAN WIND RESOURCE ASSESSMENT PROGRAM

ANALYSIS OF ONE YEAR OF WIND MEASUREMENT ACTIVITIES IN EGYPT

01 SEP 1987

APRIL 1985 - MARCH 1986

Prepared for

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U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT
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1.0 INTRODUCTION

In the spring of 1985, personnel from the Egyptian Electricity Authority (EEA) and Battelle, Pacific Northwest Laboratories (Battelle-Northwest) installed wind measuring equipment at six locations in Egypt. The measurements made were in support of the Egyptian Renewable Energy Field Test Program, which is sponsored by the Government of Egypt and the U. S. Agency for International Development (USAID), Cairo. The wind data are being used to evaluate candidate sites for testing wind-energy applications as part of this renewable energy program.

This report presents a one-year summary of the wind speed and direction data collected at these six sites, as well as information on the wind energy flux at the sites. Pertinent station information is summarized in Table 1.1, and station locations are shown in Figure 1.1.

At each station, wind speed and direction data from an R. M. Young[a] Model 5103 anemometer were recorded and preprocessed on a Second Wind[b] AL2000S or AL2002S data logger. Wind speed was sampled once every 2 seconds, and averaged over a 1-hour period. These 1-hour averages were stored on a 4K EPROM data chip. At the end of each month, a summary of wind statistics was compiled and stored on the data chip. Data for up to 5 months could be stored on this chip in a single-level (AL2000S) system and for 2 months in a two-level (AL2002S) system. The data chips were removed from the loggers periodically.

TABLE 1.1. Pertinent Information on the Six Wind Measuring Sites in Egypt

Station Name	Location	Anemometer Height (m)	Date (and Time) Data Collection Started
Red Sea			
Ras Ghareb	2821'N, 3306'E	10, 20	28 March (15:22)
Hurghada	2717'N, 3347'E	10	25 March (15:40)
Ras Gollan	2417'N, 3518'E	10	27 March (07:32)
Mediterranean			
Ras el Hekma	3108'N, 2750'E	10, 20	2 April (17:47)
El Kasr	3121'N, 2710'E	10	2 April (10:26)
El Obayed	3124'N, 2703'E	10	1 April (08:03)

(a) R. M. Young, Inc., 2801 Aero-Park Drive, Traverse City, MI 49684
(b) Second Wind, Inc., 7 Davis Square, Sommerville, MA 02144

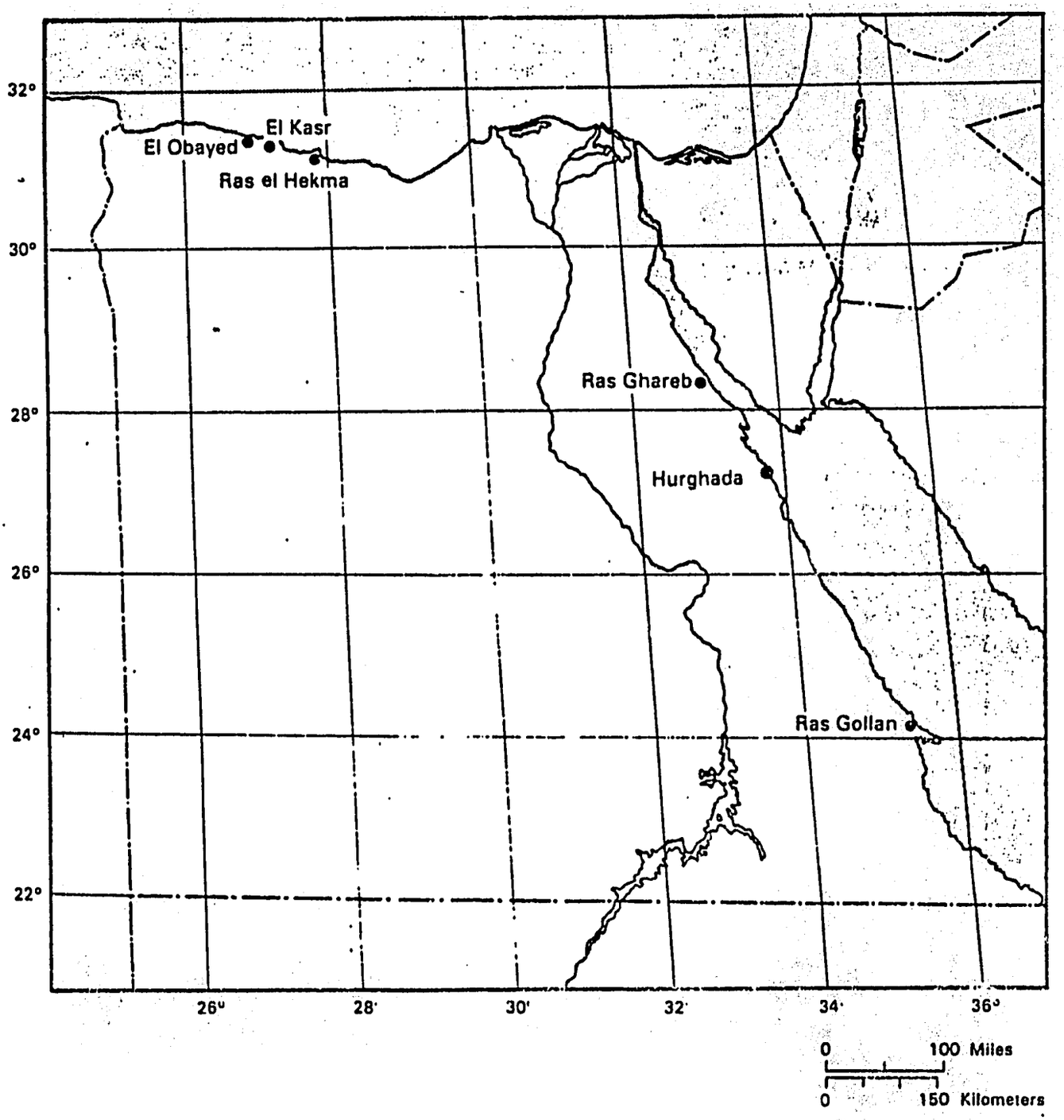

FIGURE 1.1. Locations of Data Collection Sites

The information contained on the chips was transferred to an IBM/PC™ diskette in a file compatible with Lotus 1,2,3™. This data base made it possible to prepare diurnal, seasonal, and annual data summaries as presented in this report.

Wind speed units were recorded on the data chip in miles per hour (mph). After the data were transferred to the Lotus format, the wind speeds were converted to meters per second (m/s).

The data summaries begin in Section 2.0 with an overall summary of wind statistics obtained from the six sites during the 12-month recording period (April 1985 - March 1986). Individual site descriptions and data on diurnal and monthly wind speed, power flux, and frequency distributions are provided in subsection 3.1 for the Red Sea sites and in 3.2 for the Mediterranean sites. Section 4.0 presents vertical wind shear data obtained at the 20-m tower sites at Ras Ghareb and Ras el Hekma. A comparison of the actual and the Rayleigh frequency distributions is shown in Section 5.0. The Rayleigh distribution is commonly used to approximate the actual wind speed distribution for wind energy analysis. Conclusions regarding the twelve months of data collection are summarized in Section 6.0.

As well as presenting tables of data summaries, the following sections present plots of diurnal wind speed distributions, frequency distributions of wind speed, joint wind speed/wind direction frequency distributions, and vertical wind shear characteristics. The diurnal wind speed plots also include information on the maximum hourly average wind speed and on the standard deviations of the hourly averages for the reporting period. The frequency distributions are given in two formats: one with the total number of hours in each wind speed class and one with the percentage of total hours in each wind speed class.

Recovery rates less than 100 percent, as indicated in some tables, represent data loss. Some data were lost during normal chip changes; additional data could be lost if the chip was filled to maximum capacity before being changed. In addition, there were two major losses of data. One loss occurred when the tower at Ras el Hekma failed in October 1985, resulting in a loss of data until November 15, 1985 (prior to the tower failure, the chip had reached maximum data capacity on September 13, so that serial data were lost from that time on). A second failure occurred at El Kasr, when the data system ceased to operate early in January 1986. Because of the site's proximity to El Obayed, EEA and Battelle-Northwest decided to terminate measurements at El Kasr. Tables 3.2 and 3.4 show the actual number of hours that data were collected and that were used in preparing this report.

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At the time of this writing (September 1986), data collection is continuing at the following sites: Ras Ghareb, Hurghada, Ras el Hekma, and El Obayed. Measurements at Ras Gollan were terminated in August 1986. The EEA maintains an active interest in assessing Egypt's wind resource, and in August 1986, EEA and Battelle-Northwest personnel installed additional 10-m and 30-m towers along the Red Sea and Mediterranean coastlines.

2.0 SUMMARY INFORMATION

Table 2.1 summarizes pertinent wind characteristics for the three Red Sea and the three Mediterranean sites. The data recovery rate listed is the percentage of hourly data available for the reporting period (April 1984 - March 1986). The mean wind speed represents the average of all hourly values collected during these periods.

TABLE 2.1. Summary of Wind Characteristics for the Six Sites

	Sensor Height (m)	Recovery Rate[a] (%)	Average Velocity (m/s, std)		Power Flux (W/m^2)	Peak Gust (m/s) Date/Time (LST)	Longest Lull Length (hr) Ending Date/ Time (LST)
Red Sea (April 1985-March 1986)							
Ras Ghareb	10	98.6	8.2	3.1	481	21.9 28-2/09:02	17 7-5/11:20
Ras Ghareb	20	98.6	8.7	3.1	548	22.1 2-3/03:35	14 7-5/11:23
Hurghada	10	99.9	6.2	2.6	231	21.9 9-2/03:50	11 8-5/14:05
Ras Gollan	10	99.7	5.2	2.5	149	21.7 11-5/18:44	16[b] 2-1/07:37
Mediterranean (April 1985-March 1986)							
Ras el Hekma	10	75.4	4.9	2.3	123	26.2 21-5/15:14	19 21-11/12:29
Ras el Hekma	20	75.4	5.7	2.3	174	30.2 22-5/06:03	15[c] 11-2/09:36
El Kasr	10	74.7	4.9	2.1	114	24.4 22-5/06:54	22 19-5/19:22
El Obayed	10	99.8	5.4	2.4	154	29.3 22-5/07:11	20 5-12/14:38

(a) Recovery rate based on number of hours of recorded hourly averages.
(b) 16-hour lull also recorded in July 1985.
(c) 15-hour lull also recorded in December 1985.

The power flux is calculated from:

$$P = \frac{1}{2} \rho \sum_{o}^{n} V^3 / n \qquad (2.1)$$

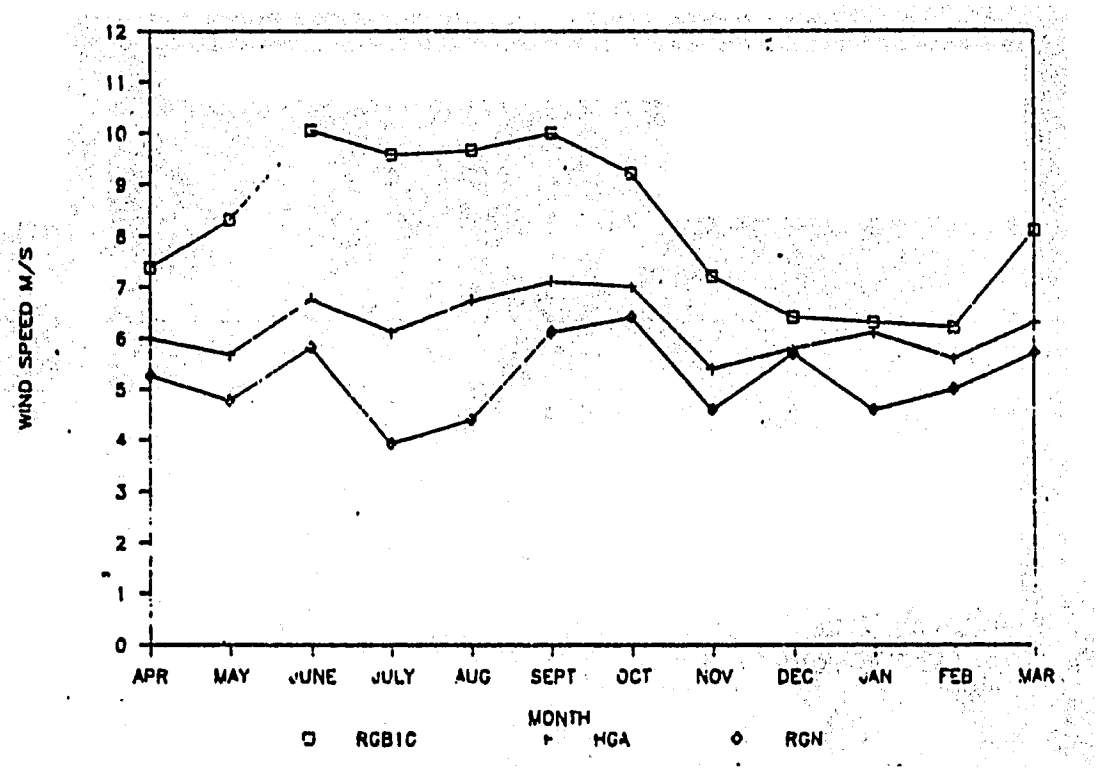
where P = power flux in W/m^2
ρ = atmospheric density in kg/m^3
V = the hourly wind speed in m/s
n = the number of hourly values during the reporting period

An atmospheric density of 1.225 kg/m3 is used for all power flux calculations in this report. This value corresponds to the atmospheric density at sea level for an air temperature of 22.2°C.

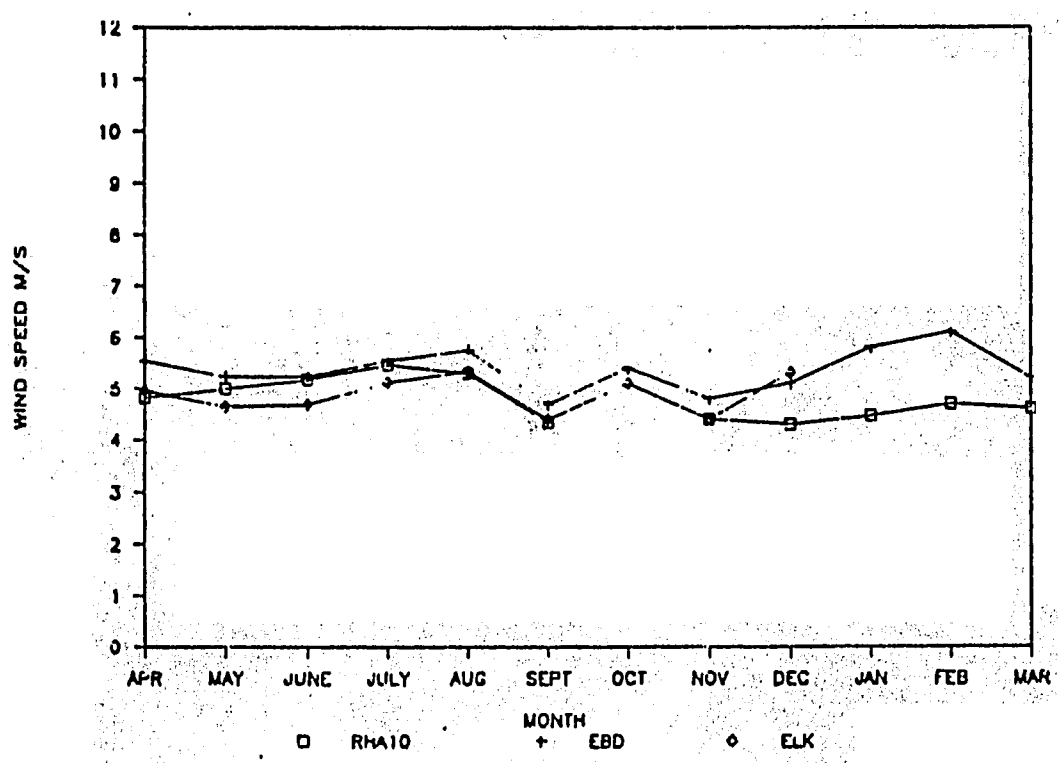
Peak gust is the maximum 2-second value sampled by the data logger during the reporting period. The date and time of this maximum value are indicated in the table. All times shown are Local Standard Time (LST).

The longest lull is the longest period of consecutive 1-minute values (representing an average of 2-second values) during which the wind speed did not exceed 2.7 m/s. The date and time at which the longest lull ended are shown in the table.

Figure 2.1 shows the mean monthly wind speeds for the three Red Sea sites (2.1a) and the three Mediterranean sites (2.1b), respectively. The mean hourly wind speeds for each hour of the day, averaged over the entire measurement period, are shown for the three Red Sea and three Mediterranean sites in Figure 2.2, parts a and b, respectively.

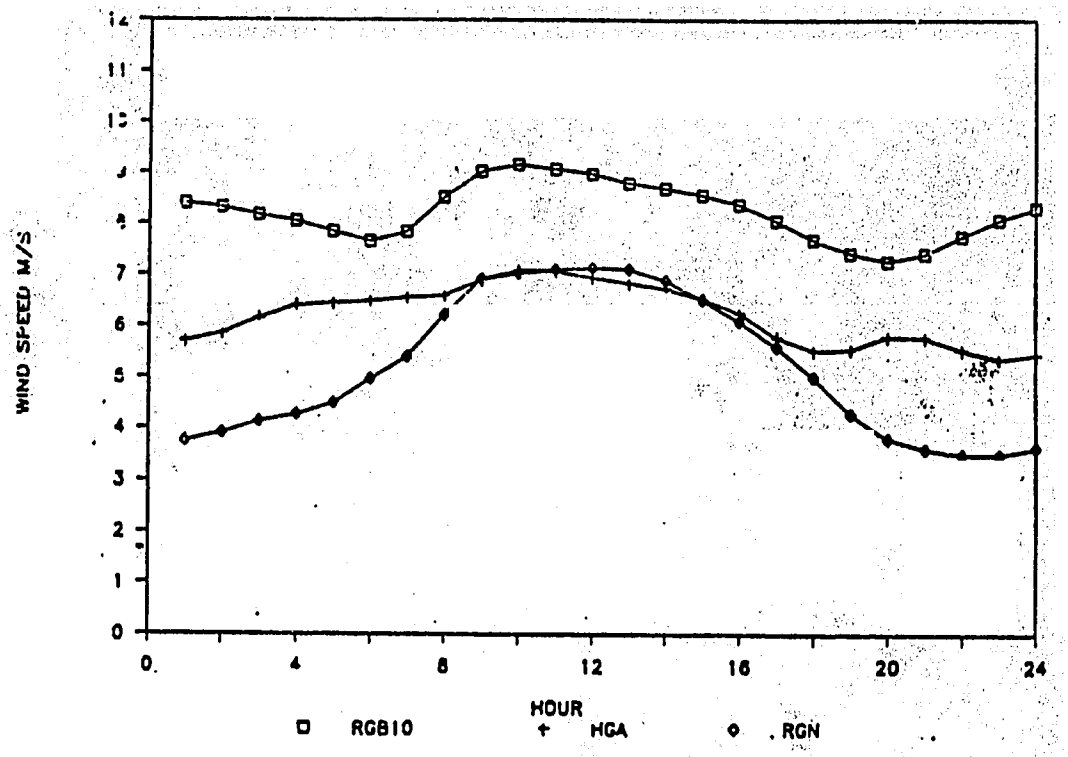


a)



b)

FIGURE 2.1. Monthly Average Wind Speed, April 1985 - March 1986. a) Red Sea Sites, b) Mediterranean Sites



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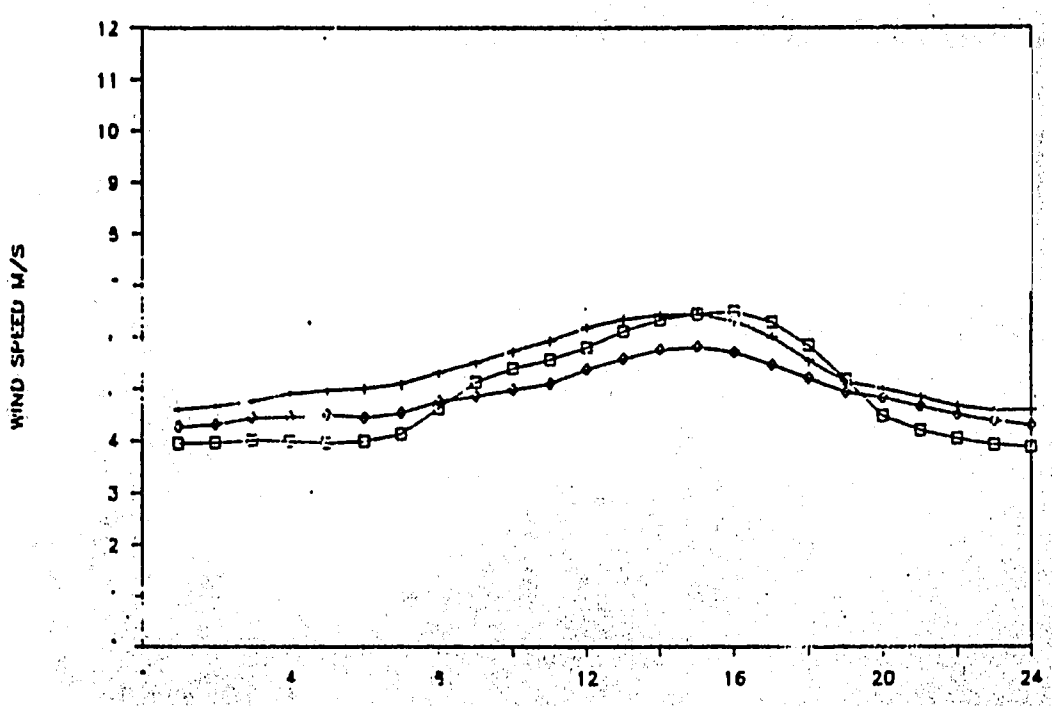


b)

FIGURE 2.2. Hourly Average Wind Speed, April 1985 - March 1986. a) Red Sea Sites, b) Mediterranean Sites

3.0 REGIONAL WIND RESOURCE ANALYSES

This chapter describes separately the data collected from the Red Sea (Section 3.1) and the Mediterranean (Section 3.2) sites.

3.1 RED SEA REGION

The following information is presented for each station in the Red Sea region during the 12-month period April 1985 - March 1986:

- A brief description of the site and the data collection program
- A table (two tables for two-level sites) showing the monthly wind statistics and power flux
- A figure (two figures for two-level sites) showing the hourly average wind speeds, and the standard deviation of these hourly averages
- A figure showing the monthly power flux values
- A table (two tables for two-level sites) showing the wind speed frequency distribution
- Figures of the wind speed frequency distribution by percent of time for each measuring level
- Figures of the cumulative wind speed frequency distribution by percent of time for each measuring level
- A table showing the joint wind speed and direction frequency distribution at the 10-m level
- Figures of the joint wind speed and direction frequency distribution at the 10-m level by percent of time for the entire measuring period and for each of the four seasons of the year

3.1.1 Ras Ghareb

Ras Ghareb is a relatively flat coastal community along the west shore of the Gulf of Suez. The primary industry is oil and natural gas drilling. The Gulf is only 25 km wide at this point. The South Galala mountain range, with peaks exceeding 1000 m in height, runs parallel to the coastline, which is oriented northwest-southeast, and is approximately 40 km to the west. In addition, a mountain range running parallel to the coastline on the Sinai Peninsula to the east has peaks exceeding 2000 m in height. This range is approximately 70 km from Ras Ghareb, and is often visible from the town.

The tower is located in a small saddle on the crest of an east-west ridgeline approximately 2 km southeast of the town. The site consists of bare sand. The tower is well exposed in all directions.

Tables 3.1 and 3.2 show the monthly wind statistics, which indicate that the site has an excellent wind resource throughout the year, with only moderate gustiness and very few lengthy lulls. The average hourly wind speeds are shown in Figure 3.1 for the two levels, along with the standard deviation of the hourly values. Average wind speeds exceed 8 m/s at each level, indicating that the site has an excellent wind resource. The figure shows that highest winds occur shortly after sunrise, with a secondary peak around midnight. The average diurnal range is very low, which would be expected for a coastal site. The plot of monthly power flux values shown in Figure 3.2 indicates that the site has a distinct summertime maximum wind resource, but also that it has a favorable resource throughout the remainder of the year.

The tower experienced considerable corrosion during the measurement period. The corrosion is attributed to salt from the Gulf of Suez as well as pollutants from the oil and gas drilling operations. However, Tables 3.1 and 3.2 show that data recovery rates were very high; the only losses were due to data overloads in the chips.

Tables 3.3 and 3.4 show the monthly wind speed frequency distributions at the 10-m and 20-m levels, respectively. Over 55% of all hourly wind speeds exceed 8 m/s at the 10-m level, and over 61% at the 20-m level. A value of 8 m/s is sufficiently high for most wind machines to operate at their rated capacity. This unique wind resource characteristic is further illustrated in the frequency distributions (Figure 3.3) and in the cumulative frequency distribution plots (Figure 3.4).

Table 3.5 gives the annual joint frequency distribution of wind speed and direction, showing that winds at the site are predominantly from the north and northwest. In particular, most power-producing winds are from the northwest. This is shown graphically in Figure 3.5. Figures 3.6 and 3.7 show the joint frequency distribution by season, indicating that although the predominant northerly wind directions occur throughout the year, there is more directional variability during the lower wind season of winter than the high wind season of summer.

TABLE 3.1. Monthly Wind Statistics for Ras Ghareb 10 m

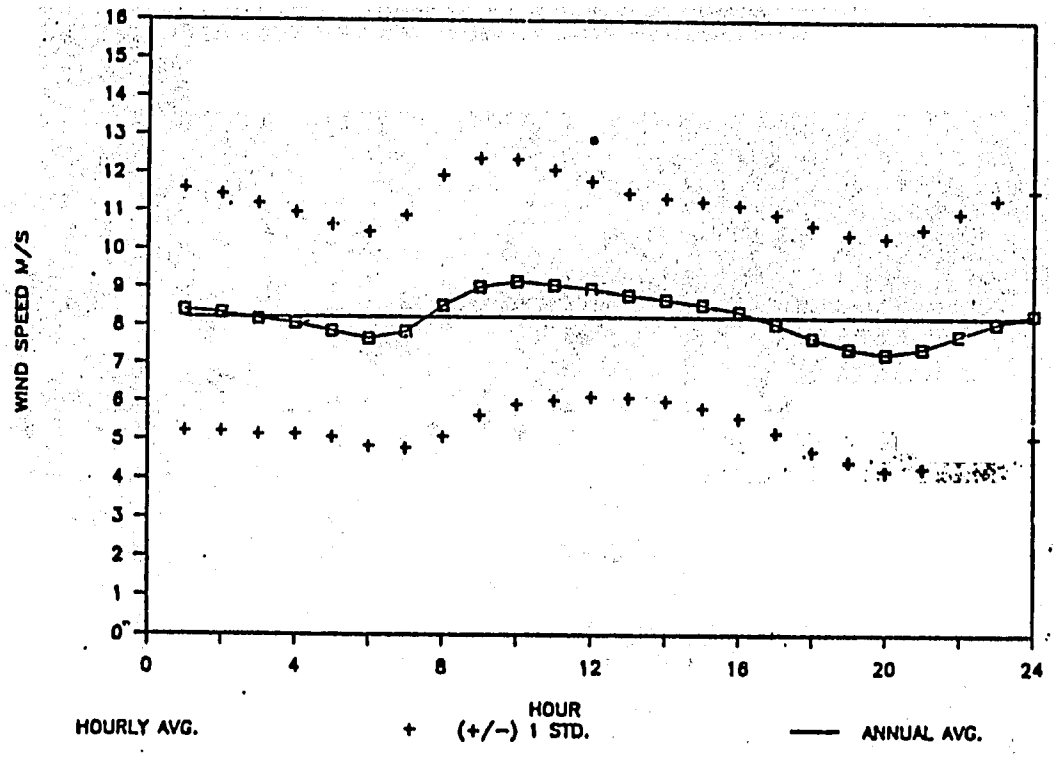
	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a] Speed (m/s)	Peak Wind[a] Occurring at (date/time)	Longest Lull[b] Length (hr)	Longest Lull[b] Ending at (date/time)	Data Recovery Rate Hourly %	Data Recovery Rate Summarized %
APR	7.4	377	20.3	10/11:14	11	17/06:33	100	100
MAY	8.3	489	19.7	12/22:40	17	7/11:20	100	100
JUN	10.0	730	19.9	26/23:32	3	2/23:40	100	100
JUL	9.6	621	18.3	28/22:19	3	21/23:08	100	100
AUG	9.7	640	19.9	25/07:47	0		95	100
SEP	10.0	733	19.9	11/09:36	2	22/21:42	100	100
OCT	9.2	586	19.9	3/16:49	0[c]		94	100
NOV	7.2	321	18.3	30/07:35	3[d]	30/07:35	100	100
DEC	6.4	280	19.9	1/16:35	9	13/23:36	100	100
JAN	6.3	254	19.2	19/21:04	8	25/01:32	95	100
FEB	6.2	256	21.9	28/09:02	12	17/05:45	100	100
MAR	8.1	468	21.2	2/03:35	5	22/05:22	100	100
Annual	8.2	481	21.9		17		98.6	99.9

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.
(c) Based on summarized data from the first 252 hours of October.
(d) Based on summarized data from the last 441 hours of November.

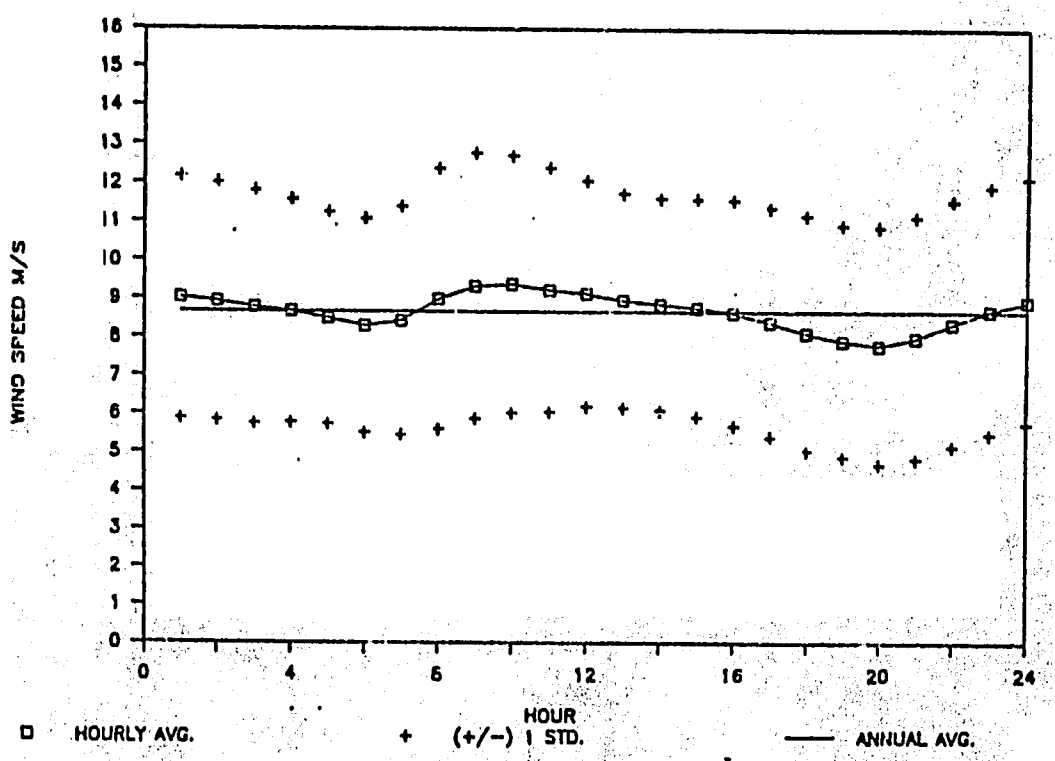
TABLE 3.2. Monthly Wind Statistics for Ras Ghareb 20 m

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a]		Longest Lull[b]		Data Recovery Rate	
			Speed (m/s)	Occurring at (date/time)	Length (hr)	Ending at (date/time)	Hourly %	Summarized %
APR	7.8	426	20.3	10/11:14	6	17/10:35	100	100
MAY	8.7	559	20.3	3/06:19	14	7/11:23	100	100
JUN	10.5	828	20.3	11/07:25	3	2/23:19	100	100
JUL	10.0	696	19.0	28/22:44	3	21/23:25	100	100
AUG	10.4	717	19.9	25/08:15	0		95	100
SEP	10.4	823	20.8	18/16:45	0		100	100
OCT	9.7	671	20.1	2/17:14	0[c]		94	100
NOV	7.7	378	17.9	30/21:41	1[d]	24/14:52	100	100
DEC	6.9	331	19.9	1/16:54	7	31/23:59	100	100
JAN	6.8	303	19.4	20/03:41	5	24/23:03	95	100
FEB	6.7	300	21.7	28/10:54	6	8/05:12	100	100
MAR	8.6	531	22.1	2/03:35	5	22/05:41	100	100
Annual	8.7	548	22.1		14		98.6	99.9

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.
(c) Based on summarized data from the first 252 hours of October.
(d) Based on summarized data from the last 441 hours of November.



a)



b)

FIGURE 3.1. Hourly Average Wind Speed at Ras Ghareb, April 1985 - March 1986 a) 10 m AGL, b) 20 m AGL.

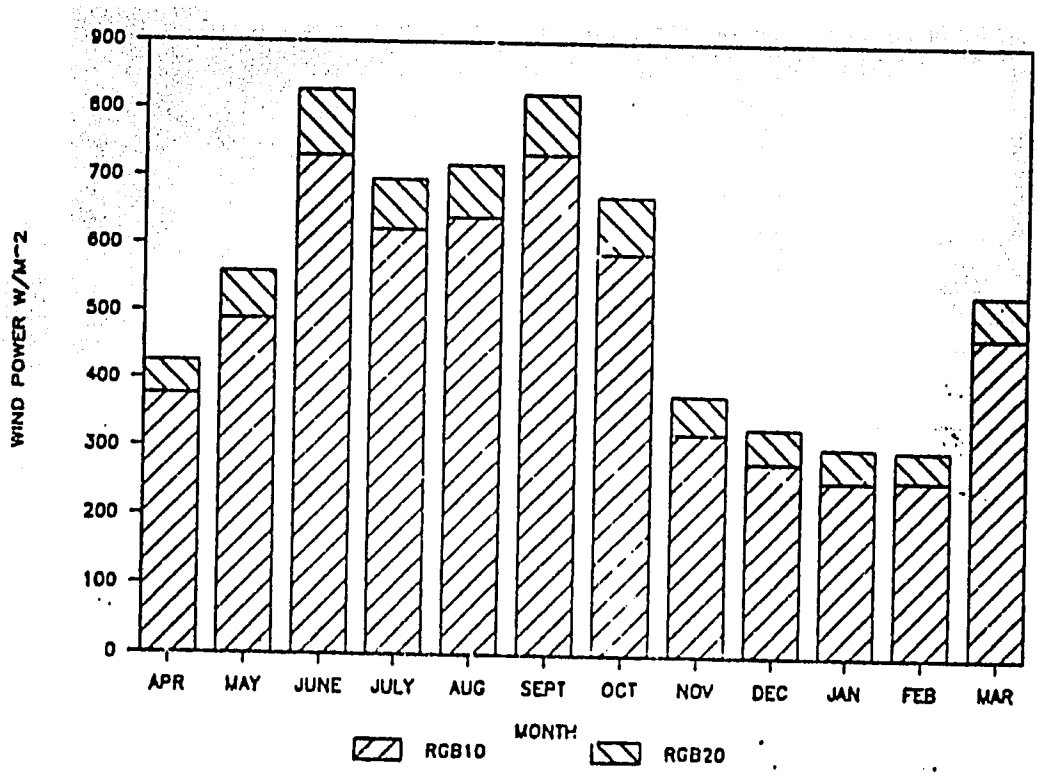


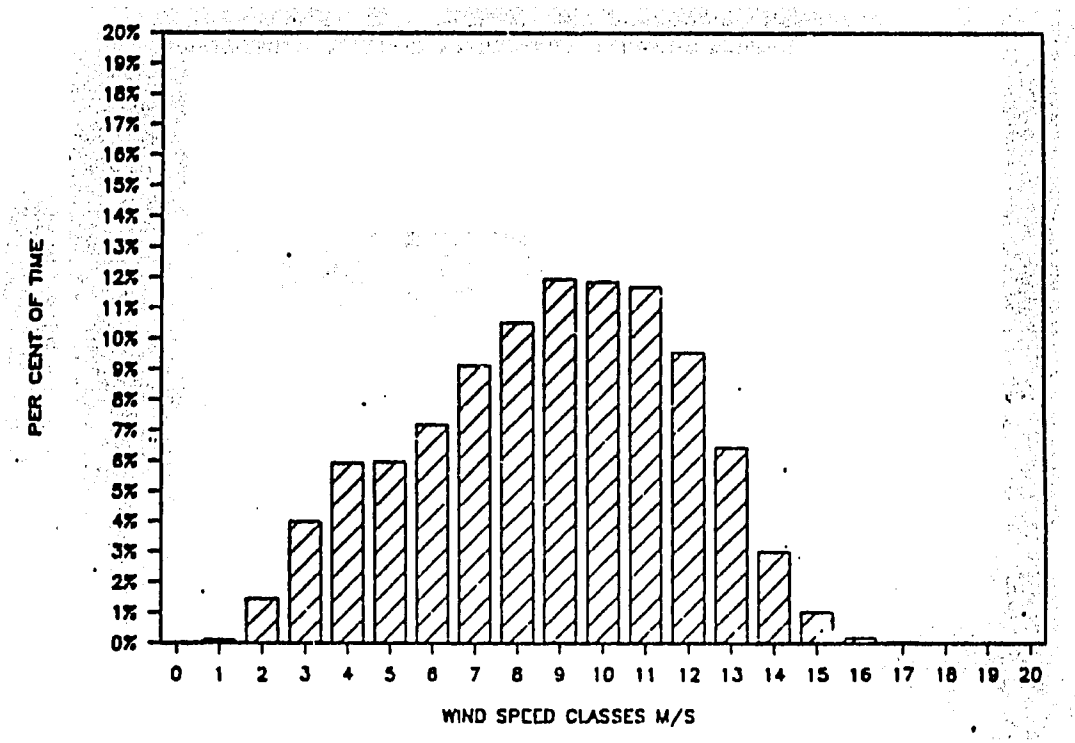
FIGURE 3.2. Monthly Power Flux, in W/m^2, at Ras Ghareb

TABLE 3.3. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Ras Ghareb 10 m

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0-1	0	2	1	0	0	0	0	1	2	0	4	0	10	0.1	0.1
1-2	18	25	6	2	0	0	3	4	14	12	24	18	126	1.5	1.6
2-3	42	30	7	5	0	5	15	33	56	68	49	35	345	4.0	5.6
3-4	42	38	5	9	0	3	14	55	109	111	91	35	512	5.9	11.5
4-5	65	41	12	8	9	7	16	64	95	71	92	36	516	6.0	17.5
5-6	77	39	14	22	23	13	32	89	108	81	75	47	620	7.2	24.7
6-7	76	48	22	43	35	52	73	95	93	96	85	69	787	9.1	33.8
7-8	84	55	51	71	82	89	72	83	80	78	72	91	908	10.5	44.3
8-9	84	88	70	95	121	90	78	111	55	62	66	111	1031	11.9	56.2
9-10	71	109	108	122	132	80	92	81	22	55	47	104	1023	11.8	68.0
10-11	69	128	125	146	122	106	112	51	23	25	30	72	1009	11.7	79.7
11-12	49	78	142	145	82	93	85	26	32	21	13	58	824	9.5	89.2
12-13	22	49	111	61	43	99	75	14	35	12	6	29	556	6.4	95.6
13-14	14	8	37	15	38	52	28	12	15	13	8	19	259	3.0	98.6
14-15	7	5	7	0	19	26	3	0	5	2	6	9	89	1.0	99.6
15-16	0	0	0	0	0	5	0	0	0	0	2	9	16	0.2	99.8
16-17	0	0	0	0	0	0	0	0	0	0	2	1	3	0	100.0
17-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	720	743	718	744	706	720	698	719	744	707	672	743	8634	100%	

TABLE 3.4. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Ras Ghareb 20 m

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0-1	0	3	1	0	0	0	0	0	3	0	7	1	15	0.2	0.2
1-2	12	20	6	1	0	0	1	2	8	8	15	9	82	0.9	1.1
2-3	30	28	3	4	0	1	9	18	43	37	33	27	233	2.7	3.8
3-4	40	37	5	8	0	7	12	48	62	77	61	33	390	4.5	8.3
4-5	56	32	11	7	4	5	16	58	107	104	89	43	532	6.2	14.5
5-6	75	38	13	15	18	10	21	70	99	82	91	32	564	6.5	21.0
6-7	77	45	19	32	29	24	57	101	114	77	94	65	734	8.5	29.5
7-8	78	45	37	63	59	82	73	85	84	85	70	80	841	9.7	39.2
8-9	89	74	58	85	113	91	79	97	68	86	69	104	1013	11.7	50.9
9-10	78	99	93	120	124	79	82	100	39	56	56	106	1032	12.0	62.9
10-11	73	127	125	135	129	93	101	68	18	36	34	94	1033	12.0	74.9
11-12	51	102	125	147	97	114	100	36	28	21	27	62	910	10.5	85.4
12-13	27	64	122	85	63	91	91	19	35	18	7	36	658	7.6	93.0
13-14	23	22	81	38	36	71	40	11	23	9	4	27	385	4.5	97.5
14-15	10	4	18	4	30	40	16	6	10	11	9	10	168	2.0	99.5
15-16	1	3	1	0	4	12	0	0	3	0	3	9	36	0.4	99.9
16-17	0	0	0	0	0	0	0	0	0	0	2	5	7	0.1	100.0
17-18	0	0	0	0	0	0	0	0	0	0	1	0	1	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	720	743	718	744	706	720	698	719	744	707	672	743	8634	100%	



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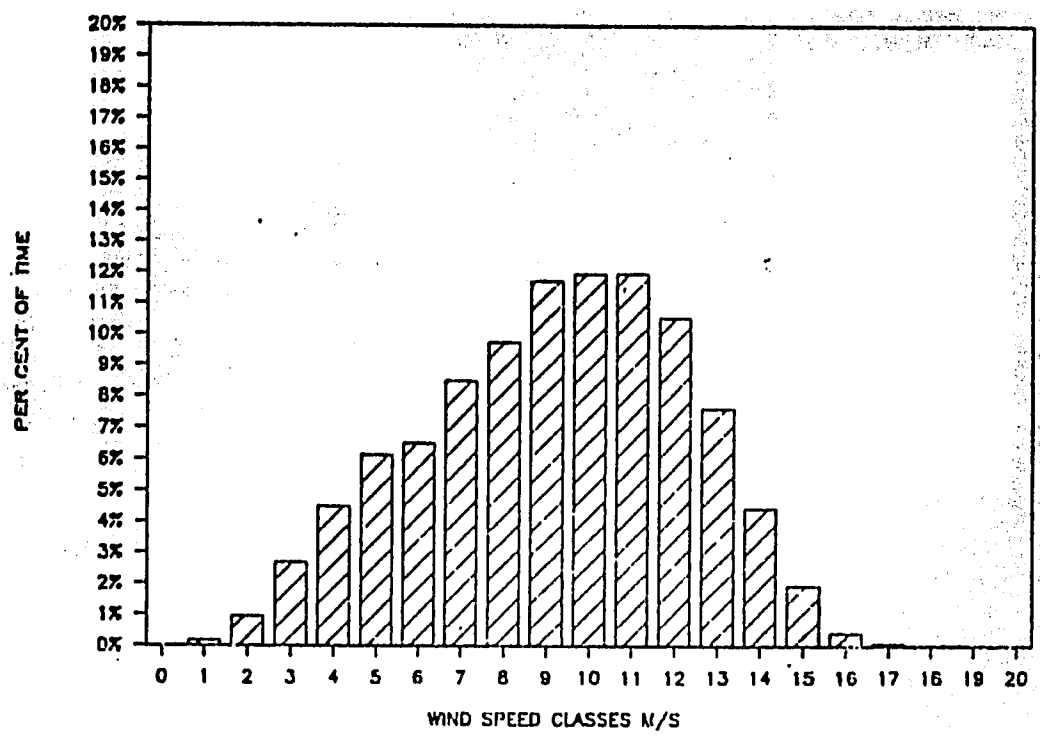
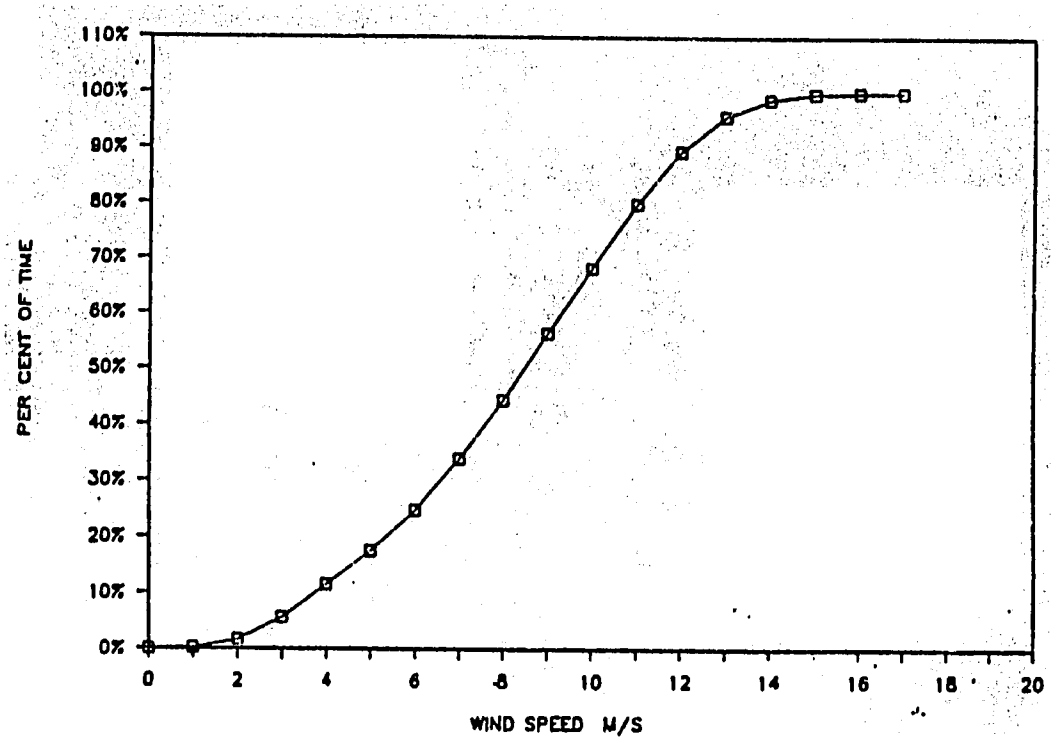


b)

FIGURE 3.3. Frequency Distribution for Wind Speed by Percentage of Time at Ras Ghareb, April 1985 - March 1986. a) 10 m AGL, b) 20 m AGL



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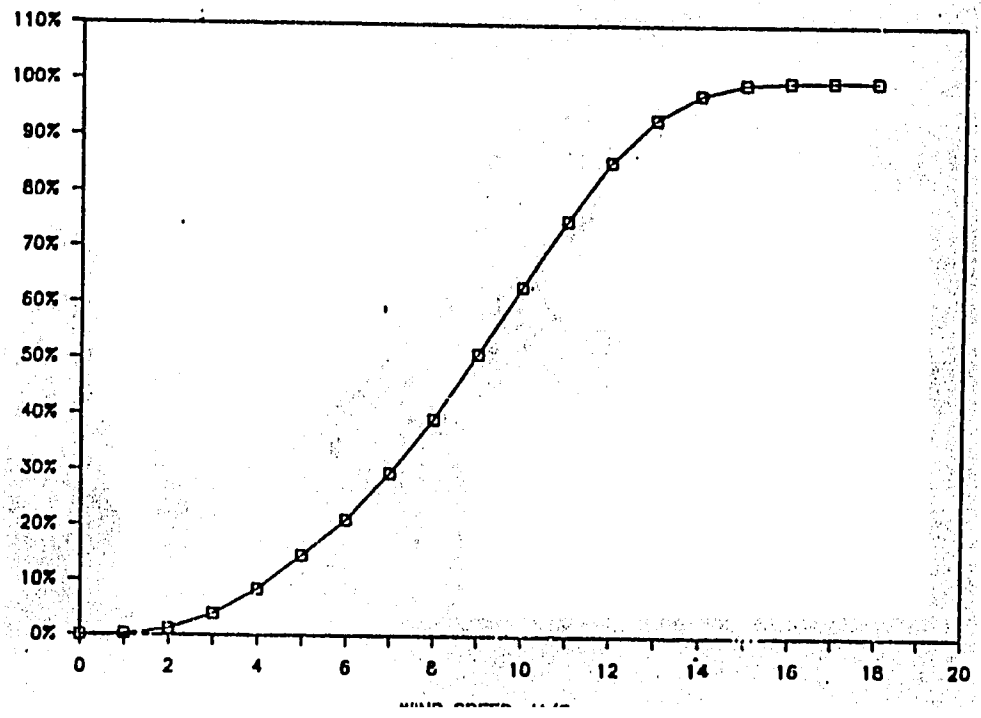


b)

FIGURE 3.4. Cumulative Frequency Distribution for Wind Speed by Percentage of Time at Ras Ghareb, April 1985 - March 1986. a) 10 m AGL, b) 20 m AGL

TABLE 3.5. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: Ras Ghareb 10 m, April 1985 - March 1986

a.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	41	25	485	367	275	58	54	62
5.4-8.0	18	11	129	1264	634	19	28	94
8.0-10.7	5	5	29	1909	706	2	1	47
10.7->>	1	1	6	1659	423	0	0	25
Total	65	42	649	5199	2038	79	83	228

Wind speed less than 2.7 m/s was recorded for 371 hours, for a total of 8754 hours of data.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	0.5	0.3	5.5	4.2	3.1	0.7	0.6	0.7
5.4-8.0	0.2	0.1	1.5	14.4	7.2	0.2	0.3	1.1
8.0-10.7	0.1	0.1	0.3	21.8	8.1	0.0	0.0	0.5
10.7->>	0.0	0.0	0.1	19.0	4.8	0.0	0.0	0.3
Total	0.7	0.5	7.4	59.4	23.3	0.9	0.9	2.6

Wind speed less than 2.7 m/s was recorded for 4.2% of the total hours.

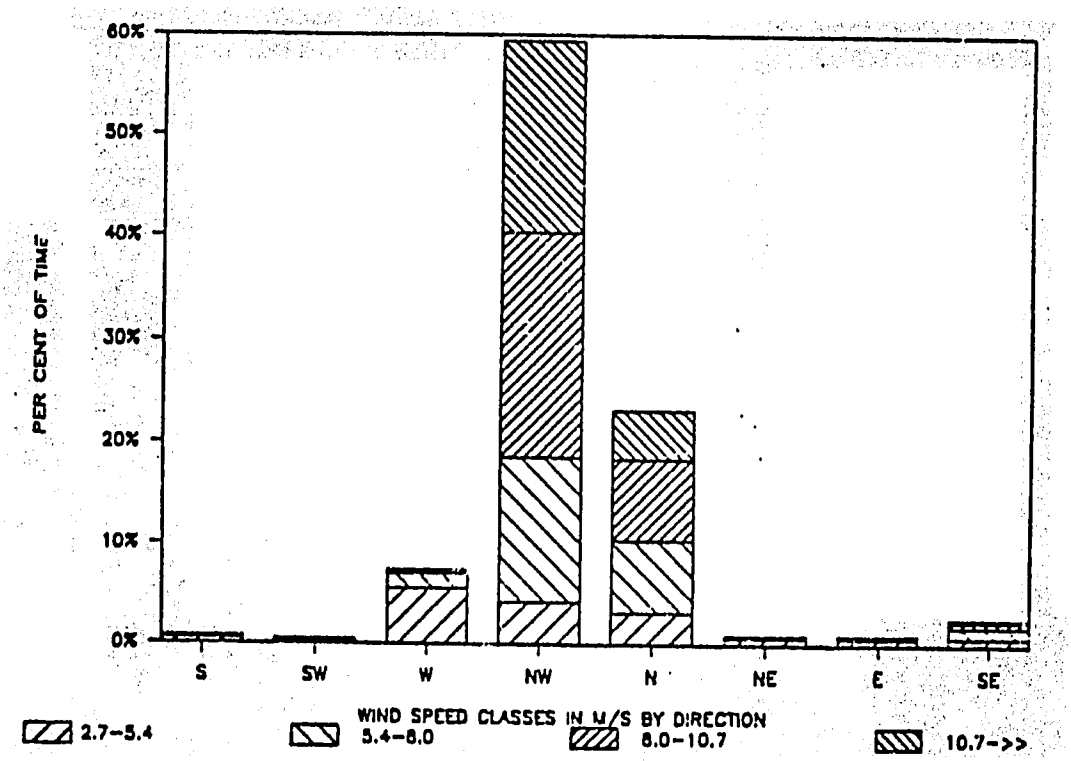
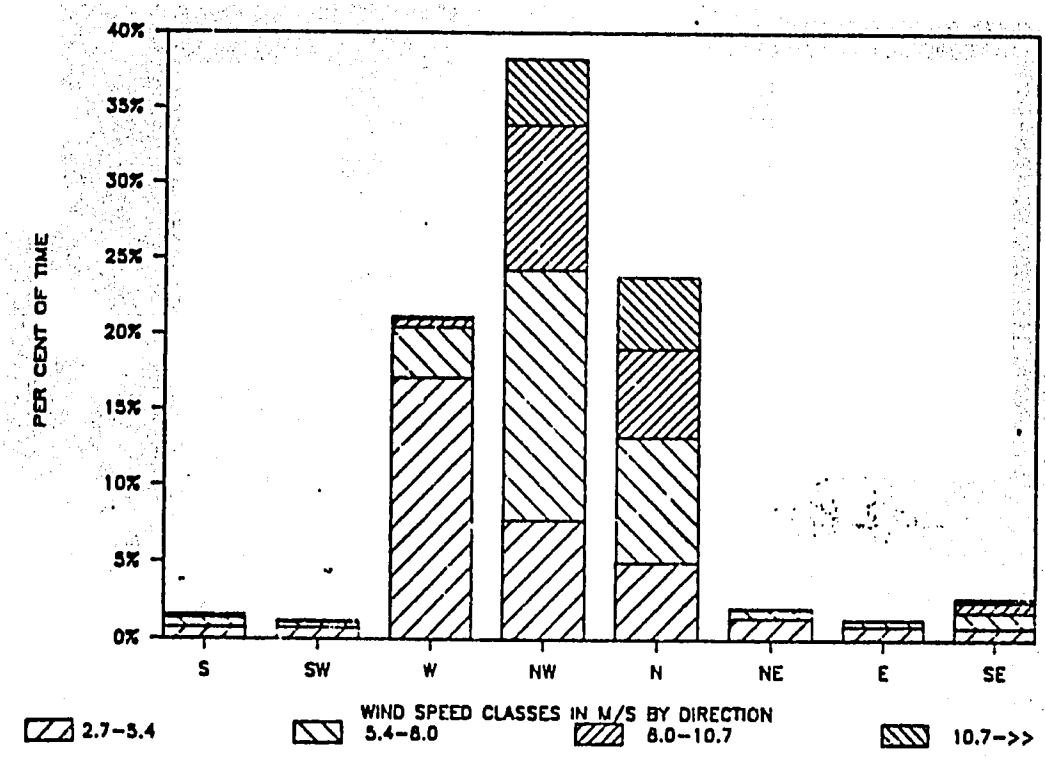
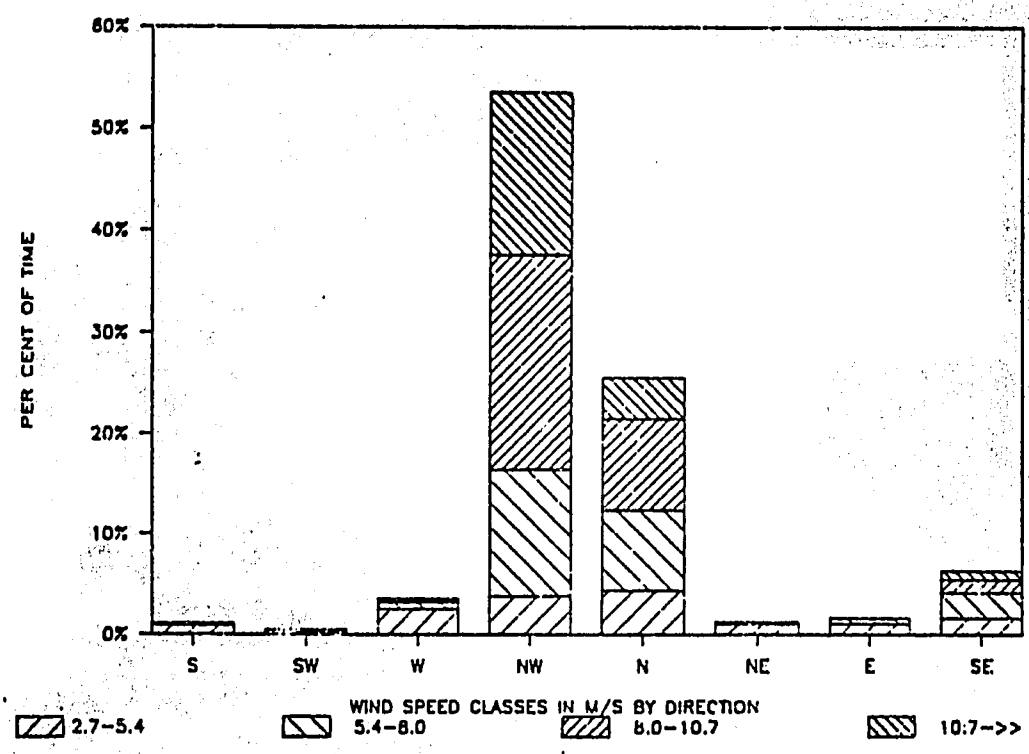


FIGURE 3.5. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Ras Ghareb, 10 m AGL, April 1985 - March 1986

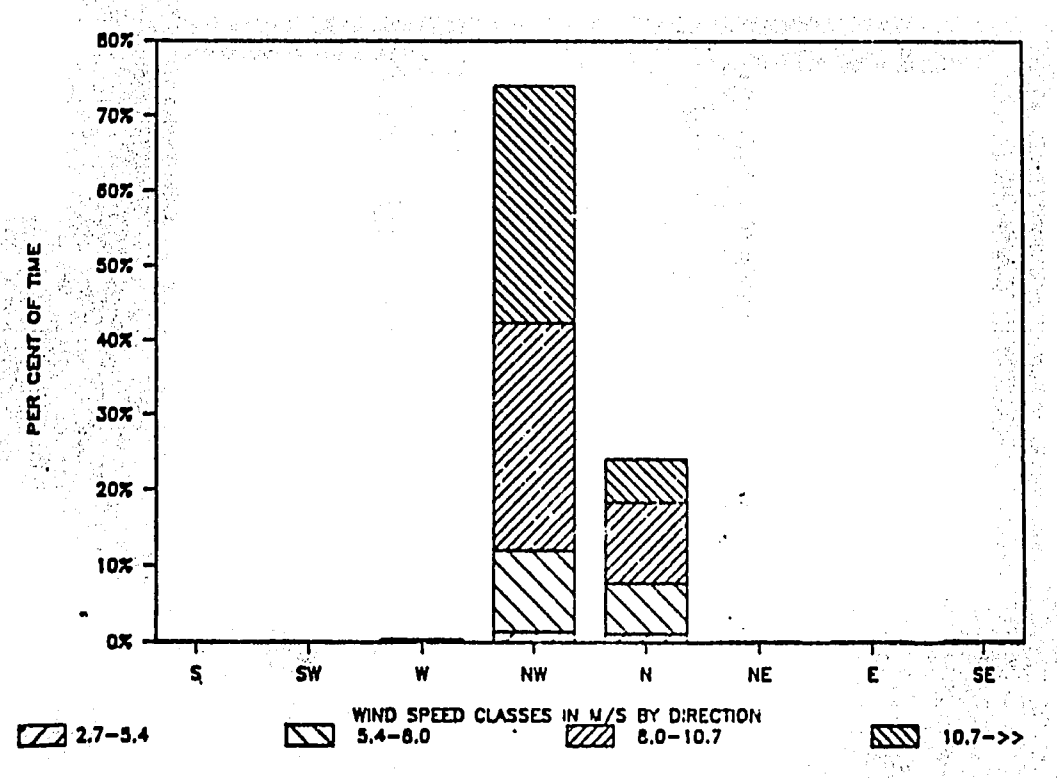


a)

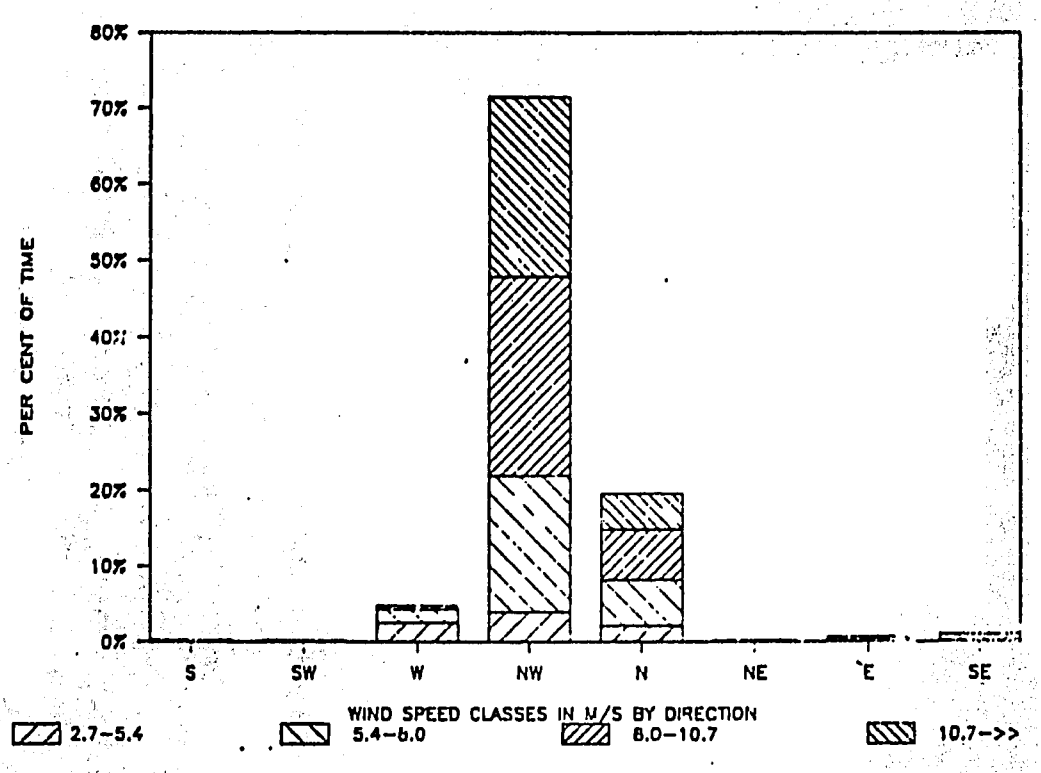


b)

FIGURE 3.6. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Ras Ghareb 10 m AGL, a) December 1985 - February 1986, b) March 1986 and April-May 1985



a)



b)

FIGURE 3.7. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Ras Ghareb, 10 m AGL, a) June - August 1985, b) September - November 1985

3.1.2 Hurghada

Hurghada is a flat, coastal community at the northern end of the Red Sea. The town is developing into a popular tourist area. The coastal range is approximately 40 km to the east and contains mountains exceeding 2000 m in height. There is a cluster of flat barren islands immediately offshore.

The tower is located approximately 8 km northwest of the town and 0.5 km immediately southeast of the Marine Institute (the coastline runs northwest-southeast at the tower location). The tower is approximately 100 m inland from the Red Sea. The site is flat and well exposed in all directions. There are buildings approximately 200 m to the north and northwest of the site, including some new buildings constructed since the tower was first installed.

Table 3.6 shows the monthly wind statistics. The table indicates that a very good resource exists throughout the year, with maximum gusts generally less than 20 m/s, and lulls of less than 2.7 m/s rarely exceeding 10 hours. The average hourly wind speeds are shown in Figure 3.8, along with the standard deviations of the hourly averages. Maximum winds occur in the morning, shortly after sunrise, and the diurnal range is quite small, as would be expected for a coastal site. The monthly power fluxes (Figure 3.9) show that the resource is highest during summer, but remains high throughout the year. Thus, Hurghada's wind resource is very good generally throughout the entire day and throughout the entire year.

Some salt corrosion has been observed on the tower during the measurement period. This does not appear to have had any adverse affects on the measurements. As shown in Table 3.6, no incidents resulting in data losses occurred during the year.

Table 3.7 shows the monthly wind speed frequency distributions. Over 25% of the hourly average winds exceeded 8 m/s. This is shown graphically in Figure 3.10 by the percent of time. The cumulative frequency distributions for the percent of time are shown in Figure 3.11. The shapes of these figures are typical for sites exhibiting a good wind resource.

Table 3.8 gives the joint frequency distribution of wind speed and direction. Winds are predominantly from west to north, with more variability, and a more westerly component, during winter. These features are shown graphically for percent of time for the entire period (Figure 3.12) and for each of the four seasons (Figures 3.13 and 3.14).

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TABLE 3.6. Monthly Wind Statistics for Hurghada

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a]		Longest Lull[b]		Data Recovery Rate	
			Speed (m/s)	Occurring at (date/time)	Length (hr)	Ending at (date/time)	Hourly %	Summarized %
APR	6.0	235	21.2	19/06:10	7	24/08:22	100	100
MAY	5.7	209	19.4	3/05:59	11	8/14:05	100	100
JUN	6.8	275	17.2	4/05:28	5	3/09:46	100	100
JUL	6.1	198	17.9	10/04:56	8	13/23:37	100	100
AUG	6.7	276	18.8	20/03:19	7	21/22:55	100	100
SEP	7.1	320	19.9	18/06:41	5	26/05:52	100	100
OCT	7.0	282	18.6	27/02:54	4	31/19:46	100	100
NOV	5.4	154	17.7	30/16:57	9	24/20:21	100	100
DEC	5.8	184	18.3	26/18:09	10	31/20:18	100	100
JAN	6.1	200	19.7	19/14:49	4	24/20:45	100	100
FEB	5.6	177	21.9	9/03:50	5	3/04:12	100	100
MAR	6.3	255	20.6	2/03:35	6	26/20:10	100	100
Annual	6.2	231	21.9		11		99.9	99.9

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.

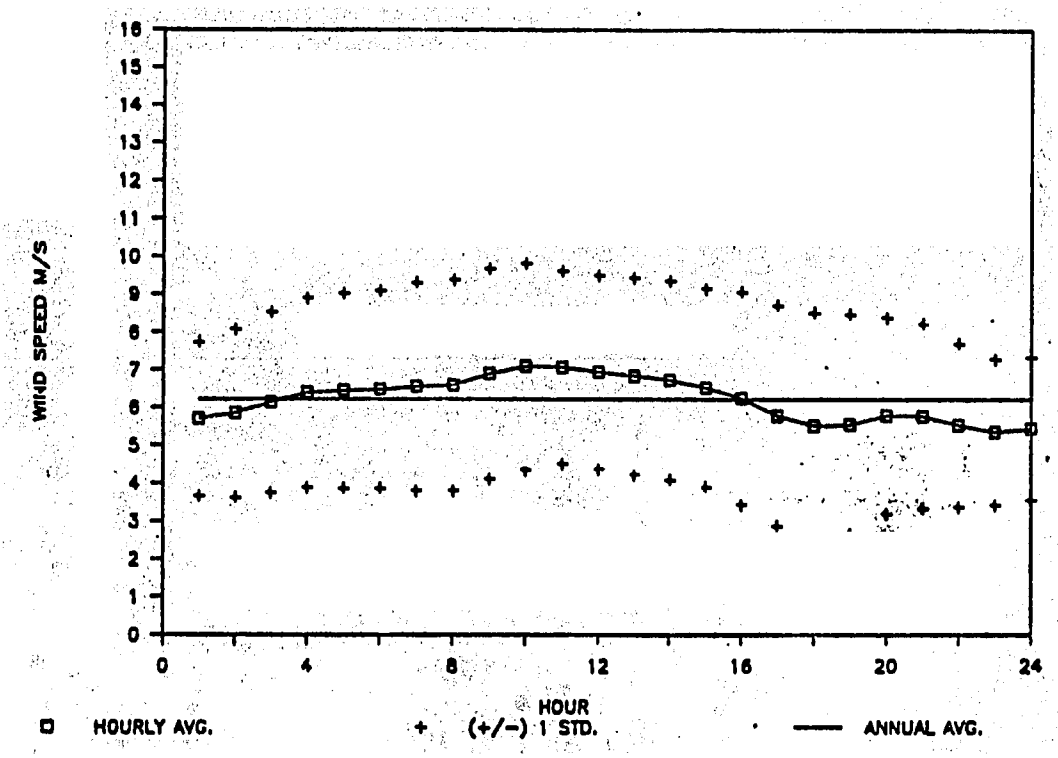


FIGURE 3.8. Hourly Average Wind Speed at Hurghada, April 1985 - March 1986

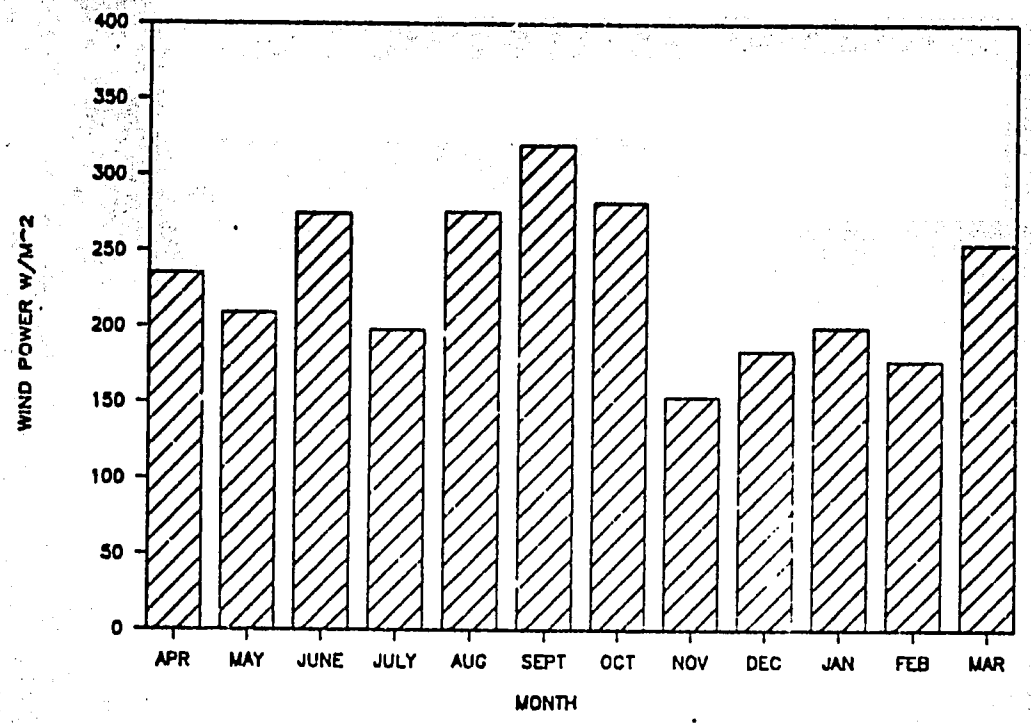


FIGURE 3.9. Monthly Power Flux, in W/m^2, at Hurghada

TABLE 3.7. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Hurghada

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0-1	8	16	4	1	6	2	2	9	8	1	5	5	67	0.8	0.8
1-2	30	60	7	15	14	11	5	31	40	17	21	22	273	3.1	3.9
2-3	67	87	37	35	40	26	11	55	43	50	50	62	563	6.4	10.3
3-4	86	90	69	77	48	59	30	75	65	61	103	76	839	9.6	19.9
4-5	111	80	79	105	103	92	93	167	94	91	107	96	1218	13.9	33.8
5-6	104	70	96	130	112	90	118	149	135	151	129	122	1406	16.1	49.9
6-7	69	67	88	134	97	76	129	79	167	175	101	80	1262	14.4	64.3
7-8	60	91	99	89	65	78	98	52	87	75	54	61	909	10.4	74.7
8-9	63	67	77	67	87	78	97	46	40	46	36	79	783	8.9	83.6
9-10	37	59	67	56	72	100	75	32	22	26	26	54	626	7.2	90.8
10-11	33	25	63	31	63	51	55	6	18	27	13	41	426	4.9	95.7
11-12	35	22	28	4	23	32	21	9	18	13	17	20	242	2.8	98.5
12-13	12	7	5	0	10	17	7	7	5	3	8	15	96	1.1	99.6
13-14	2	2	0	0	3	5	1	1	2	5	0	7	28	0.3	99.9
14-15	2	0	0	0	0	3	0	0	0	2	1	3	11	0.1	100.0
15-16	1	0	0	0	0	0	0	0	0	0	1	0	2	0	100.0
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	720	743	719	744	743	720	742	718	744	743	672	743	8751	100%	

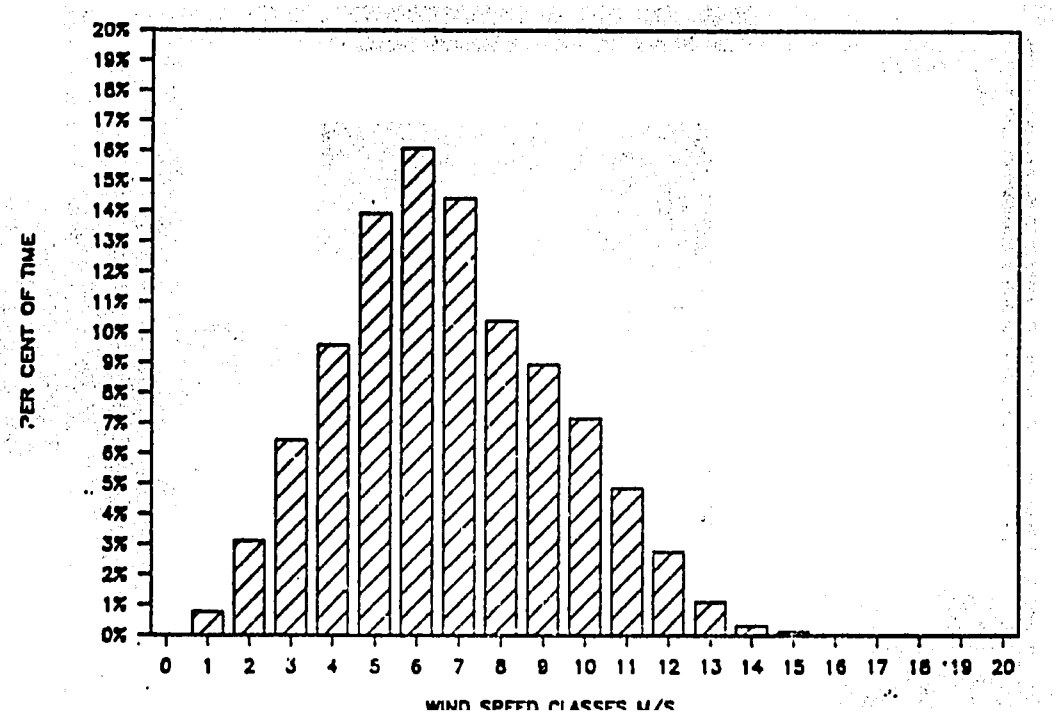


FIGURE 3.10. Frequency Distribution for Wind Speed by Percentage of Time at Hurghada, April 1985 - March 1986

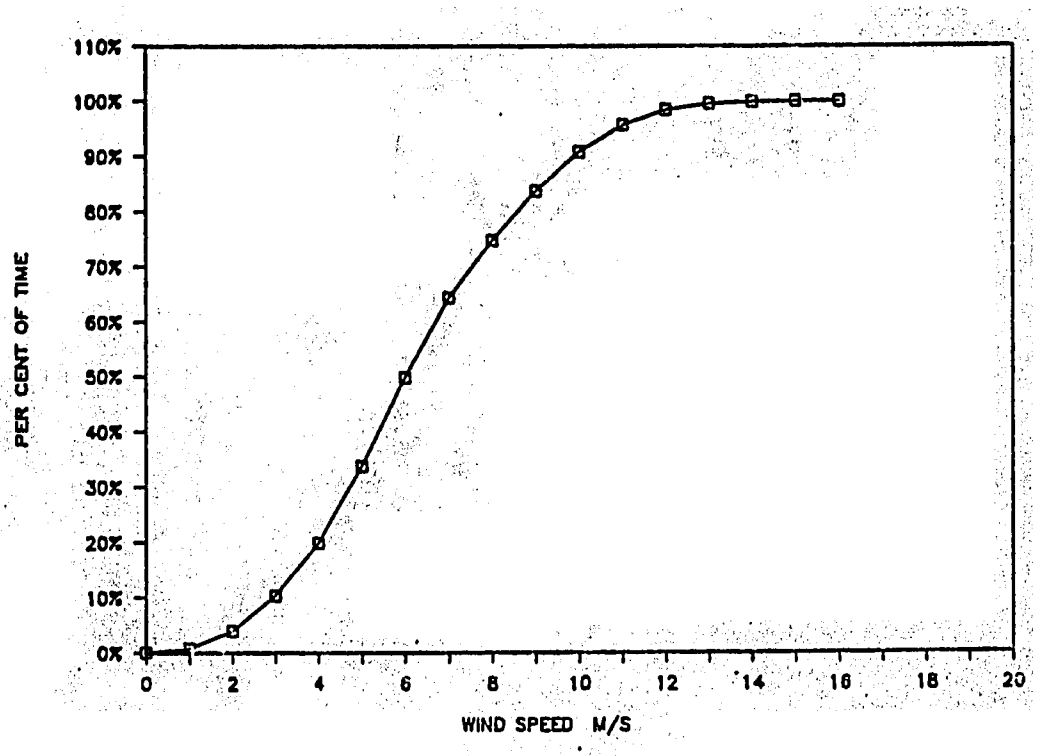


FIGURE 3.11. Cumulative Frequency Distribution by Percentage of Time at Hurghada, April 2985 - March 1986

TABLE 3.8. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: Hurghada, April 1985 - March 1986

a.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	60	176	1241	501	432	147	94	103
5.4-8.0	1	157	1179	988	587	18	33	26
8.0-10.7	1	5	118	1128	393	0	7	6
10.7->>	0	5	22	544	58	0	1	1
Total	62	343	2560	3161	1470	165	135	136

Wind speed less than 2.7 m/s was recorded for 722 hours, for a total of 8754 hours of data.

b.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	0.7	2.0	14.2	5.7	4.9	1.7	1.1	1.2
5.4-8.0	0.0	1.8	13.5	11.3	6.7	0.2	0.4	0.3
8.0-10.7	0.0	0.1	1.3	12.9	4.5	0.0	0.1	0.1
10.7->>	0.0	0.1	0.3	6.2	0.7	0.0	0.0	0.0
Total	0.7	3.9	29.2	36.1	16.8	1.9	1.5	1.6

Wind speed less than 2.7 m/s was recorded for 8.2% of the total hours.

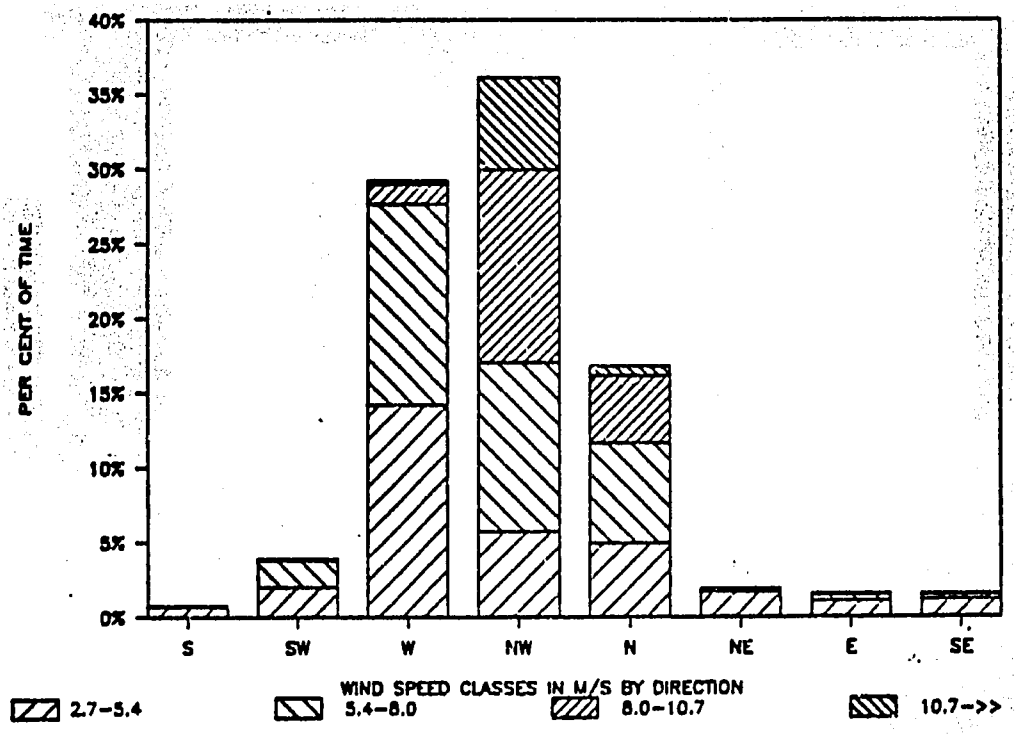
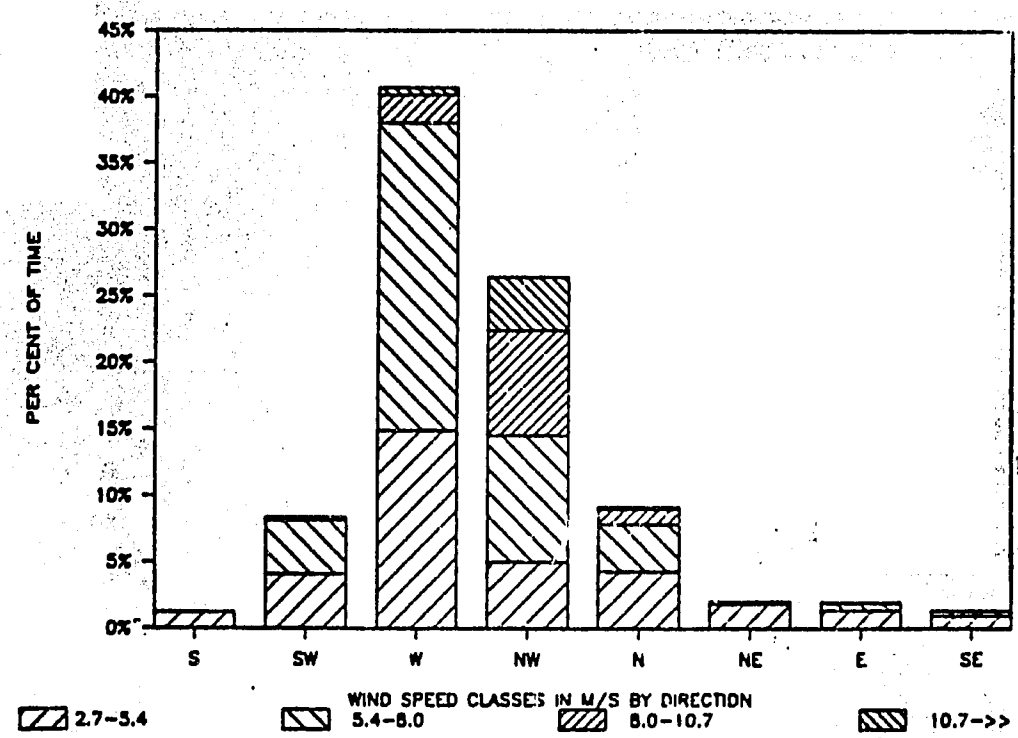
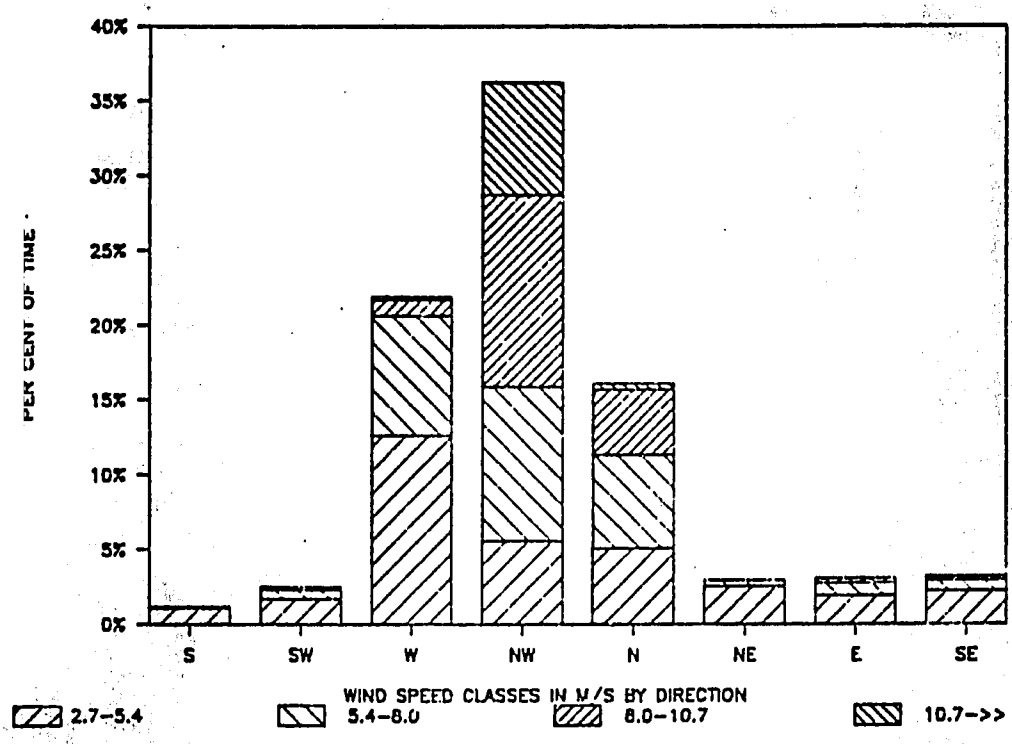


FIGURE 3.12. Joint Frequency Distribution for Wind Speed by Percentage of Time at Hurghada, April 1985 - March 1986

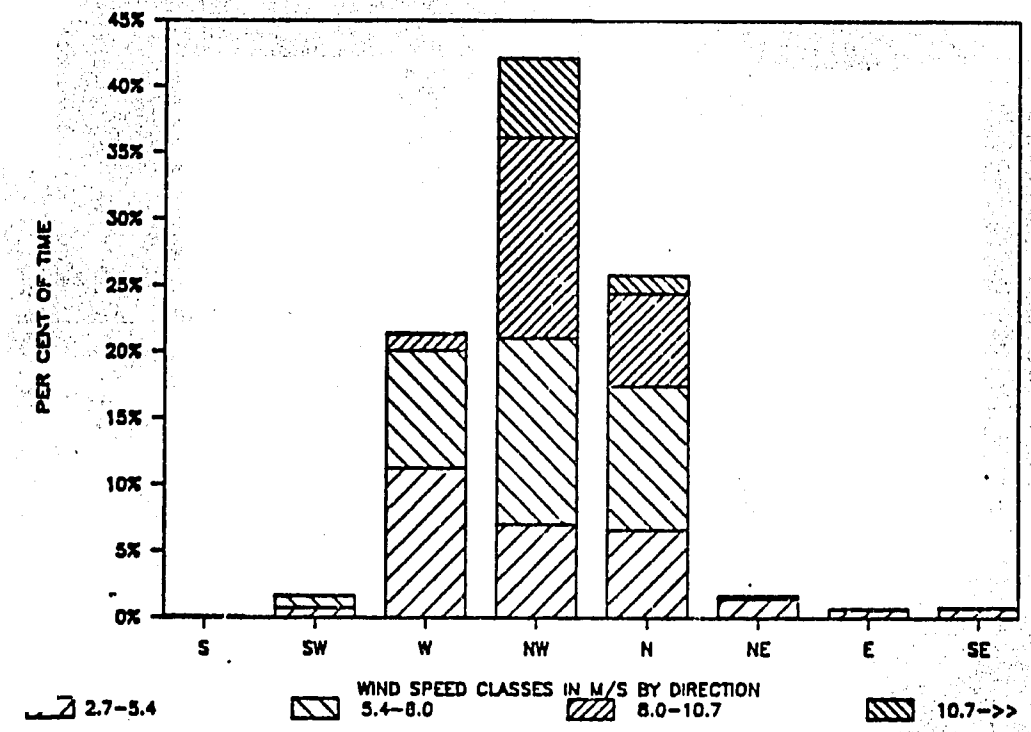


a)

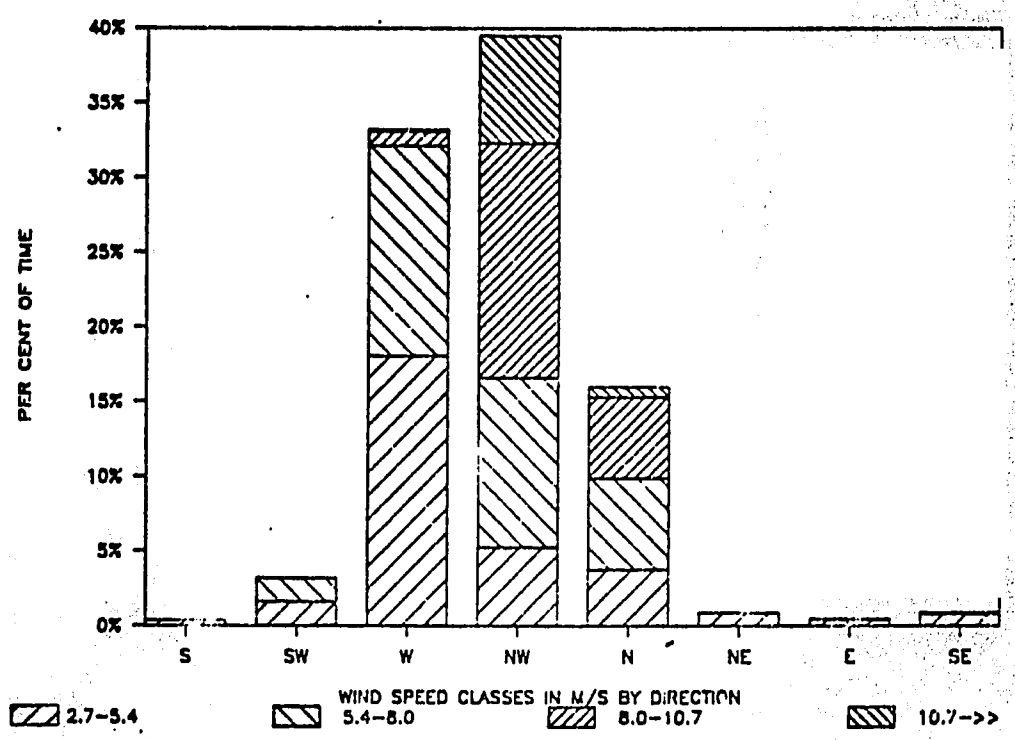


b)

FIGURE 3.13. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Hurghada, December 1985 - February 1986, b) March 1986 and April-May 1985



a)



b)

FIGURE 3.14. Joint Frequency Distribution for Wind Speed and Direction Percentage of Time at Hurghada, a) June-August 1985, b) September-November 1985

3.1.3 Ras Gollan

Ras Gollan is a very small coastal community approximately 400 km south and east of Hurghada. There is a cluster of modern, unoccupied buildings approximately 0.5 km to the south of the site. During the year of measurements, additional construction took place within this building complex. Most of the village population lives in small houses to the west and north of the tower site. A mountain range with peaks exceeding 1500 m in height is approximately 30 km to the east of the town.

The tower is located on a small rise approximately 400 m from the Red Sea coastline. The site is generally flat and barren, and well exposed in all directions. A small house, approximately 4 m tall, is located about 50 m to the southeast of the tower.

Table 3.9 shows the monthly wind statistics for the site, indicating that a reasonably good wind resource exists throughout the year. Maximum gusts are generally less than 20 m/s. However, lulls when wind speeds below 2.7 m/s last as long as 16 hours are occasionally observed. Figure 3.15 shows the hourly average wind speeds and their standard deviations, indicating that maximum winds generally occur late in the morning. The range of diurnal variabilty in winds is somewhat higher at this site than at the more northern Red Sea sites. Figure 3.16 shows that the monthly power fluxes can vary considerably throughout the year, with only a slight tendency toward a summertime maximum.

Corrosion at the site was relatively low during the measurement period. Although an eagle perched on the anemometer was occasionally observed, the data do not indicate that this seriously affected the measurements. Table 3.9 shows that data losses occurred in only one month (October).

Table 3.10 shows the monthly wind speed frequency distributions by number of hours and percent of time. Only a little over 13% of the hourly values exceeded 8 m/s. The frequency distribution plots by percent of time (Figure 3.17), and the cumulative frequency distribution plots by percent of time (Figure 3.18) are typical patterns for windy sites.

Table 3.11 gives the annual joint wind speed and direction frequency distribution, showing that winds are predominantly from the north and northwest. This can be seen further in the plots of joint wind speed and direction frequency distribution by percent of time (Figure 3.19). Figures 3.20 and 3.21 show the joint frequency distributions by season. They indicate that the most directional variability occurs during the winter.

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TABLE 3.9. Monthly Wind Statistics for Ras Gollan

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a]		Longest Lull[b]		Data Recovery Rate	
			Speed (m/s)	Occurring at (date/time)	Length (hr)	Ending at (date/time)	Hourly %	Summarized %
APR	5.3	166	17.2	11/09:10	10	23/03:16	100	100
MAY	4.8	127	21.7	11/18:44	15	6/06:16	100	100
JUN	5.8	210	18.6	15/06:49	9	19/03:52	100	100
JUL	3.9	79	15.0	28/08:07	16	3/09:40	100	100
AUG	4.4	105	19.7	30/07:57	15	10/06:33	100	100
SEP	6.1	199	15.6	6/07:27	9	22/03:38	100	100
OCT	6.4	217	15.9	21/10:07	5	31/09:37	97.7	69.4
NOV	4.6	100	13.4	4/09:33	12	9/05:18	100	100
DEC	5.7	171	17.0	4/13:13	11	17/10:39	100	100
JAN	4.6	103	15.4	20/13:29	16	2/07:37	100	100
FEB	5.0	117	14.8	14/12:43	6	24/00:22	100	100
MAR	5.7	193	19.4	6/12:41	11	6/05:37	100	100
Annual	5.2	149	21.7		16		99.7	97.3

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.

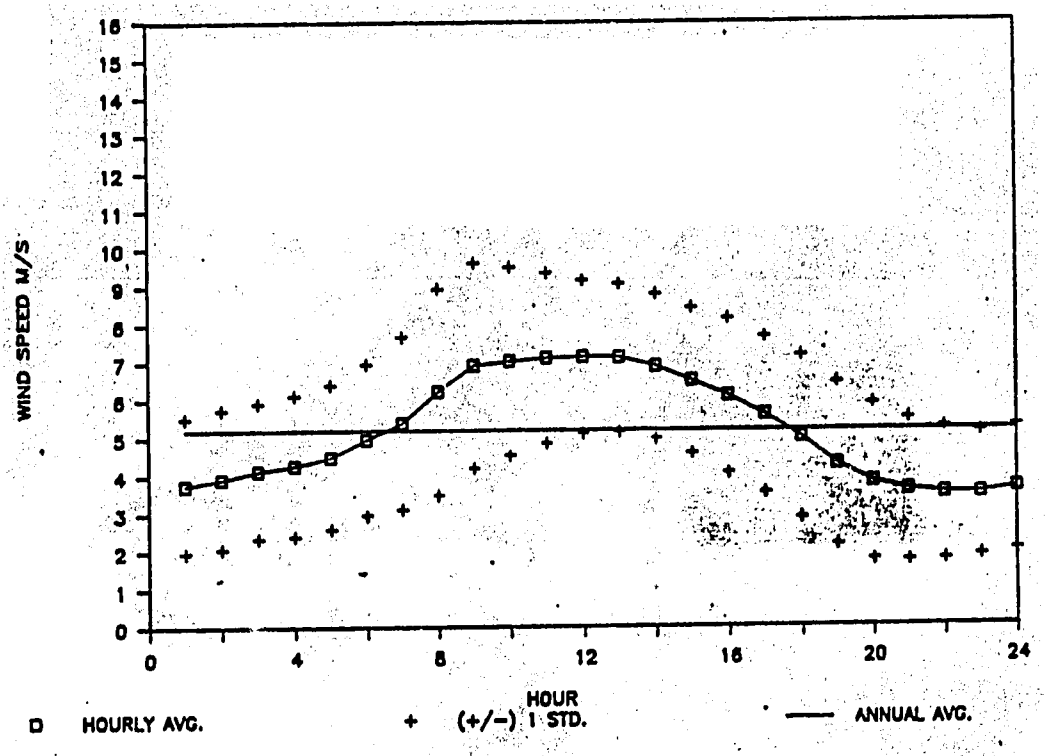


FIGURE 3.15. Hourly Average Wind Speed at Ras Gollan, April 1985 - March 1986

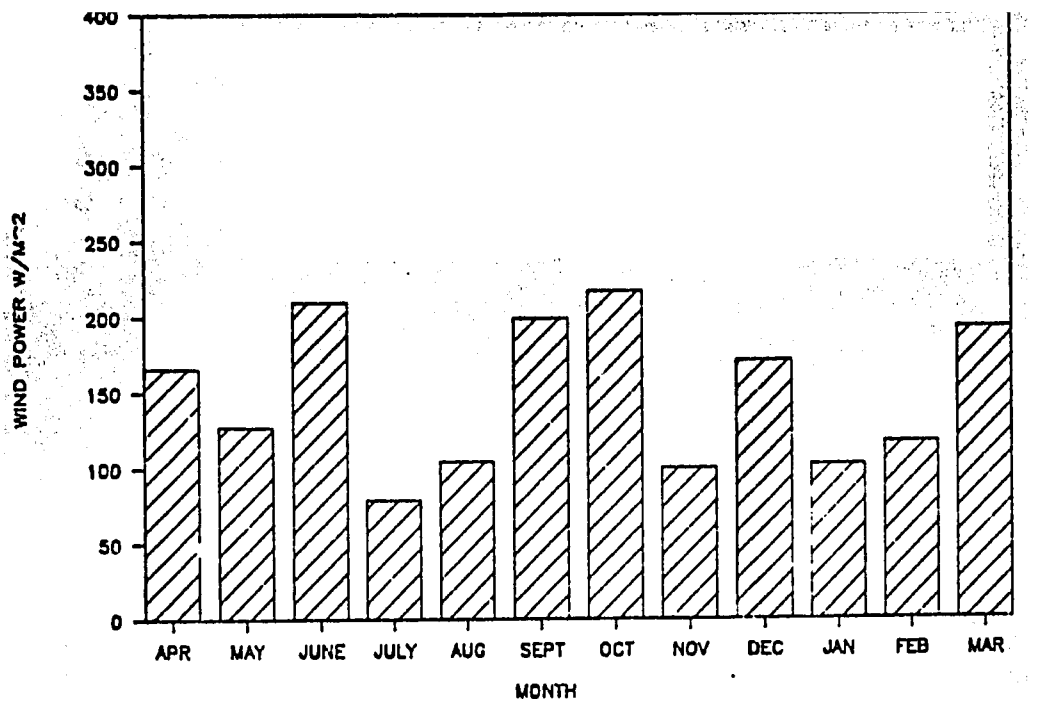


FIGURE 3.16. Monthly Power Flux, in W/m^2, at Ras Gollan

TABLE 3.10. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Ras Gollan

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	5	12	3	14	1	0	0	0	3	9	1	6	54	0.6	0.6
0-1	18	27	14	74	32	4	0	15	5	17	8	17	231	2.6	3.2
1-2	40	56	38	63	60	10	6	46	15	55	27	41	457	5.2	8.4
2-3	90	95	65	115	120	45	24	82	31	71	60	53	851	9.7	18.1
3-4	112	116	76	149	126	80	53	139	74	126	117	89	1257	14.4	32.5
4-5	92	94	100	111	130	92	121	135	171	183	139	94	1462	16.7	49.2
5-6	101	98	83	67	95	111	139	121	148	103	116	110	1292	14.8	64.0
6-7	83	97	115	61	83	119	100	82	121	77	88	96	1122	12.8	76.8
7-8	67	69	71	50	39	112	108	56	73	62	56	82	845	9.7	86.5
8-9	34	35	54	26	27	68	86	24	46	15	44	71	530	6.1	92.6
9-10	32	31	38	11	15	46	56	17	20	9	10	40	325	3.7	96.3
10-11	28	6	31	3	7	23	19	2	16	13	5	21	74	2.0	98.3
11-12	11	3	18	0	5	10	10	0	13	3	1	14	88	1.0	99.3
12-13	4	4	11	0	1	0	5	0	7	0	0	9	41	0.5	99.8
13-14	3	0	3	0	1	0	0	0	1	0	0	0	8	0.1	99.9
14-15	0	0	0	0	1	0	0	0	0	0	0	0	1	0	100.0
15-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	720	743	720	744	743	720	727	719	744	743	672	743	8738	100%	

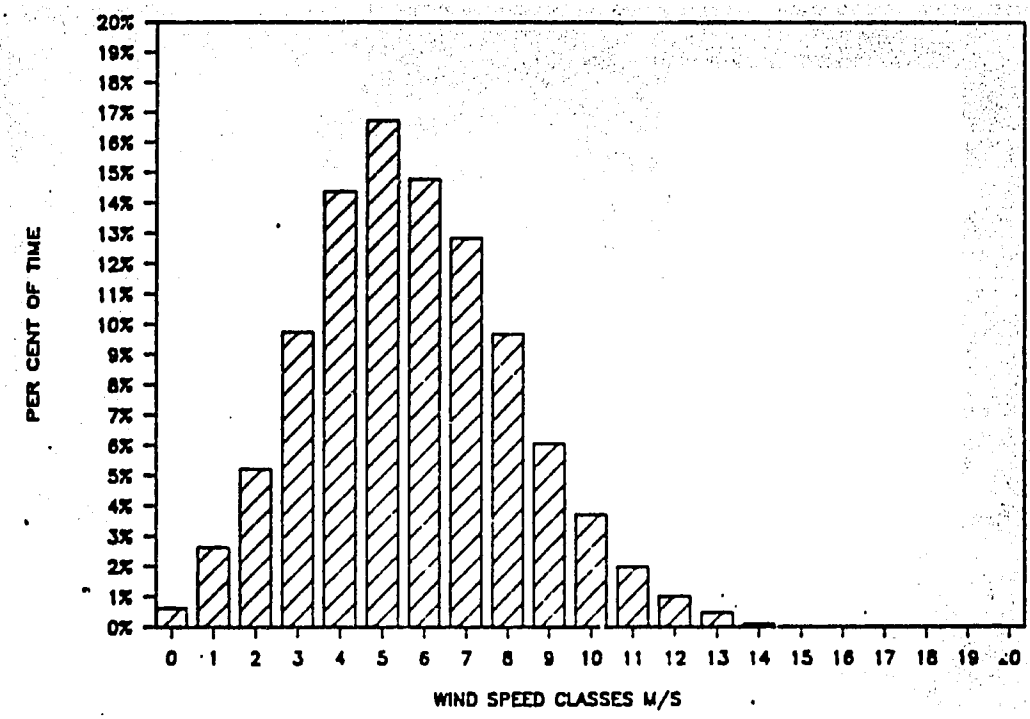


FIGURE 3.17. Frequency Distribution for Wind Speed by Percentage of Time at Ras Gollan, April 1985 - March 1986

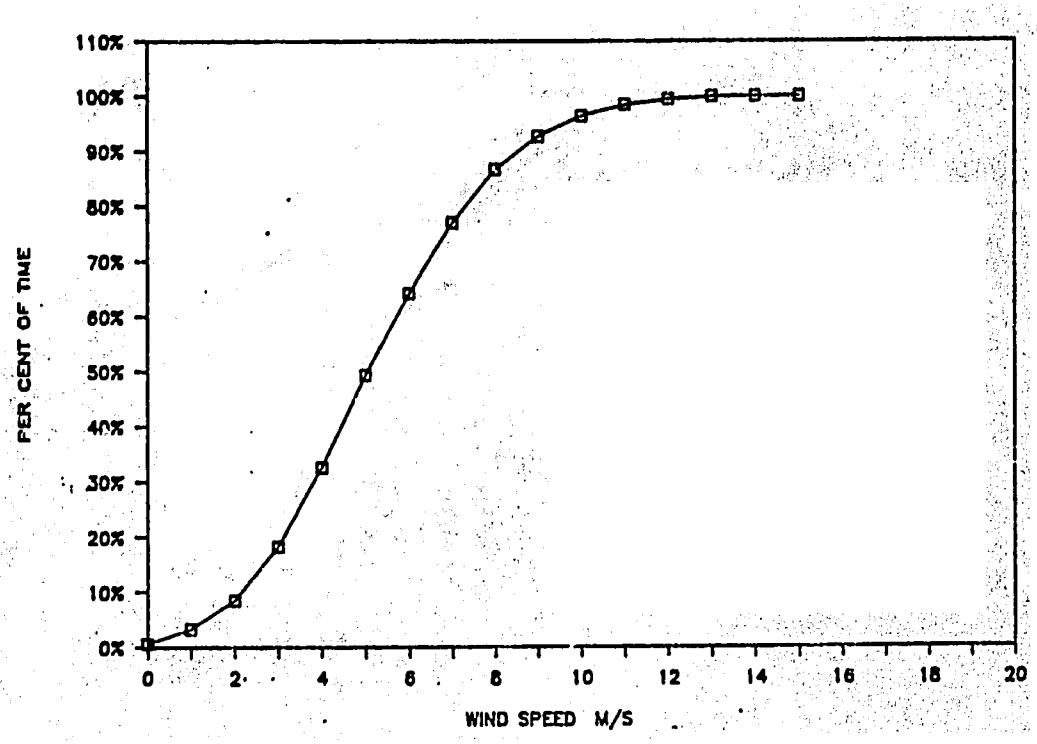


FIGURE 3.18. Cumulative Frequency Distribution by Percentage of Time at Ras Gollan, April 1985 - March 1986

TABLE 3.11. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: Ras Gollan, April 1985 - March 1986

a.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	66	80	381	1599	1133	71	33	59
5.4-8.0	18	6	89	990	1431	45	14	44
8.0-10.7	2	2	17	301	628	9	2	11
10.7->>	0	1	4	89	141	0	0	0
Total	86	89	491	2979	3333	125	49	114

Wind speed less than 2.7 m/s was recorded for 1257 hours, for a total of 8523 hours of data.

b.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	0.8	0.9	4.5	18.8	13.3	0.8	0.4	0.7
5.4-8.0	0.2	0.1	1.0	11.6	16.8	0.5	0.2	0.5
8.0-10.7	0.0	0.0	0.2	3.5	7.4	0.1	0.0	0.1
10.7->>	0.0	0.0	0.0	1.0	1.7	0.0	0.0	0.0
Total	1.0	1.0	5.8	35.0	39.1	1.5	0.6	1.3

Wind speed less than 2.7 m/s was recorded for 14.7% of the total hours.

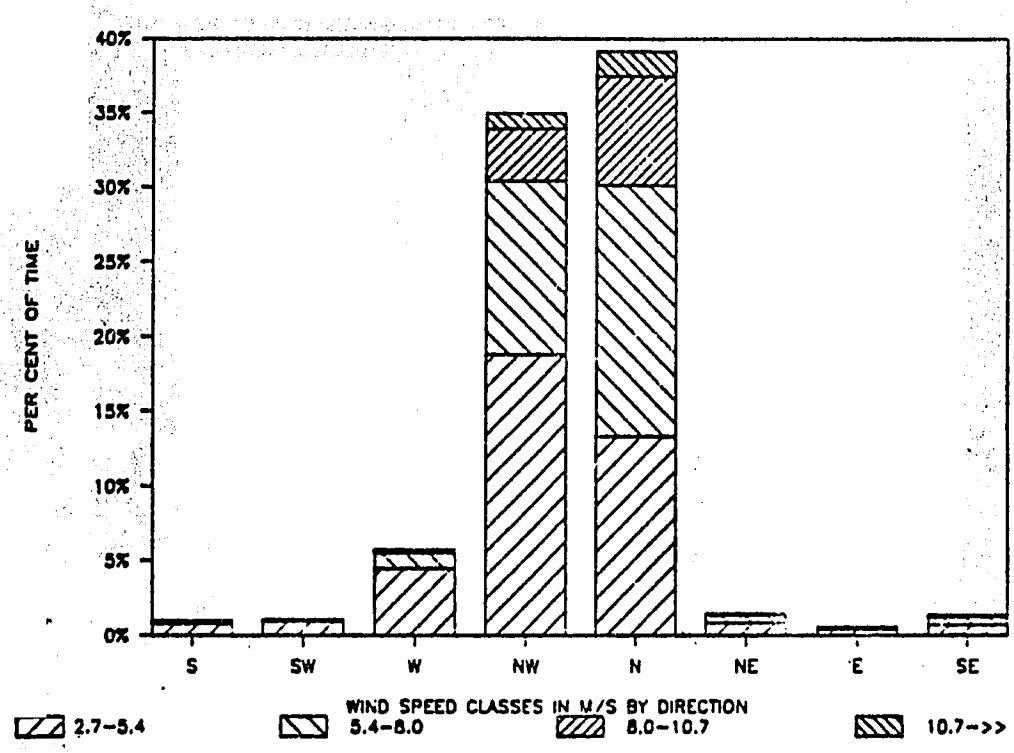
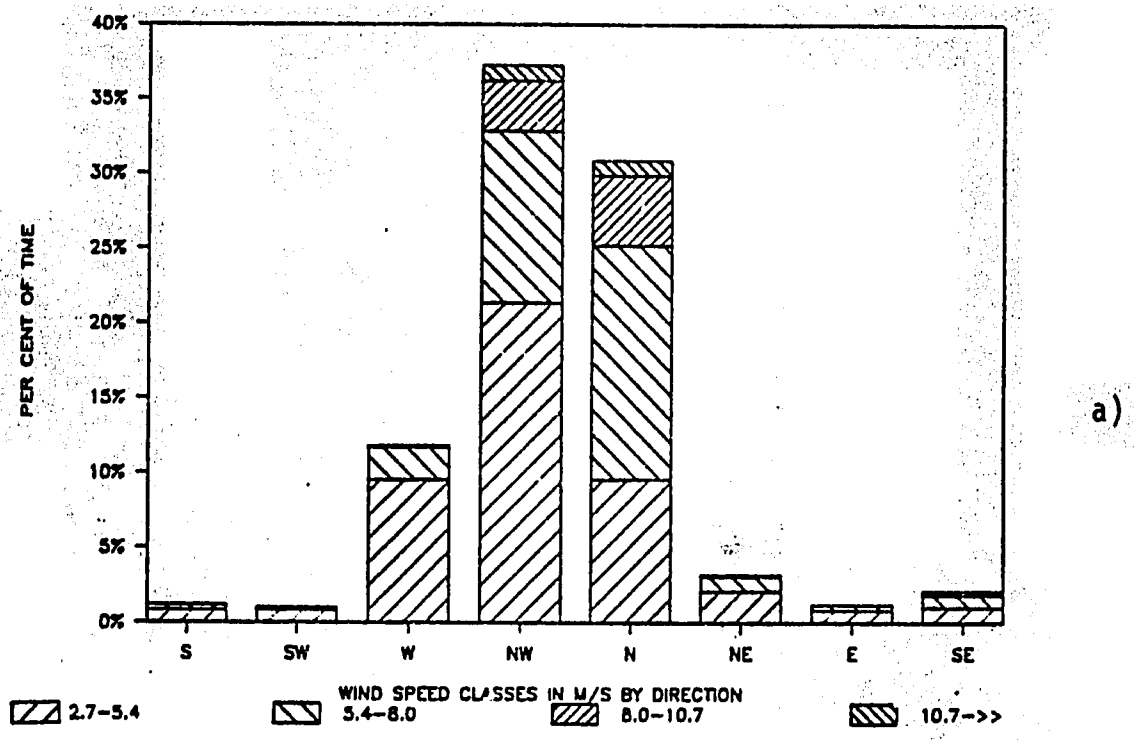
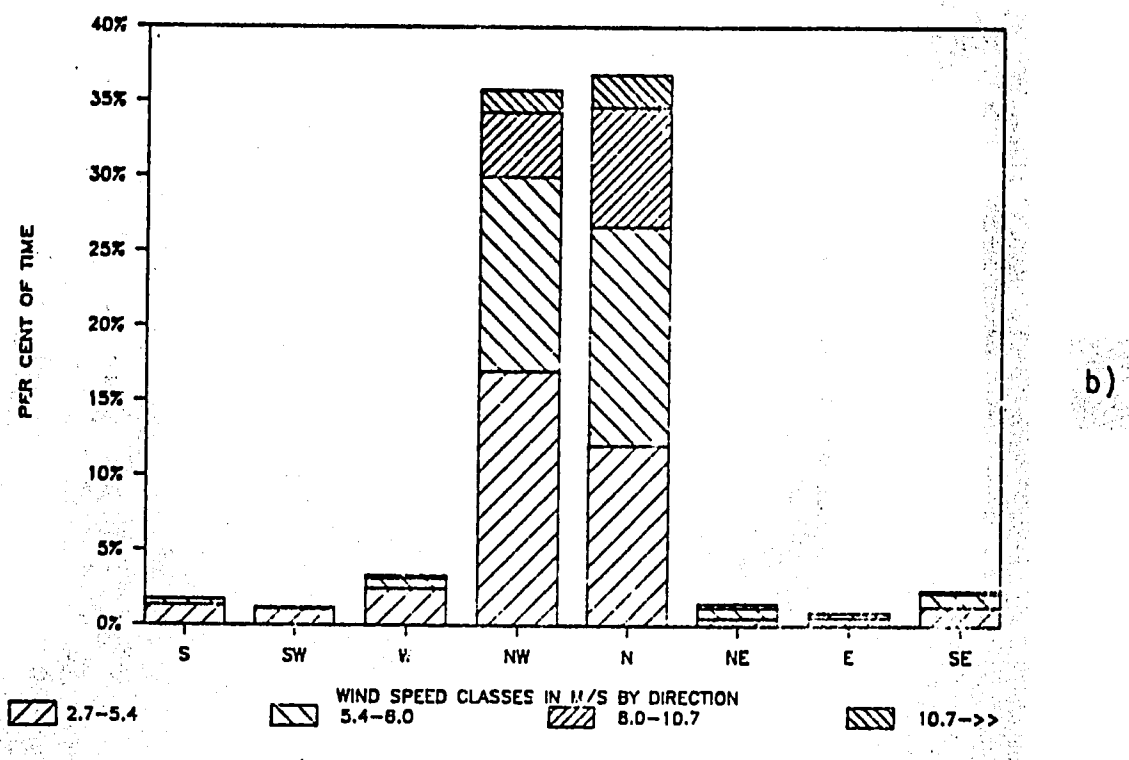


FIGURE 3.19. Joint Frequency Distribution for Wind Speed by Percentage of Time at Ras Gollan, April 1985 - March 1986

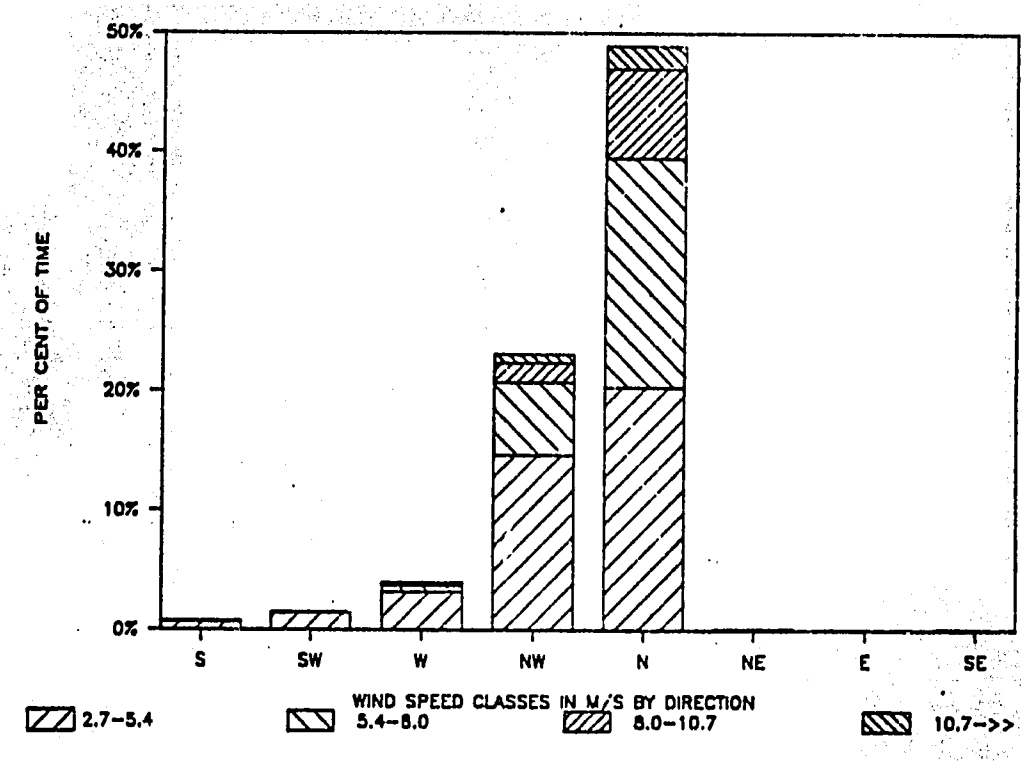


a)

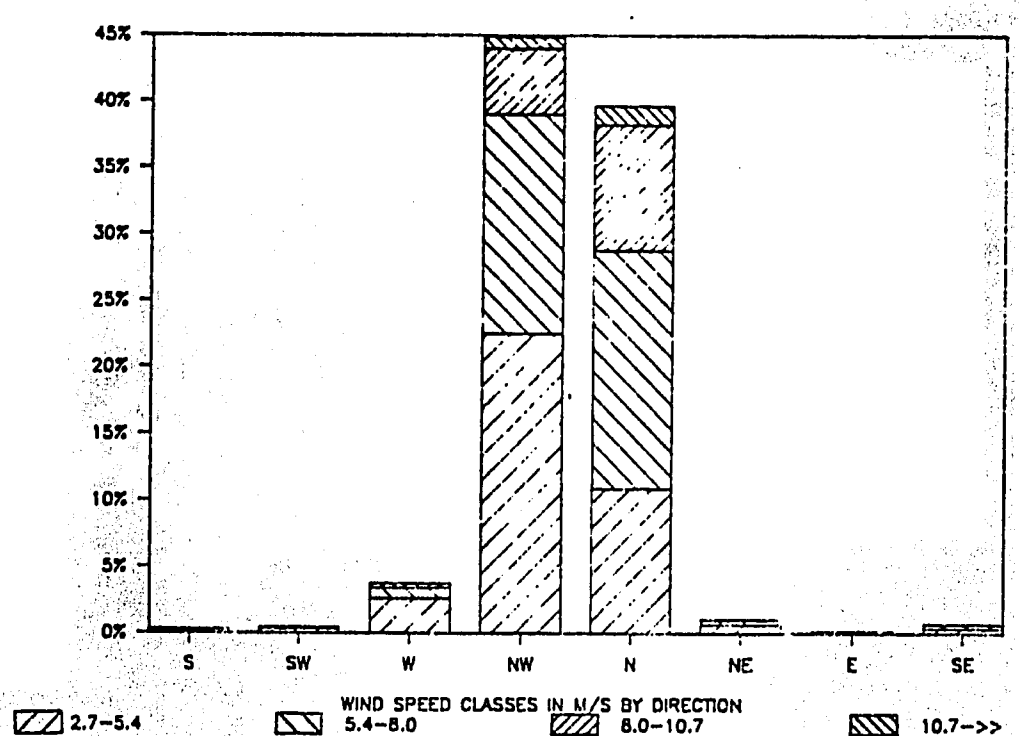


b)

FIGURE 3.20. Joint Frequency distribution for Wind speed and Direction by Percentage of Time at Ras Gollan, a) December 1985 - February 1986, b) March 1986 and April-May 1985



a)



b)

FIGURE 3.21. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Ras Gollan, by a) June-August 1985, b) September-November 1985

3.2 MEDITERRANEAN REGION

The following information is presented for each station in the Mediterranean region during the 12-month period April 1985 - March 1986:

- A brief description of the site and the data collection program
- A table (two tables for two-level sites) showing the monthly wind statistics and power flux
- A figure (two figures for two-level sites) showing the hourly average wind speeds, and the standard deviation of these hourly averages
- A figure showing the monthly power flux values
- A table (two tables for two-level sites) showing the wind speed frequency distribution
- Figures of the wind speed frequency distribution by percent of time for each measuring level
- Figures of the cumulative wind speed frequency distribution by percent of time for each measuring level
- A table showing the joint wind speed and direction frequency distribution at the 10-m level
- Figures of the joint wind speed and direction frequency distribution at the 10-m level by percent of time for the entire measuring period and for each of the four seasons of the year

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3.2.1 Ras el Hekma

Ras el Hekma is a small village approximately 10 km inland from a point of land jutting out into the Mediterranean. The region is very flat with sandy soil, sparse vegetation, and scattered agricultural activity.

The tower is located 1 km north of the village and approximately 200 m east-northeast of an electrical generating station (the associated building is 6 to 7 m tall). The site is flat and well-exposed in all directions.

Tables 3.12 and 3.13 show the monthly wind statistics for the 10-m and 20-m levels. respectively, and show that a reasonably good wind resource prevails at the site, particularly during winter and spring. Although gusts generally are not as strong at this site as at any of the Red Sea sites, a gust of over 26 m/s in May is higher than any observed along the Red Sea. Lulls of wind speeds of 2.7 m/s or less lasting over 10 hours were observed in all months of the year except July and August. Figure 3.22 shows the hourly average wind speeds and the standard deviations of the hourly averages for the 10-m and 20-m levels. A late afternoon wind speed maximum is evident, as would be expected for an inland site. The plot of monthly power flux values is shown in Figure 3.23, which exemplifies the winter and spring wind maxima.

On 13 September 1985, the data chip became full and ceased to record any additional hourly data. Shortly after the first of October, the tower failed because of a broken anchor guy wire. This failure was the major source of data loss for this site during the reporting period (Table 3.12). The tower was reinstalled on 15 November 1985. Although the tower was considerably bent from its fall, it was straightened sufficiently to allow accurate data collection to continue.

Tables 3.14 and 3.15 show the monthly wind speed frequency distributions at the 10-m and 20-m levels, respectively. Less than 10% of the hourly average wind speeds exceeded 8 m/s at the 10-m level, a frequency considerably lower than at any of the Red Sea sites. The plots of frequency distribution by percent of time for the two levels are shown in Figure 3.24, and the cumulative frequency distributions are shown in Figure 3.25. These are typical patterns for windy sites.

Table 3.16 gives the annual joint wind speed and direction frequency distribution, showing that winds are predominantly from the north and northwest. This is further shown in Figure 3.26, which provides the joint frequency distribution percent of time. However, the seasonal joint frequency distributions (Figures 3.27 and 3.28) show that winter and spring winds are highly variable, and only during the summer and fall are they predominantly from the north. This pattern is a result of the frequent storms that pass across the region during the winter and spring seasons.

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TABLE 3.12. Monthly Wind Statistics for Ras el Hekma 10 m

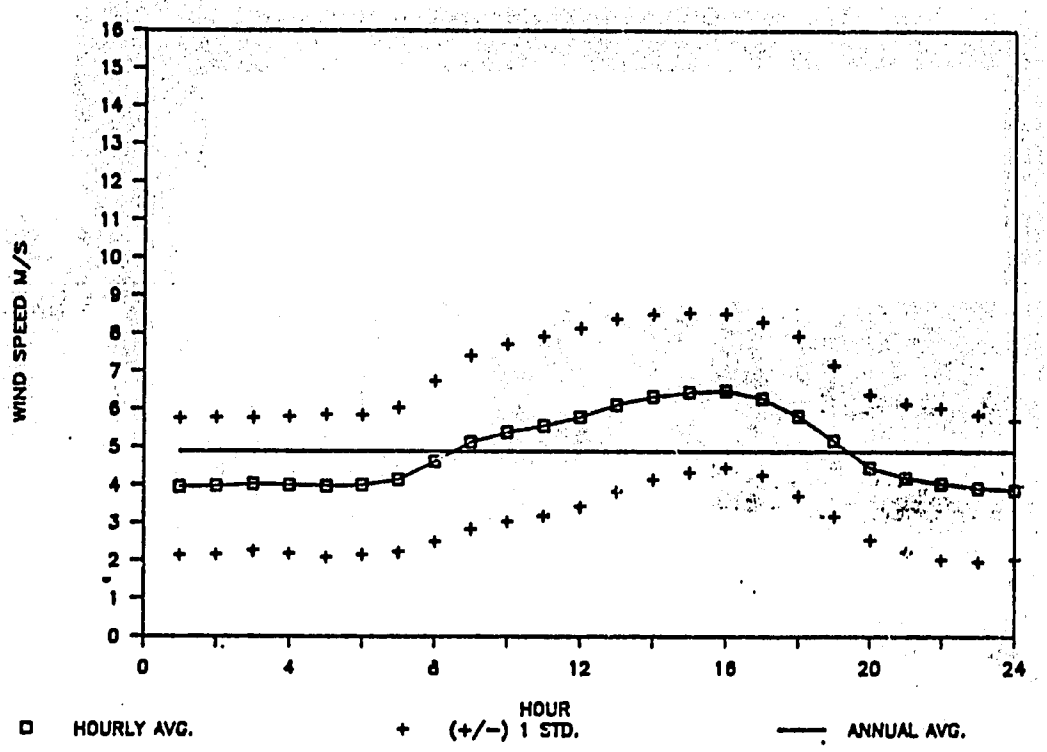
	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a] Speed (m/s)	Peak Wind[a] Occurring at (date/time)	Longest Lull[b] Length (hr)	Longest Lull[b] Ending at (date/time)	Data Recovery Rate Hourly %	Data Recovery Rate Summarized %
APR	4.8	130	18.8	24/12:25	12	15/08:18	94	94
MAY	5.0	153	26.2	21/15:14	12	31/11:59	100	100
JUN	5.2	142	17.9	18/11:45	10	24/08:05	100	100
JUL	5.5	141	14.8	5/14:39	5	30/00:51	100	100
AUG	5.3	138	14.8	4/02:13	8	14/04:31	100	100
SEP	4.8(4.3)[c]	106	12.7	18/16:34	12	10/10:06	37.6	100
OCT							0	0
NOV	4.4	98	16.1	25/13:01	19	21/12:29	51	51
DEC	4.3	81	14.1	18/07:41	18	10/13:17	100	100
JAN	4.9(4.5)	108	15.2	19/04:37	17	5/09:44	54.4	100
FEB	4.7	129	17.2	14/13:05	16	11/09:49	65.7	65.7
MAR	4.6	105	14.8	29/11:39	14	11/09:39	100	100
Annual	4.9(4.8)	123	26.2		19		75.4	84.0

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.
(c) Based on summarized data.

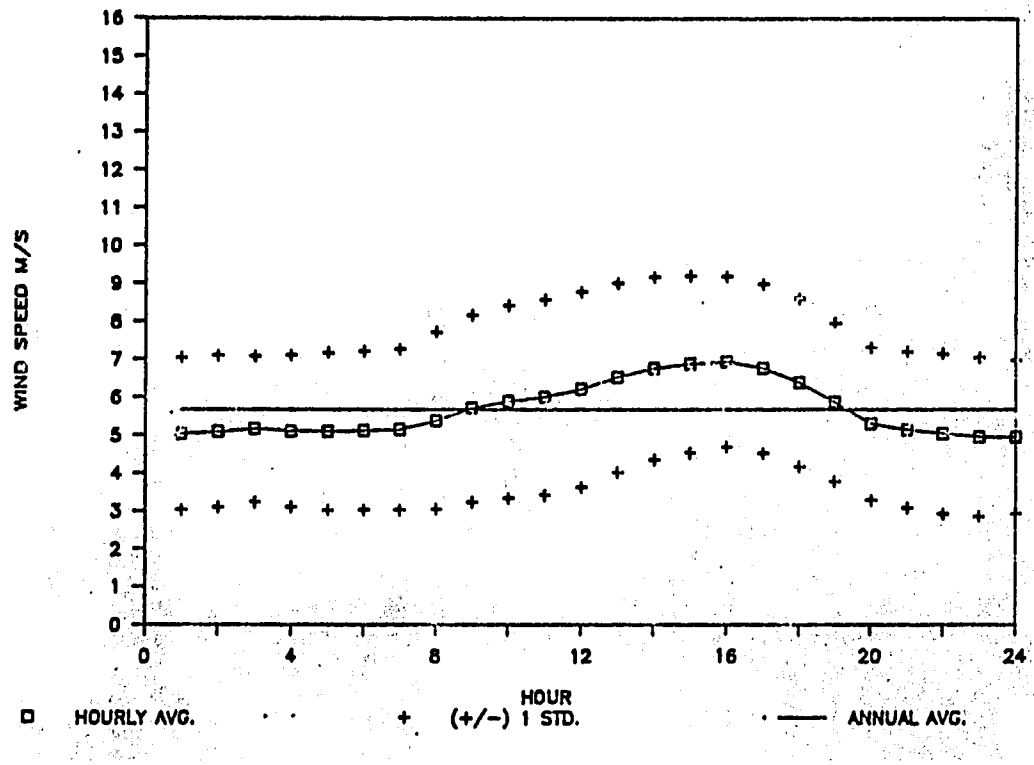
TABLE 3.13. Monthly Wind Statistics for Ras el Hekma 20 m

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a] Speed (m/s)	Peak Wind[a] Occurring at (date/time)	Longest Lull[b] Length (hr)	Longest Lull[b] Ending at (date/time)	Data Recovery Rate Hourly %	Data Recovery Rate Summarized %
APR	5.6	184	19.4	24/12:25	10	11/11:40	94	94
MAY	5.7	206	30.2	22/06:03	11	12/08:36	100	100
JUN	5.9	190	18.8	18/13:58	10	24/08:00	100	100
JUL	6.2	187	15.4	5/17:53	4	30/00:33	100	100
AUG	6.0	183	15.2	4/02:15	7	14/04:37	100	100
SEP	5.6(5.0)[c]	143	13.6	18/11:34	14	16/11:47	37.6	100
OCT							0	0
NOV	5.3	153	17.0	24/23:52	9	21/12:21	51	51
DEC	5.2	132	15.2	18/07:41	15	11/10:30	100	100
JAN	6.2(5.5)	198	16.1	19/03:39	8	28/04:53	54.4	100
FEB	5.6	187	18.6	14/13:05	15	11/09:36	65.7	65.7
MAR	5.3	141	15.4	29/11:38	10	11/09:37	100	100
Annual	5.7(5.6)	174	30.2		15		75.4	84.0

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.
(c) Based on summarized data.



a)



b)

FIGURE 3.22. Hourly Average Wind Speed at Ras el Hekma, April 1985 - March 1986 a) 10 m AGL, b) 20 m AGL

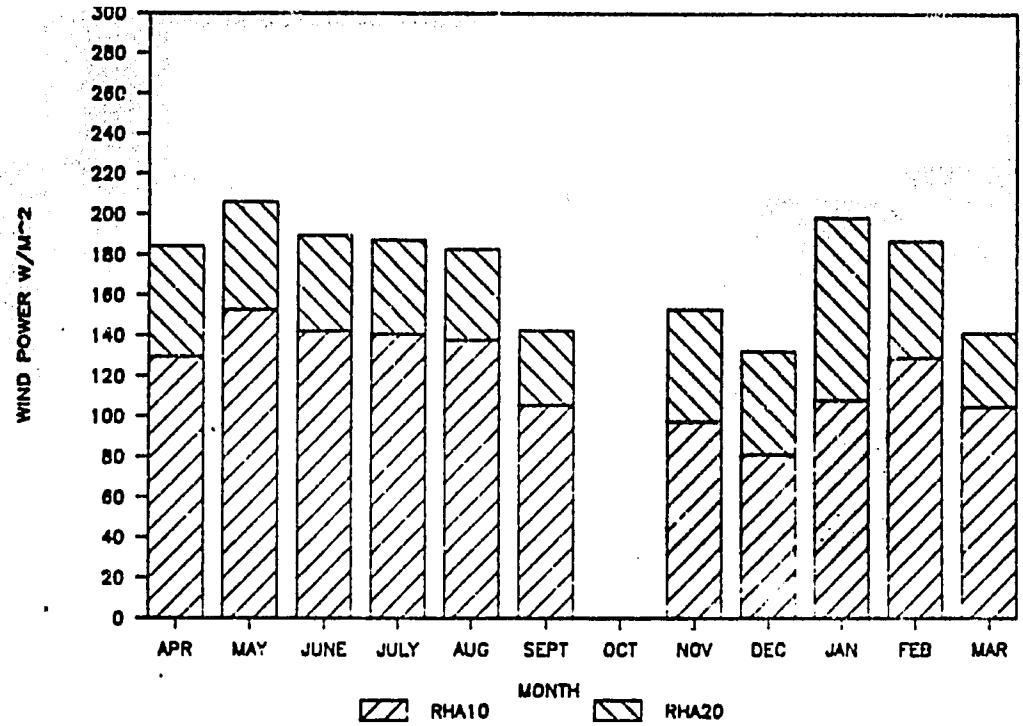


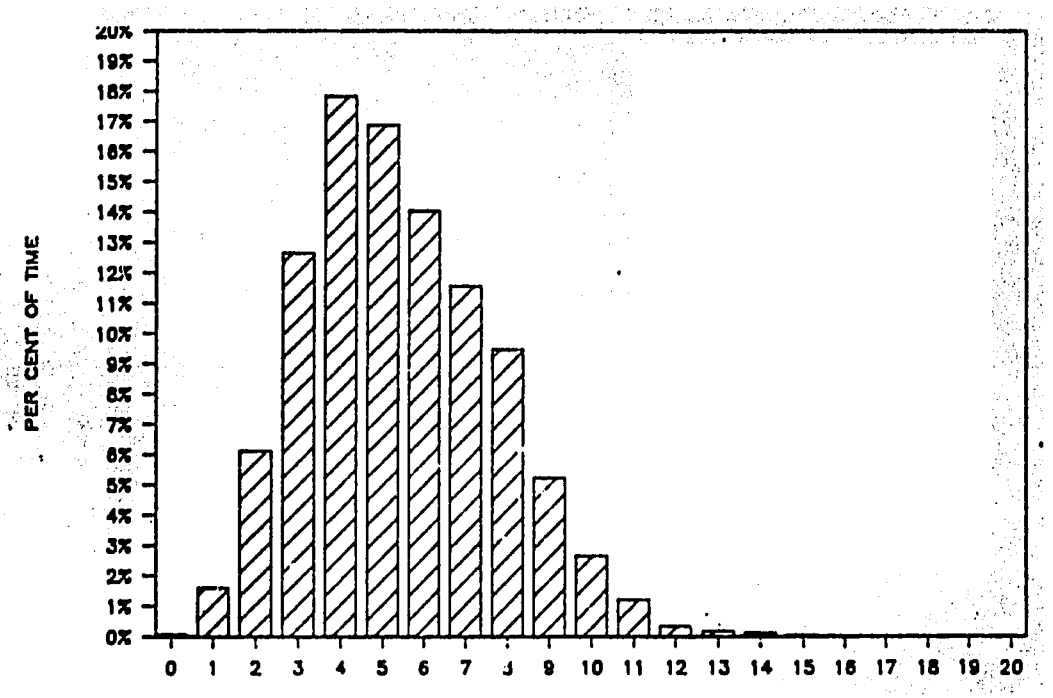
FIGURE 3.23. Monthly Power Flux, in W/m^2, at Ras el Hekma

TABLE 3.14. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Ras el Hekma 10 m

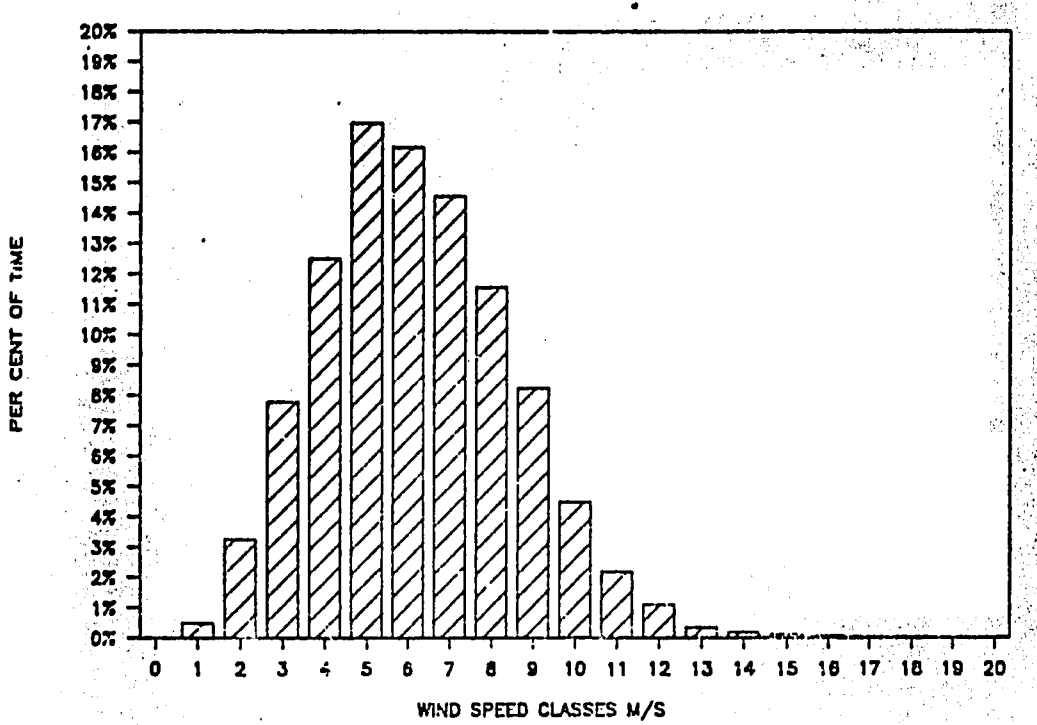
Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	1	0	0	0	0	0	--	0	0	0	2	2	5	0.1	0.1
0-1	14	22	8	2	9	0	--	16	11	0	8	16	106	1.6	1.7
1-2	45	57	43	11	17	18	--	32	82	29	27	43	404	6.1	7.8
2-3	96	98	73	47	94	35	--	47	119	46	69	112	836	12.7	20.5
3-4	132	123	125	125	103	41	--	91	146	49	102	140	1177	17.8	38.3
4-5	114	99	110	135	122	42	--	63	137	90	73	129	1114	16.9	55.2
5-6	79	83	103	123	118	45	--	34	106	76	38	122	927	14.0	69.2
6-7	61	90	92	140	100	45	--	28	57	48	38	64	763	11.6	80.8
7-8	62	67	61	85	100	36	--	29	55	43	38	49	625	9.5	90.3
8-9	40	35	61	42	45	9	--	18	22	17	15	42	346	5.2	95.5
9-10	16	28	28	23	27	0	--	7	8	7	14	18	176	2.7	98.2
10-11	5	26	11	9	9	0	--	5	1	0	7	7	80	1.2	99.4
11-12	4	9	1	1	0	0	--	0	0	0	7	0	22	0.3	99.7
12-13	3	3	2	0	0	0	--	0	0	0	3	0	11	0.2	99.9
13-14	3	3	1	0	0	0	--	0	0	0	1	0	8	0.1	100.0
14-15	2	0	0	0	0	0	--	0	0	0	0	0	2	0	100.0
15-16	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
16-17	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
Total	677	743	719	743	744	271	--	370	744	405	442	744	6602	100%	

TABLE 3.15. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: Ras el Hekma 20 m

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	0	0	0	0	--	0	0	0	0	0	0	0	0
0-1	4	7	1	0	4	0	--	3	5	0	4	4	32	0.5	0.5
1-2	24	40	23	6	10	5	--	22	33	8	18	26	215	3.3	3.8
2-3	64	71	48	13	36	18	--	41	95	35	37	56	514	7.8	11.6
3-4	93	106	79	51	87	32	--	49	111	35	62	121	826	12.5	24.1
4-5	142	106	121	119	125	49	--	72	116	30	80	161	1121	17.0	41.1
5-6	98	95	128	159	126	51	--	57	99	47	74	134	1068	16.2	57.3
6-7	56	83	94	163	123	42	--	41	133	97	45	84	961	14.5	71.8
7-8	61	92	85	124	91	47	--	23	72	75	40	54	764	11.6	83.4
8-9	67	50	59	53	79	25	--	28	45	49	33	56	544	8.2	91.6
9-10	36	29	43	30	39	2	--	22	25	16	24	30	297	4.5	96.1
10-11	15	26	27	17	14	0	--	7	9	9	7	13	144	2.2	98.3
11-12	6	21	7	7	10	0	--	3	0	4	9	5	72	1.1	99.4
12-13	3	10	1	1	0	0	--	2	0	0	5	0	22	0.3	99.7
13-14	3	3	3	0	0	0	--	0	0	0	3	0	12	0.2	99.9
14-15	3	3	0	0	0	0	--	0	0	0	1	0	7	0.1	100.0
15-16	2	1	0	0	0	0	--	0	0	0	0	0	3	0	100.0
16-17	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	--	0	0	0	0	0	0	0	100.0
Total	677	743	719	743	744	271	--	370	744	405	442	744	6602	100%	

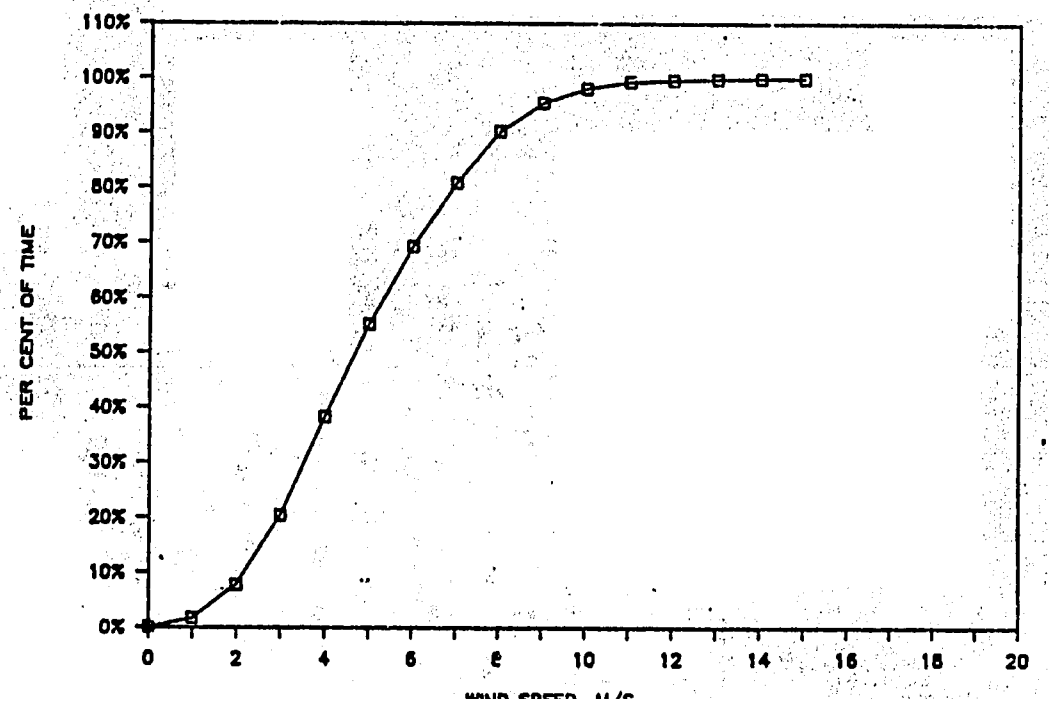


a)

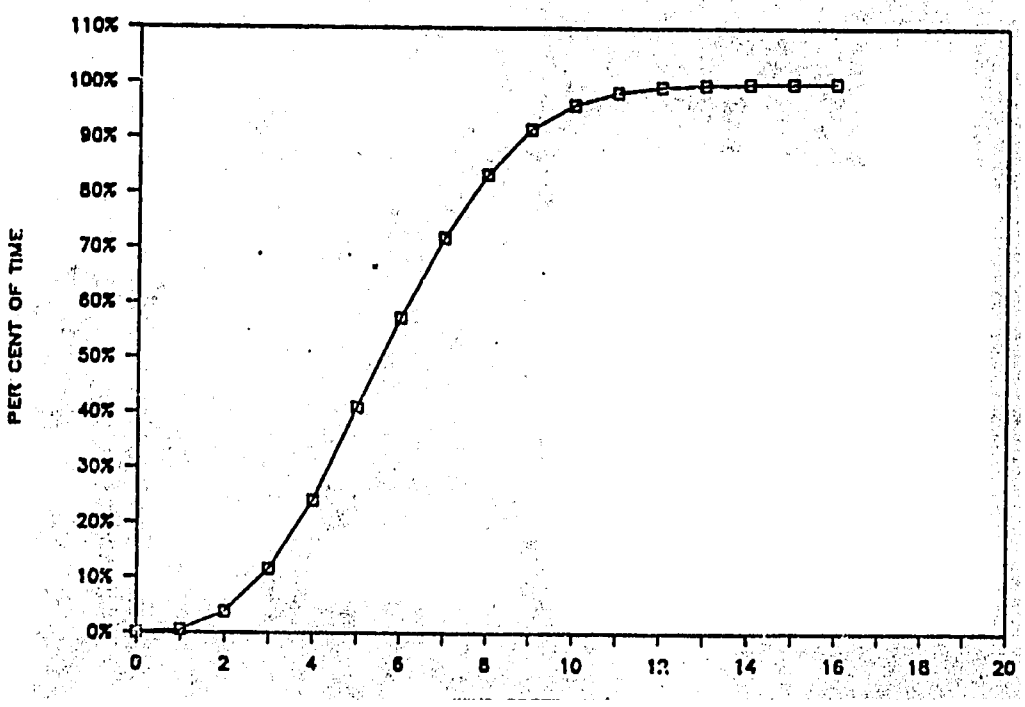


b)

FIGURE 3.24. Frequency Distribution for Wind Speed by Percentage of Time at Ras el Hekma, April 1985 - March 1986 a) 10 m AGL, b) 20 M AGL



a)



b)

FIGURE 3.25. Cumulative Frequency Distribution by Percentage of Time a
Ras el Hekma, April 1985 - March 1986 a) 10 m AGL, b) 20 m AGL

TABLE 3.16. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: Ras el Hekma 10 m, April 1985 - March 1986

a.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	269	364	245	610	1058	319	187	252
5.4-8.0	84	154	163	387	964	111	105	85
8.0-10.7	17	30	58	192	314	11	45	14
10.7->>	4	5	15	52	33	0	2	0
Total	374	553	481	1241	2369	441	339	351

Wind speed less than 2.7 m/s was recorded for 1239 hours, for a total of 7388 hours of data.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	3.6	4.9	3.3	8.3	14.3	4.3	2.5	3.4
5.4-8.0	1.1	2.1	2.2	5.2	13.0	1.5	1.4	1.2
8.0-10.7	0.2	0.4	0.8	2.6	4.3	0.1	0.6	0.2
10.7->>	0.1	0.1	0.2	0.7	0.4	0.0	0.0	0.0
Total	5.1	7.5	6.5	16.8	32.1	6.0	4.6	4.8

Wind speed less than 2.7 m/s was recorded for 16.8% of the total hours.

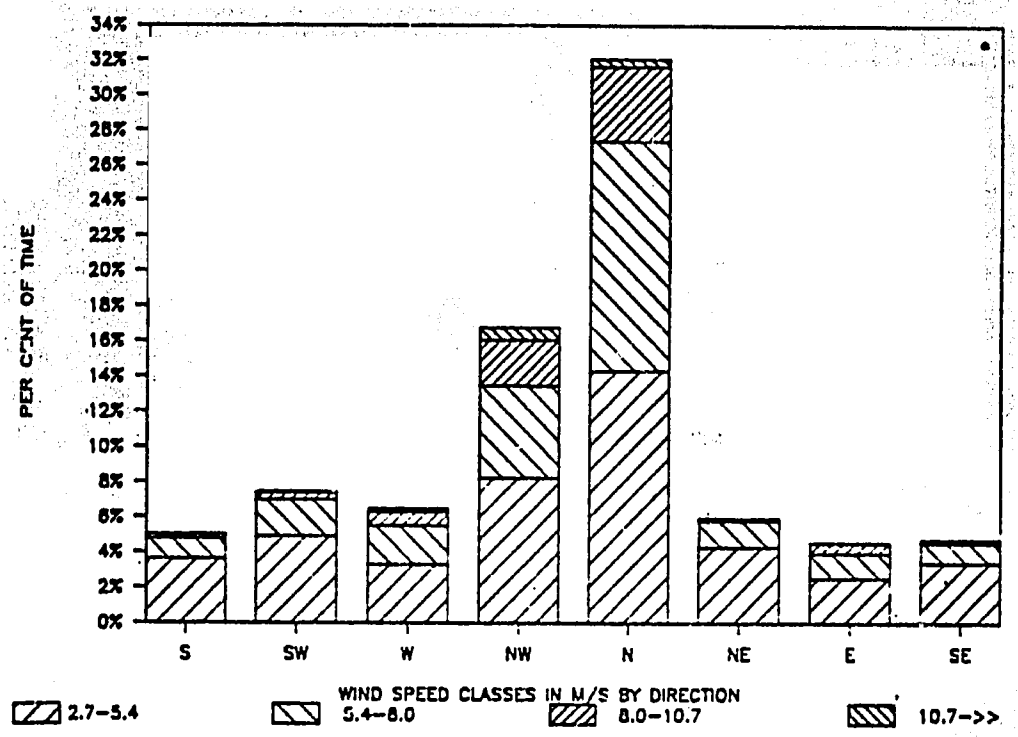
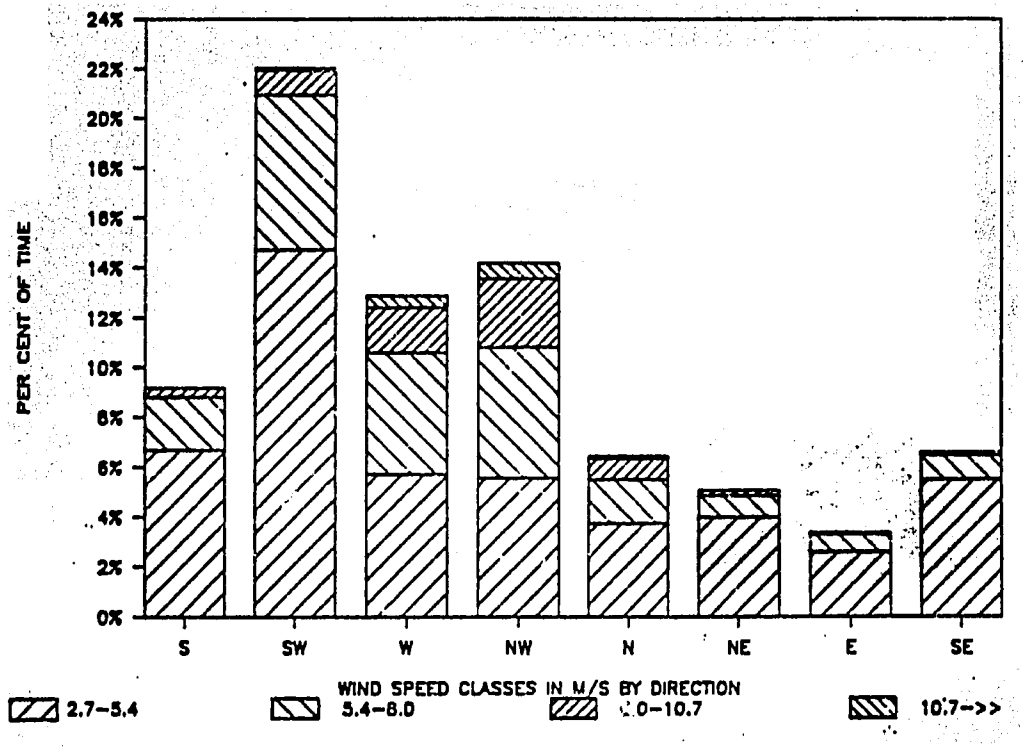
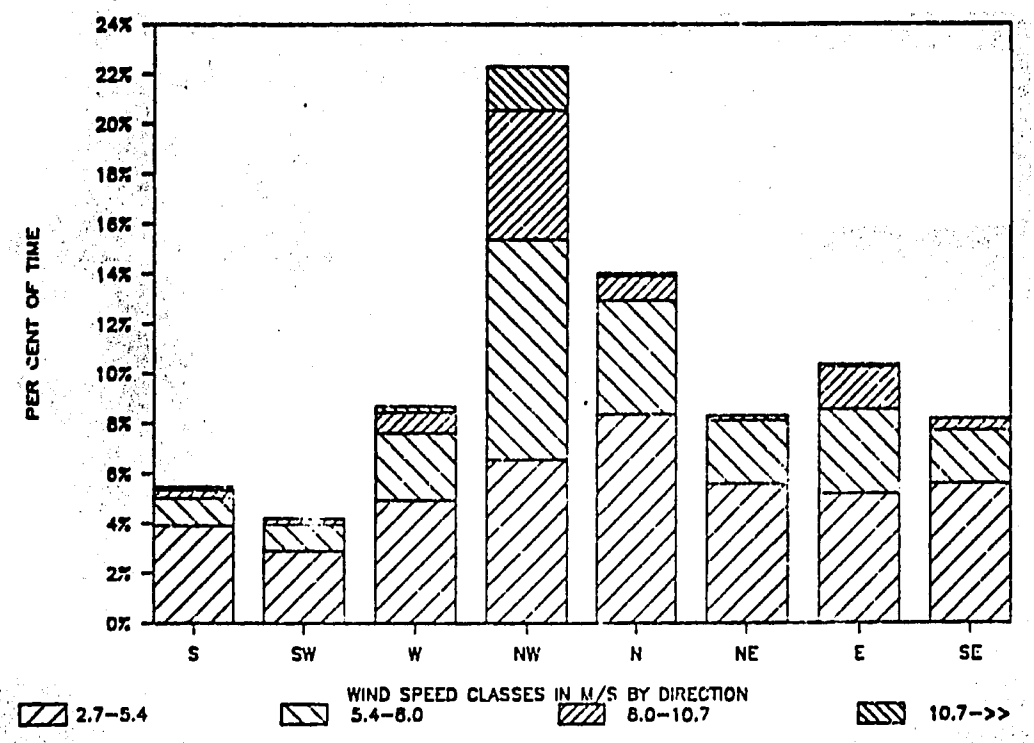


FIGURE 3.26. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at Ras el Hekma, 10 m AGL, April 1985 - March 1986

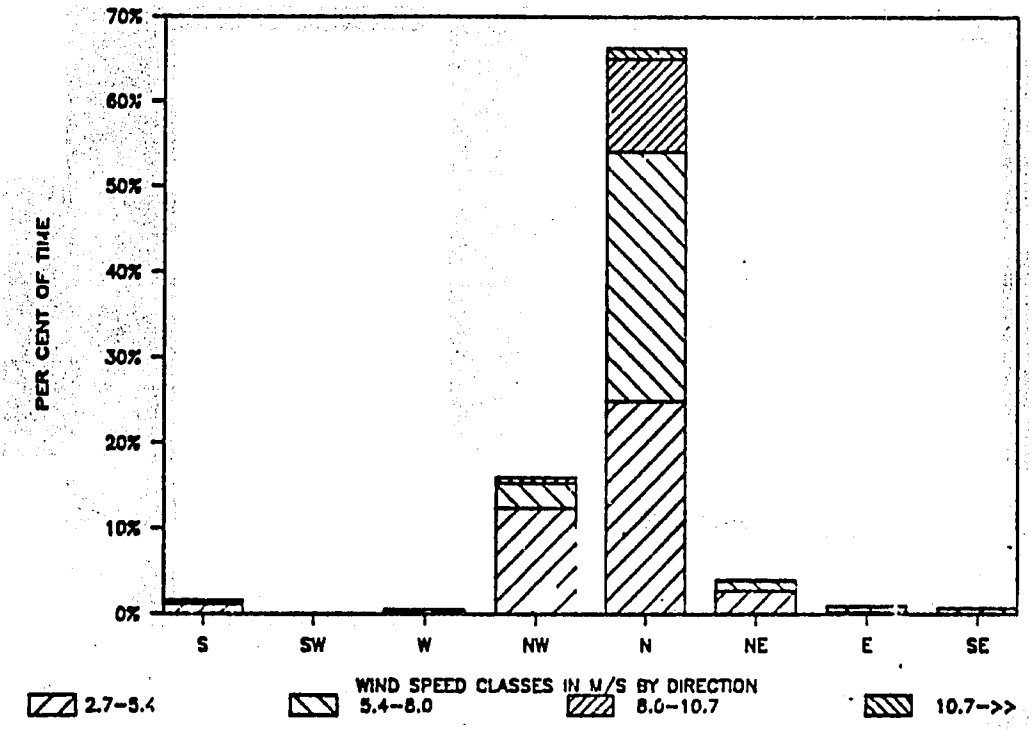


a)

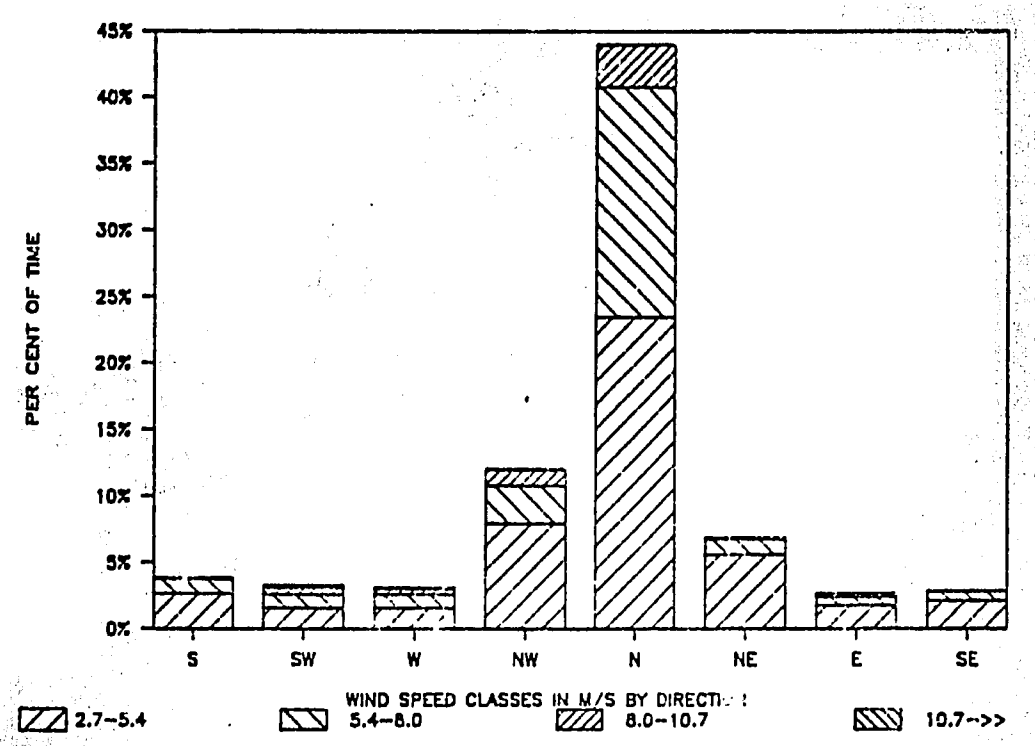


b)

FIGURE 3.27. Joint Frequency Distribution for Wind Speed by Percentage of Time at Ras el Hekma, 10 m AGL, a) December 1985 - February 1986, b) March 1986 and April-May 1985



a)



b)

FIGURE 3.28. Joint Frequency Distribution by Percentage of Time at Ras el Hekma, 10 m AGL, a) June-August 1985, b) September-November 1985

3.2.2 El Obayed

El Obayed is a small resort beach camp along the Mediterranean coast approximately 18.2 km west of Mersa Matruh by road. The region is characterized by numerous small stabilized sand dunes, generally not greater than 5 m in height.

The tower is located on a small hill on the west side of a bay, approximately 300 m from the water. The site is well exposed in all directions. There is sparse, scrub vegetation no more than 1 m tall scattered throughout the area.

Table 3.17 shows the monthly wind statistics for El Obayed, which indicate that the site has a reasonably good wind resource, particularly in the winter and spring. Peak gusts are relatively low throughout the year, although the highest gust at the 10-m level in the measurement program was observed at this site on the morning of 22 May (29.3 m/s). Lulls of wind speeds less than 2.7 m/s can last for up to 20 hours at this site. Figure 3.29 shows the hourly average wind speeds and the standard deviation of the hourly averages for the measurement period, indicating that the highest winds occur in the late afternoon. This is typical for a site where the diurnal wind pattern is controlled by the solar heating cycle, a condition normally found at inland sites. The plot of monthly power flux is shown in Figure 3.30, providing further evidence that, in this region, the best wind resource exists during the winter and spring.

During the measurement period, the tower experienced extensive corrosion because of its proximity to salt water. However, as can be seen in Table 3.17, no data were lost due to this or any other factor during the measurement program.

Table 3.18 shows the monthly wind speed frequency distributions. Just under 14% of the hourly winds exceeded 8 m/s for the measurement period, a figure somewhat higher than at Ras el Hekma. The frequency distribution by percent of time are shown graphically in Figure 3.31, and the cumulative frequency distribution by percent of time are shown in Figure 3.32. These patterns are typical for windy regimes.

Table 3.19 gives the joint wind speed and direction frequency, and indicates that the prevailing winds at the site are from the northwesterly quadrant. This can be seen graphically in Figure 3.33. The seasonal joint frequency distribution plots by percent of time (Figures 3.34 and 3.35) show that prevailing winds in the winter are from the southwest, but that they are from the northwest for the rest of the year. The figures also show that there is considerable variability in wind directions at this site.

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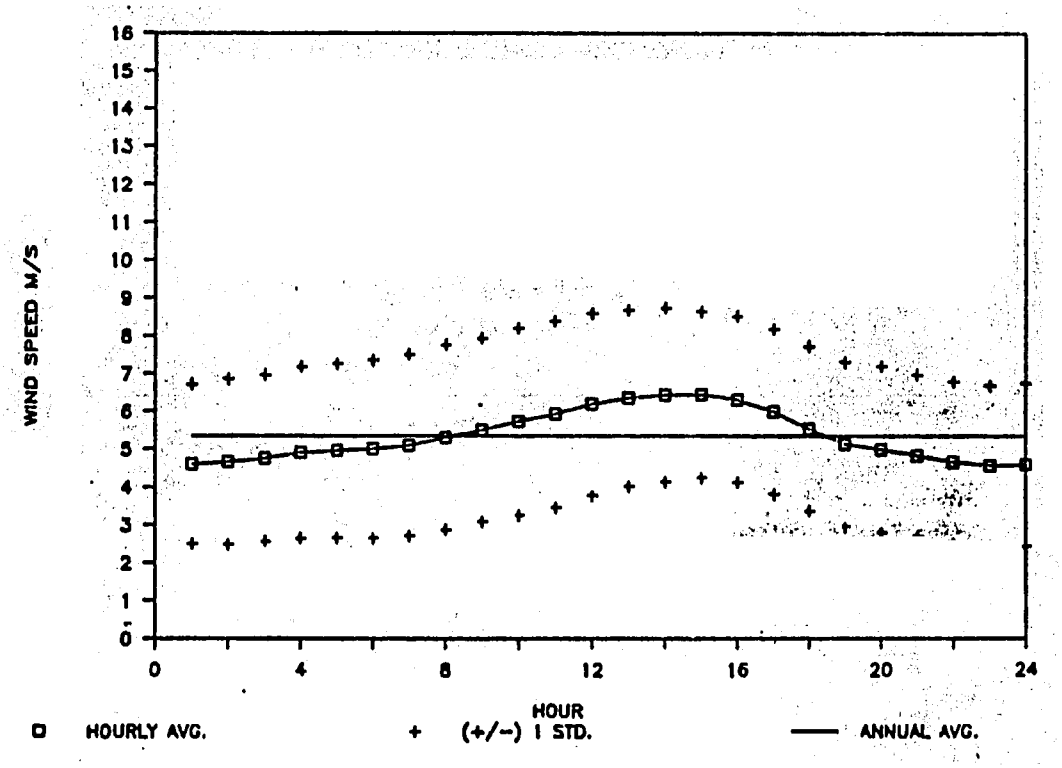


FIGURE 3.29. Hourly Average Wind Speed at El Obayed, April 1985 - March 1986

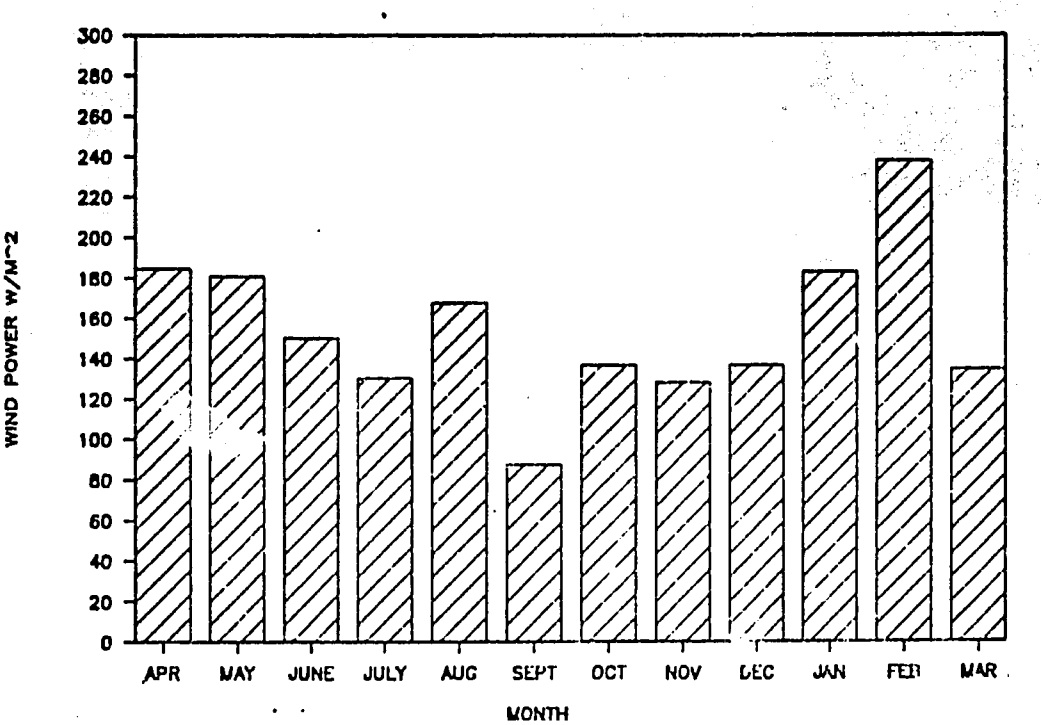


FIGURE 3.30. Monthly Power Flux, in W/m^2, at El Obayed

TABLE 3.17. Monthly Wind Statistics for El Obayed

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a]		Longest Lull[b]		Data Recovery Rate	
			Speed (m/s)	Occurring at (date/time)	Length (hr)	Ending at (date/time)	Hourly %	Summarized %
APR	5.6	185	19.7	24/11:22	16	11/11:42	98.7	98.8
MAY	5.3	181	29.3	22/07:11	17	15/10:14	100	100
JUN	5.2	150	18.3	18/11:04	15	14/08:59	100	100
JUL	5.5	131	13.0	5/13:46	5	29/23:56	100	100
AUG	5.8	168	13.6	4/12:20	8	7/08:58	100	100
SEP	4.7	88	11.8	5/12:58	11	23/10:46	100	100
OCT	5.4	137	17.9	18/19:05	8	6/02:45	100	100
NOV	4.8	128	17.7	24/22:45	15	23/10:55	100	100
DEC	[illegible]	137	17.2	22/11:41	20	5/14:38	100	100
JAN	5.8	183	18.3	2/15:28	9	28/03:58	100	100
FEB	6.1	238	21.9	8/08:04	10	11/08:49	100	100
MAR	5.2	134	16.3	29/15:16	11	11/09:00	100	100
Annual	5.4	154	29.3		20		99.8	99.8

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.

TABLE 3.18. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequency Distribution by Hours and Percentage of Time: El Obayed

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	3	0	1	0	0	3	1	0	0	0	8	0.1	0.1
0-1	8	17	16	2	7	2	1	11	12	6	7	4	93	1.1	1.2
1-2	38	51	41	3	15	17	15	57	55	15	25	29	361	4.1	5.3
2-3	88	128	68	21	57	83	63	121	103	62	55	67	916	10.5	15.8
3-4	117	102	111	100	108	146	90	126	82	100	93	139	1314	15.0	30.8
4-5	89	72	97	147	96	160	145	115	96	130	93	144	1384	15.8	46.6
5-6	73	96	97	174	98	154	162	80	115	94	97	131	1371	15.7	62.3
6-7	69	81	104	154	124	107	121	77	101	95	64	101	1198	13.7	76.0
7-8	85	53	80	102	114	34	68	44	105	87	71	43	886	10.1	86.1
8-9	61	65	48	34	73	12	51	25	37	77	52	33	568	6.5	92.6
9-10	49	31	36	6	43	5	15	28	20	48	38	28	347	4.0	96.6
10-11	16	22	10	0	8	0	10	24	14	21	35	20	180	2.0	98.6
11-12	7	9	6	0	0	0	2	8	3	9	21	4	69	0.8	99.4
12-13	5	7	1	0	0	0	0	0	0	0	9	1	23	0.3	99.7
13-14	2	4	0	0	0	0	0	0	0	0	8	0	14	0.2	99.9
14-15	3	3	0	0	0	0	0	0	0	0	3	0	9	0.1	100.0
15-16	0	2	0	0	0	0	0	0	0	0	0	0	2	0	100.0
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	710	743	718	743	744	720	743	719	744	744	671	744	8743	100%	

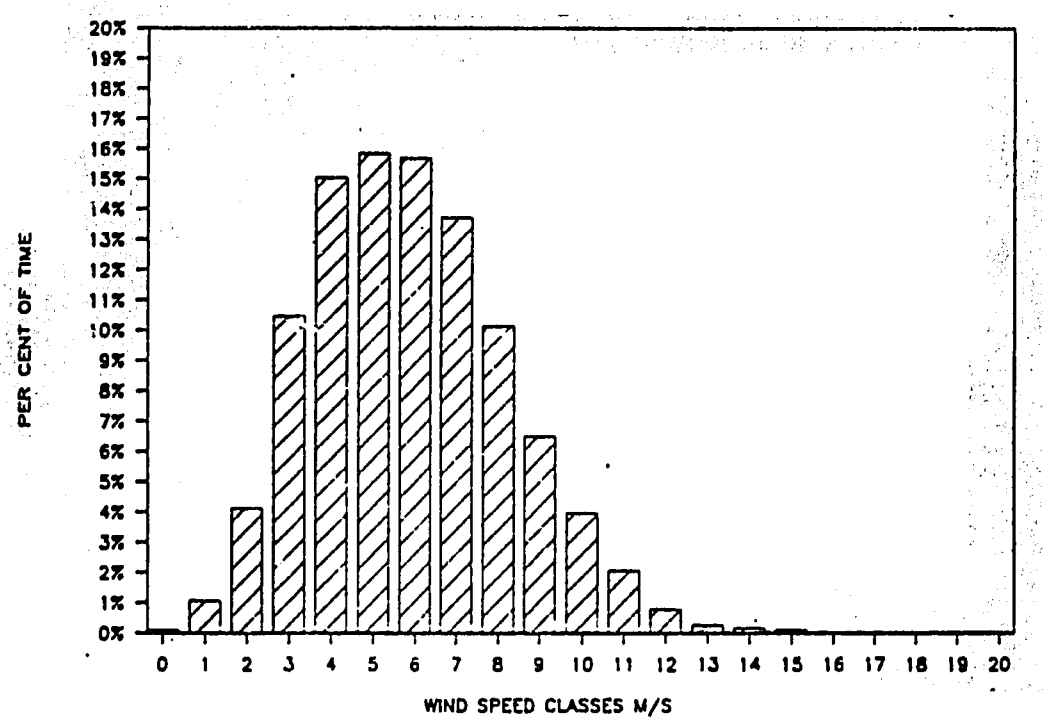


FIGURE 3.31. Frequency Distribution for Wind Speed by Percentage of Time at El Obayed, April 1985 - March 1986

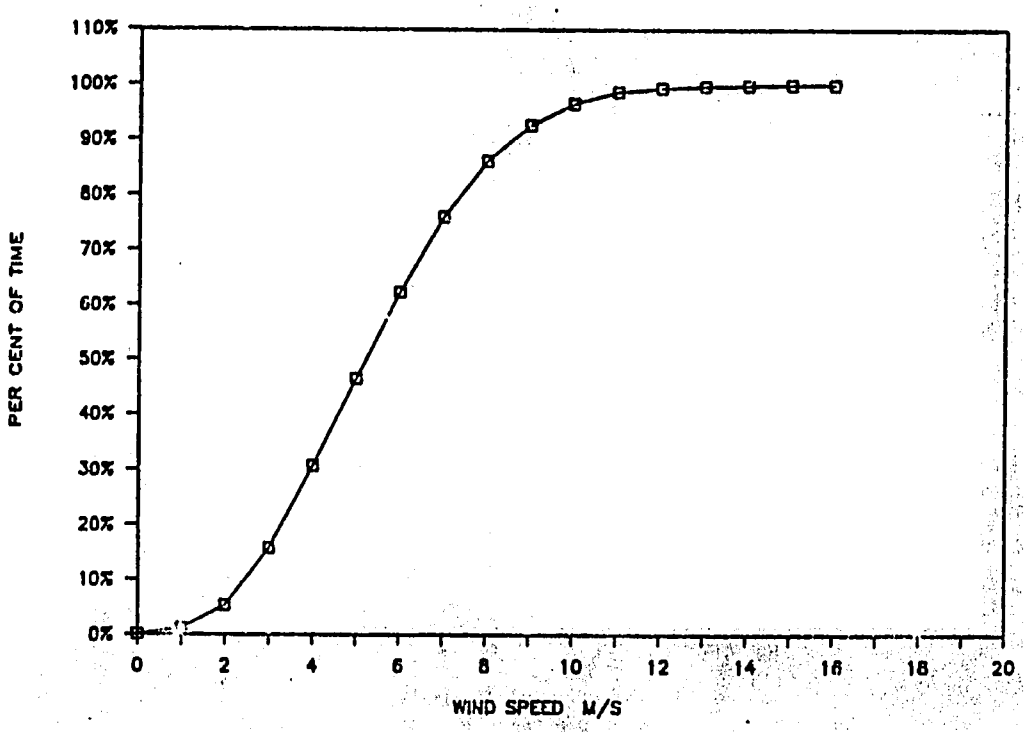


FIGURE 3.32. Cumulative Frequency Distribution by Percentage of Time at El Obayed, April 1985 - March 1986

TABLE 3.19. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: El Obayed, April 1985 - March 1986

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	179	471	660	709	688	296	159	301
5.4-8.0	91	355	401	1225	424	105	144	124
8.0-10.7	60	140	173	510	85	13	65	42
10.7->>	33	39	45	88	12	2	15	8
Total	363	1005	1279	2532	1209	416	383	475

Wind speed less than 2.7 m/s was recorded for 1082 hours, for a total of 8744 hours of data.

b.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	2.0	5.4	7.5	8.1	7.9	3.4	1.8	3.4
5.4-8.0	1.0	4.1	4.6	14.0	4.8	1.2	1.6	1.4
8.0-10.7	0.7	1.6	2.0	5.8	1.0	0.1	0.7	0.5
10.7->>	0.4	0.4	0.5	1.0	0.1	0.0	0.2	0.1
Total	4.2	11.5	14.6	29.0	13.8	4.8	4.4	5.4

Wind speed less than 2.7 m/s was recorded for 12.4% of the total hours.

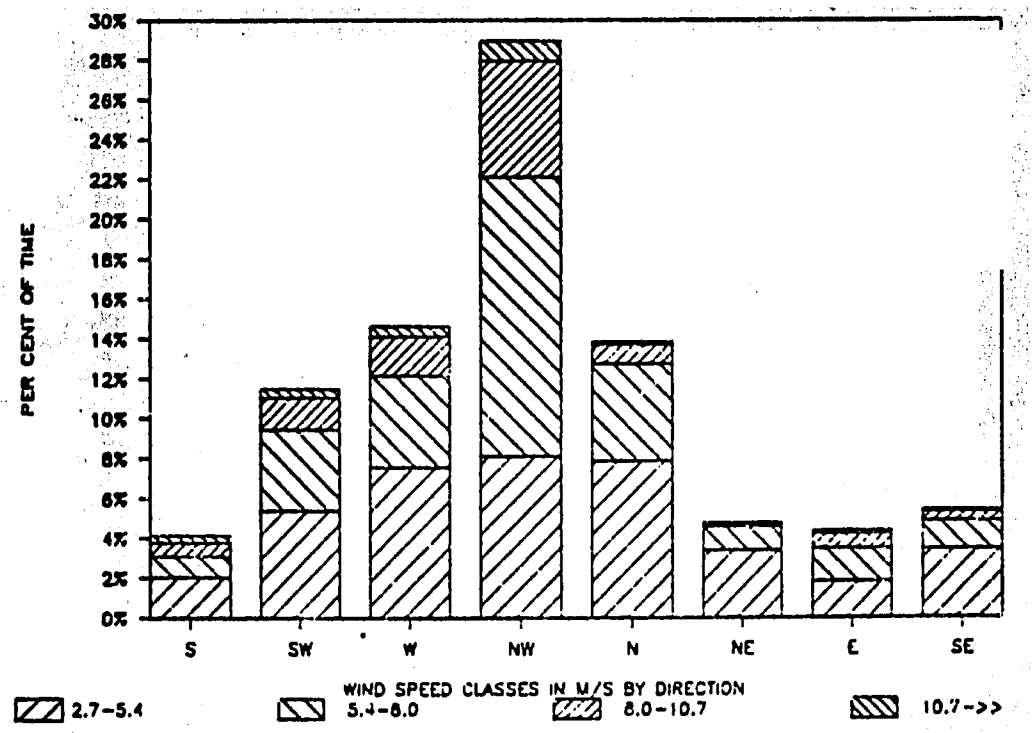
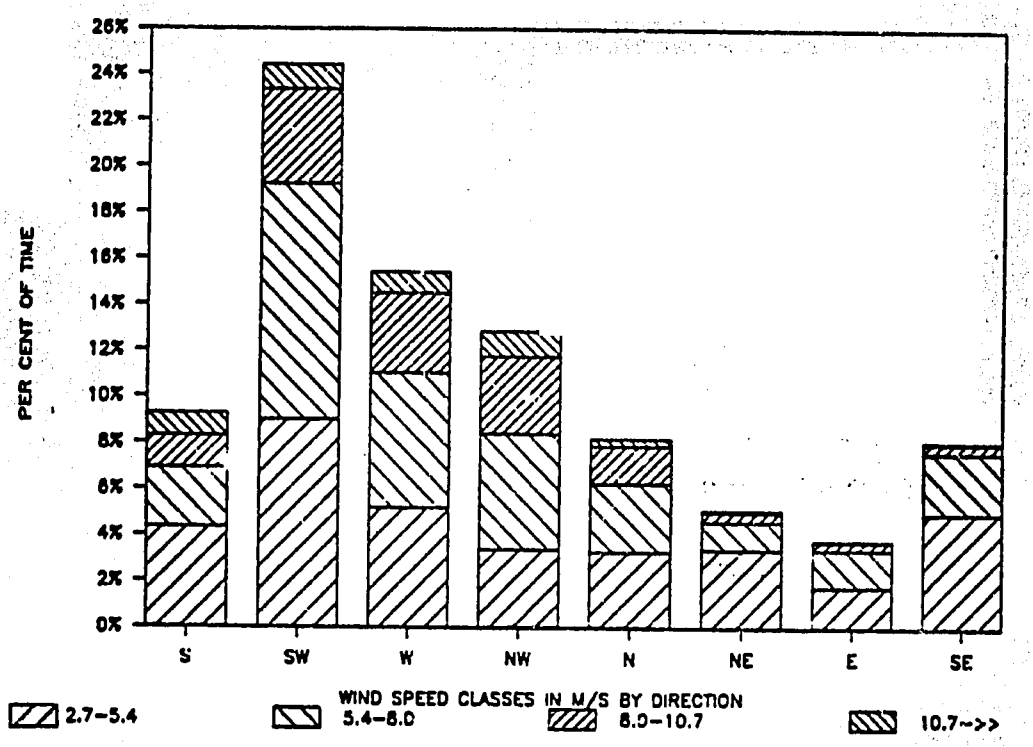


FIGURE 3.33. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at El Obayed, April 1985 - March 1986



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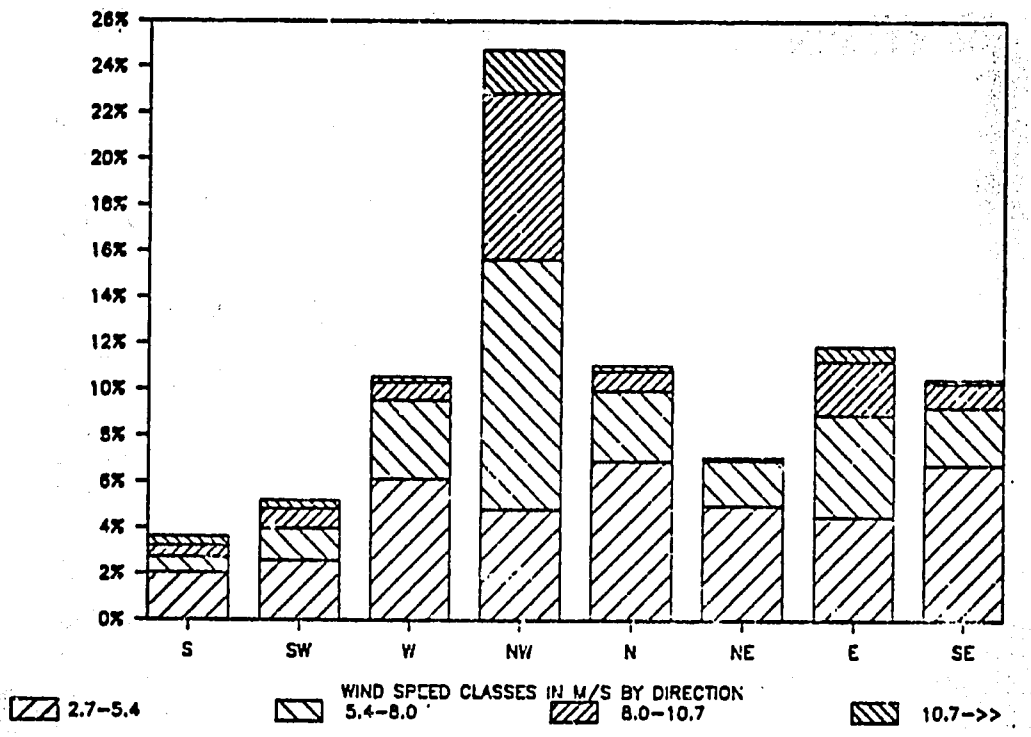
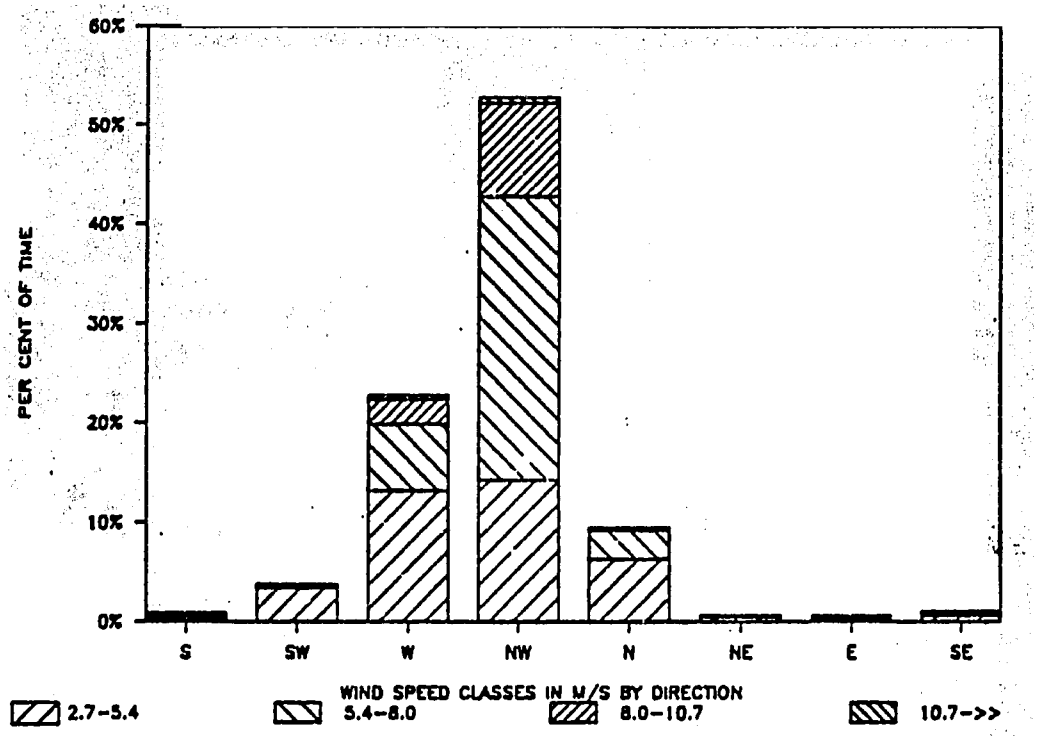


b)

FIGURE 3.34. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at El Obayed, a) December 1985 - February 1986, b) March 1986 and April-May 1985



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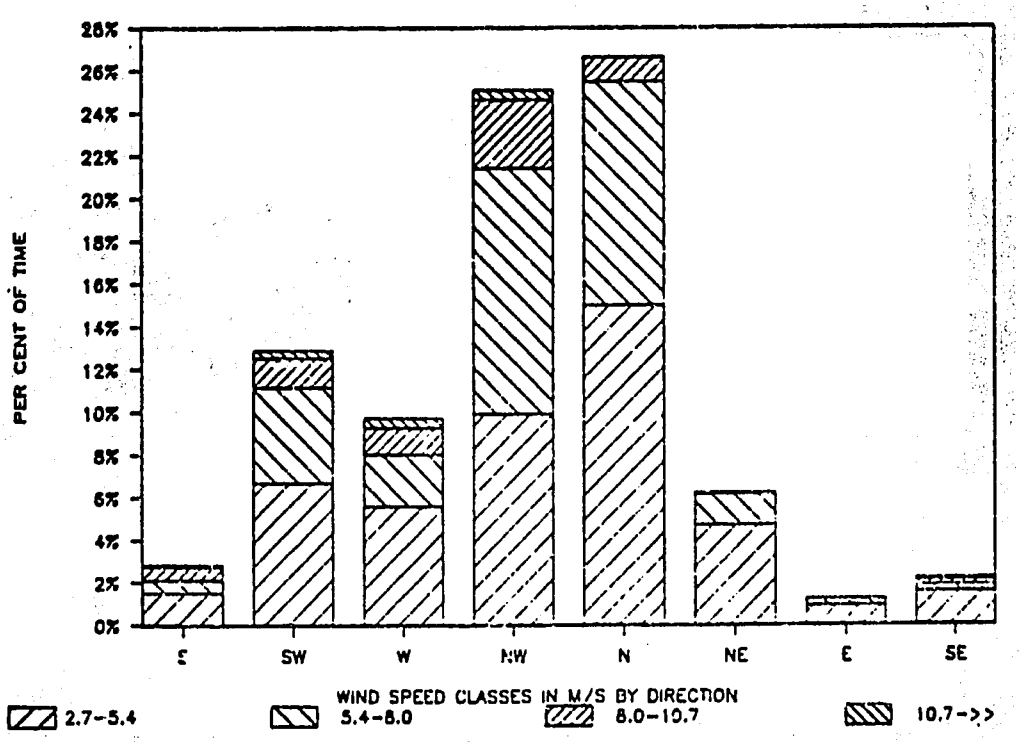

b)

FIGURE 3.35. Joint Frequency Distribution for Wind Speed by Percentage of Time at El Obayed, a) June-August 1985, b) September-November 1985

3.2.3 El Kasr

El Kasr is a small agricultural community approximately 8.3 km west of Mersa Matruh by road. The village is in a flat area, and is characterized by numerous small olive groves.

The tower is located 1 km to the north of the village in the beach area between the village and the Mediterranean. The site is generally flat, but is characterized by small, stabilized sand dunes not greater than 5 m in height. The tallest dune is a continuous feature running parallel to the coastline, halfway between the site and the water. This dune is approximately 10 m in height.

Table 3.20 shows the monthly wind statistics for the site. The measurement program was terminated in early January. Judged from the data that are available, the site has a reasonably good wind resource with no clear seasonal preference. As with the other Mediterranean sites, gusts were relatively low, except for a high gust occurring on 22 May (24.4 m/s). Lulls of wind speeds less than 2.7 m/s frequently exceeded ten hours at this site throughout the measurement period. The average hourly wind speeds and the standard deviation of the hourly values are shown in Figure 3.36. The figure shows a late afternoon maximum wind speed, and a relatively low diurnal variation. Figure 3.37 gives the monthly power fluxes, which indicate only a slight seasonal maximum wind resource occurring during winter and spring.

In early January 1986, the measurement system ceased to record data. A visual inspection of the equipment revealed that the most likely source of the problem was a broken sensor wire near the top of the tower. Because of the proximity of the site to El Obayed, and the similarity in measurement results between the two sites, measurements were terminated at El Kasr in January, which accounts for a significant portion of the data loss for this site. The tower was also heavily corroded due to its proximity to the water during the measurement period.

Table 3.21 shows the monthly wind speed frequency distributions. Only about 3% of the hourly average wind speeds exceeded 8 m/s during the measurement period. The wind speed frequency distributions by percent of time are shown in Figure 3.38, and the cumulative distribution by percent of time are shown in Figure 3.39. These patterns are typical for windy sites.

Table 3.22 gives the joint wind speed and direction frequency distribution for the measurement period, showing the the winds were predominantly from the north and northwest. This is shown graphically in Figure 3.40 by percent of time. Figures 3.41 and 3.42 show the joint frequency distribution by season, indicating that during winter, winds from the southwest prevail, but that for the remainder of the year they are from the northwest. This is consistent with the other Mediterranean sites, and is a result of the influence of frequent storms that pass over the region during the winter.

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TABLE 3.20. Monthly Wind Statistics for El Kasr

	Average Velocity (m/s)	Power Flux (W/m^2)	Peak Wind[a] Speed (m/s)	Peak Wind[a] Occurring at (date/time)	Longest Lull[b] Length (hr)	Longest Lull[b] Ending at (date/time)	Data Recovery Rate Hourly %	Data Recovery Rate Summarized %
APR	5.0	129	17.7	29/14:42	6	26/21:01	95.3	95.1
MAY	4.7	122	24.4	22/06:54	22	19/19:22	100	100
JUN	4.7	104	16.5	2/08:48	19	7/12:36	100	100
JUL	5.1	103	11.8	5/13:52	7	16/03:38	100	100
AUG	5.3	136	14.3	4/00:34	16	7/11:51	100	100
SEP	4.4	74	10.9	5/13:00	12	28/09:36	100	100
OCT	5.1	115	16.5	19/00:47	6	25/09:15	100	100
NOV	4.4	93	17.0	25/06:59	12	22/03:21	100	100
DEC	5.3	155	22.8	22/01:17	11	16/10:31	98.4	100
JAN							0	0
FEB							0	0
MAR							0	0
Annual	4.9	114	24.4		22		74.7	74.9

(a) Highest 2-second sample.
(b) Longest consecutive lull of wind speed less than 2.7 m/s.

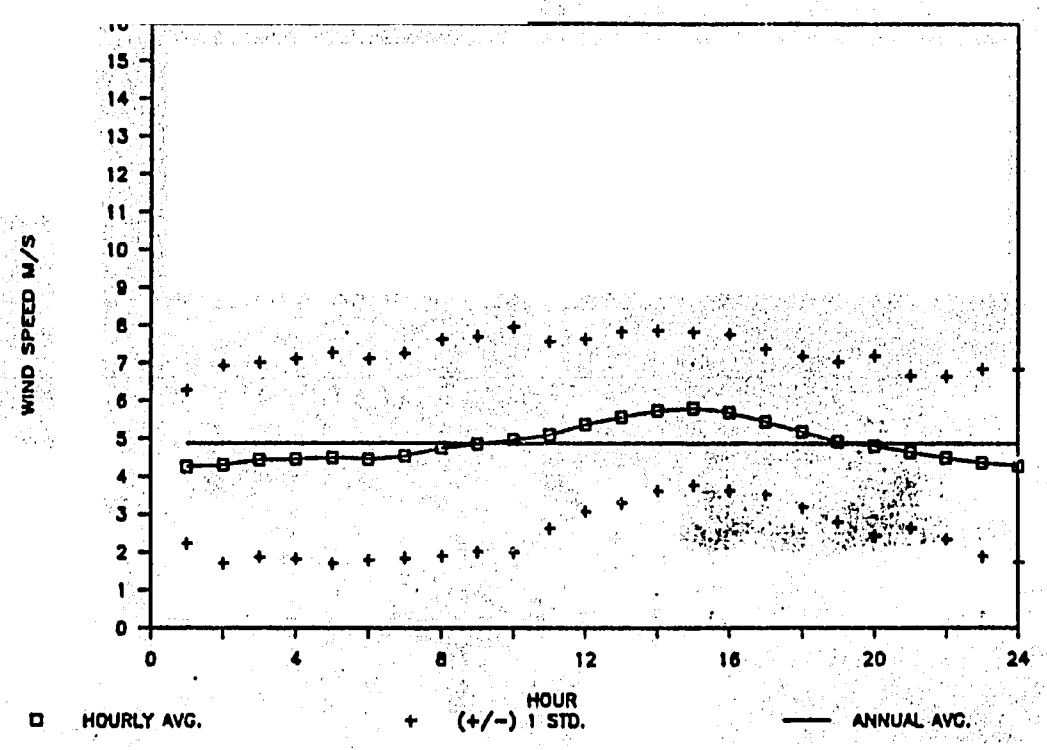


FIGURE 3.36. Hourly Average Wind Speed at El Kasr, April-December 1985

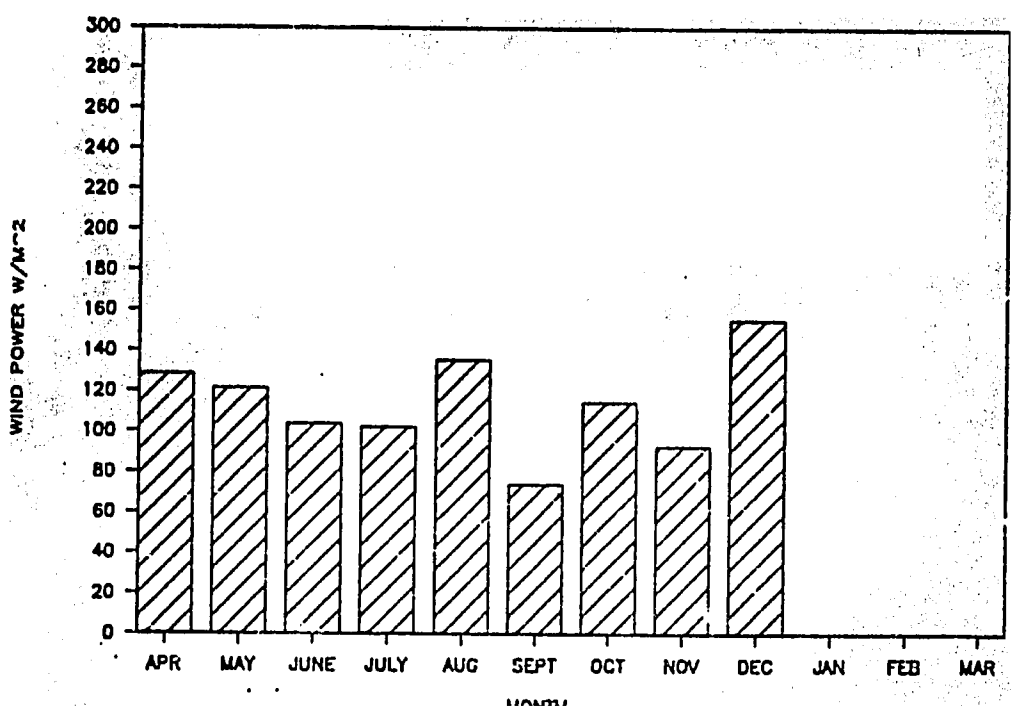


FIGURE 3.37. Monthly Power Flux, in W/m^2, at El Kasr

TABLE 3.21. Monthly Wind Speed Frequency Distribution by Hours and Annual Wind Speed Frequenc Distribution by Hours and Percentage of Time: El Kasr

Wind Speed (m/s)	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Annual Summary: Number of Hours	Annual Summary: Percent of Time	Annual Summary: Cumulative Percent
0	0	0	0	0	0	0	0	0	0	0	0	0
0-1	8	18	10	1	2	4	1	4	6	54	0.8	0.8
1-2	33	67	44	7	21	32	18	58	45	325	5.0	5.8
2-3	104	133	124	52	83	113	69	128	106	912	13.9	19.7
3-4	138	107	103	112	113	133	123	171	102	1102	16.8	36.5
4-5	102	116	120	148	102	158	149	144	108	1147	17.5	54.0
5-6	85	94	105	199	117	162	174	69	90	1095	16.7	70.7
6-7	67	58	98	168	124	87	87	53	73	815	12.4	83.1
7-8	76	67	74	45	107	24	68	36	75	572	8.7	91.8
8-9	36	48	29	10	57	7	40	26	65	318	4.9	96.7
9-10	19	16	9	1	18	0	11	20	37	131	2.0	98.7
10-11	10	12	3	0	0	0	3	9	18	55	0.9	99.6
11-12	3	4	0	0	0	0	0	1	7	15	0.2	99.8
12-13	4	2	0	0	0	0	0	0	0	6	0.1	99.9
13-14	0	0	0	0	0	0	0	0	0	0	0	99.9
14-15	0	1	0	0	0	0	0	0	0	1	0	100.0
15-16	0	0	0	0	0	0	0	0	0	0	0	100.0
16-17	0	0	0	0	0	0	0	0	0	0	0	100.0
17-18	0	0	0	0	0	0	0	0	0	0	0	100.0
18-19	0	0	0	0	0	0	0	0	0	0	0	100.0
19-20	0	0	0	0	0	0	0	0	0	0	0	100.0
Total	685	743	719	743	744	720	743	719	732	6548	100%	

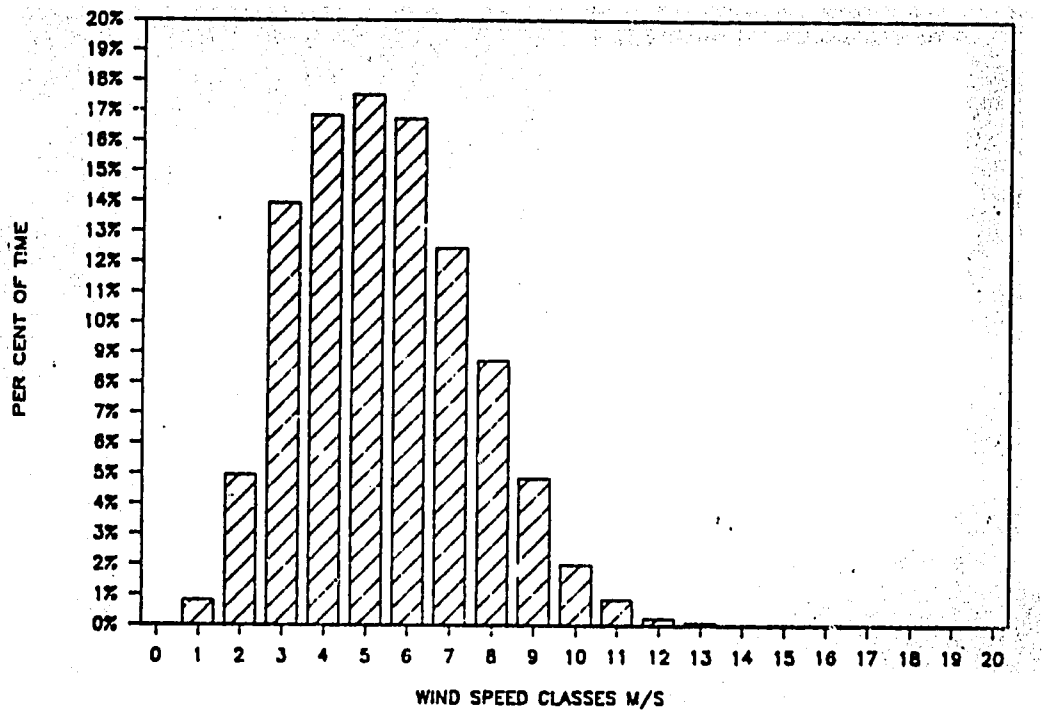


FIGURE 3.38. Frequency Distribution for Wind Speed by Percentage o Time at El Kasr, April-December 1985

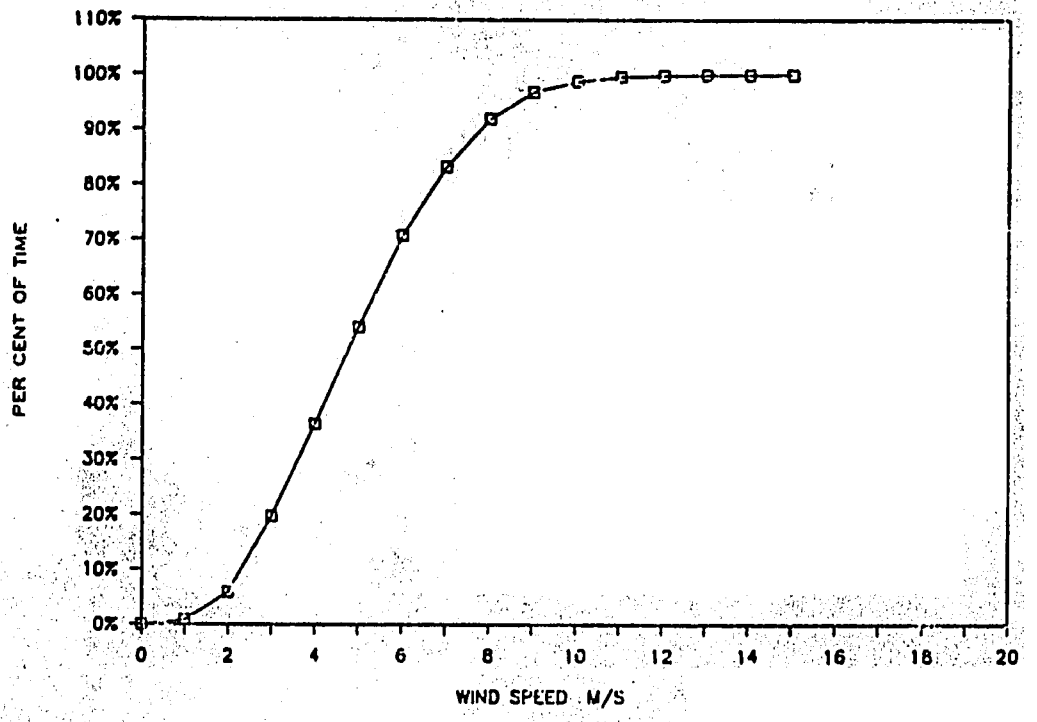


FIGURE 3.39. Cumulative Frequency Distribution by Percentage of Time El Kasr, April-December 1985

TABLE 3.22. Joint Frequency Distribution for Wind Speed and Direction by a) Number of Hours and b) Percentage of Time: El Kasr, April 1985 - December 1985

a.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	213	217	505	445	817	421	159	148
5.4-8.0	44	107	126	774	724	158	68	51
8.0-10.7	11	69	40	267	108	10	23	20
10.7->>	3	14	12	29	8	1	2	3
Total	271	407	683	1515	1657	590	252	222

Wind speed less than 2.7 m/s was recorded for 965 hours, for a total of 6562 hours of data.

b.

Wind Speed (m/s)	South	South-west	West	North-west	North	North-east	East	South-east
2.7-5.4	3.2	3.3	7.7	6.8	12.5	6.4	2.4	2.3
5.4-8.0	0.7	1.6	1.9	11.8	11.0	2.4	1.0	0.8
8.0-10.7	0.2	1.1	0.6	4.1	1.6	0.2	0.4	0.3
10.7->>	0.0	0.2	0.2	0.4	0.1	0.0	0.0	0.0
Total	4.1	6.2	10.4	23.1	25.3	9.0	3.8	3.4

Wind speed less than 2.7 m/s was recorded for 14.7% of the total hours.

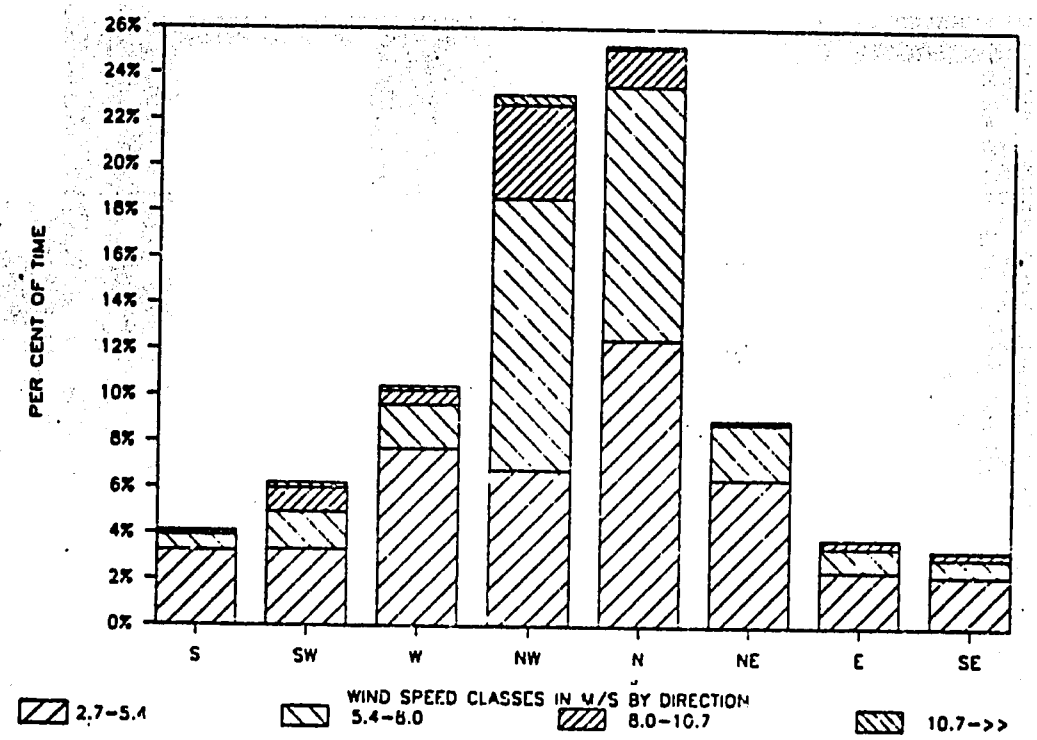
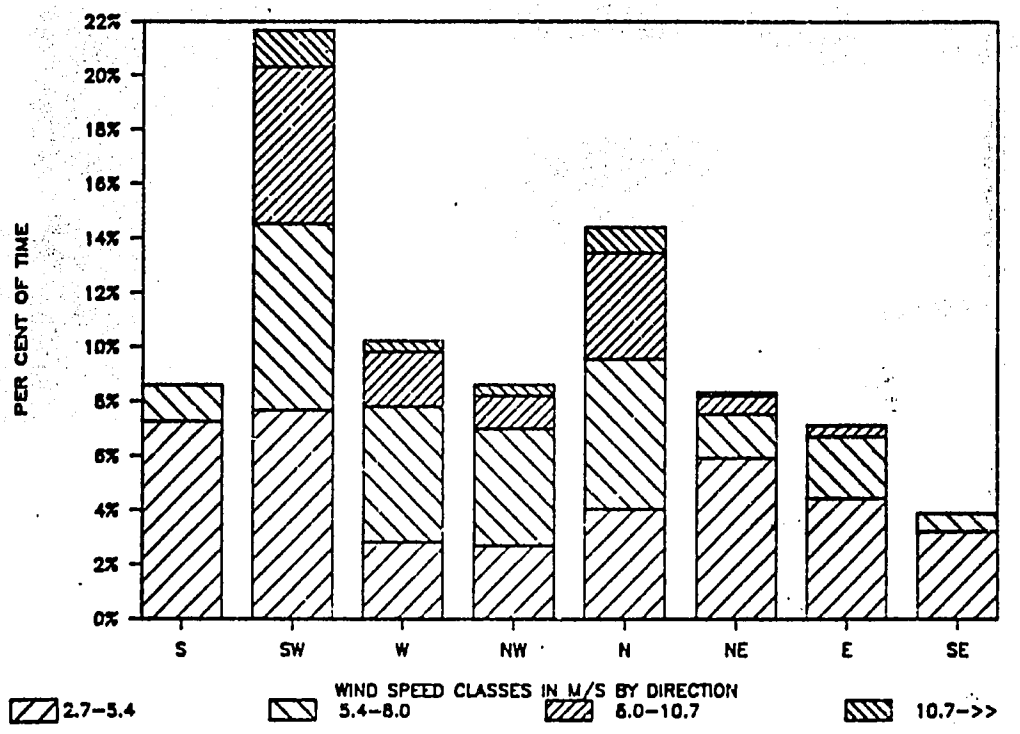
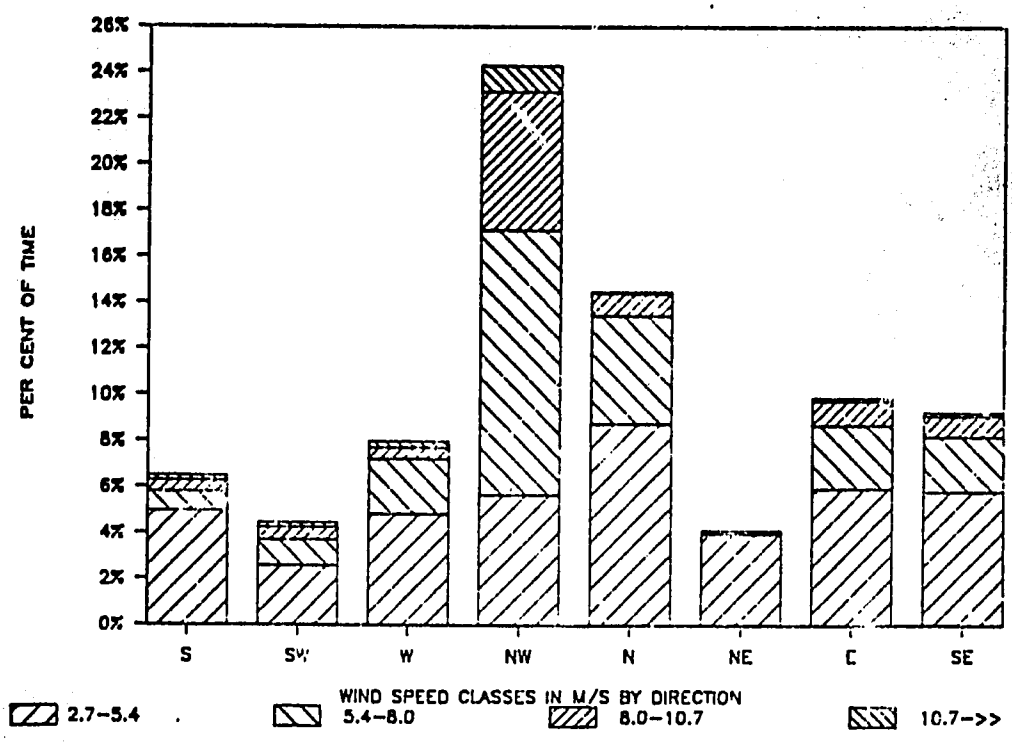


FIGURE 3.40. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time El Kasr, April-December 1985

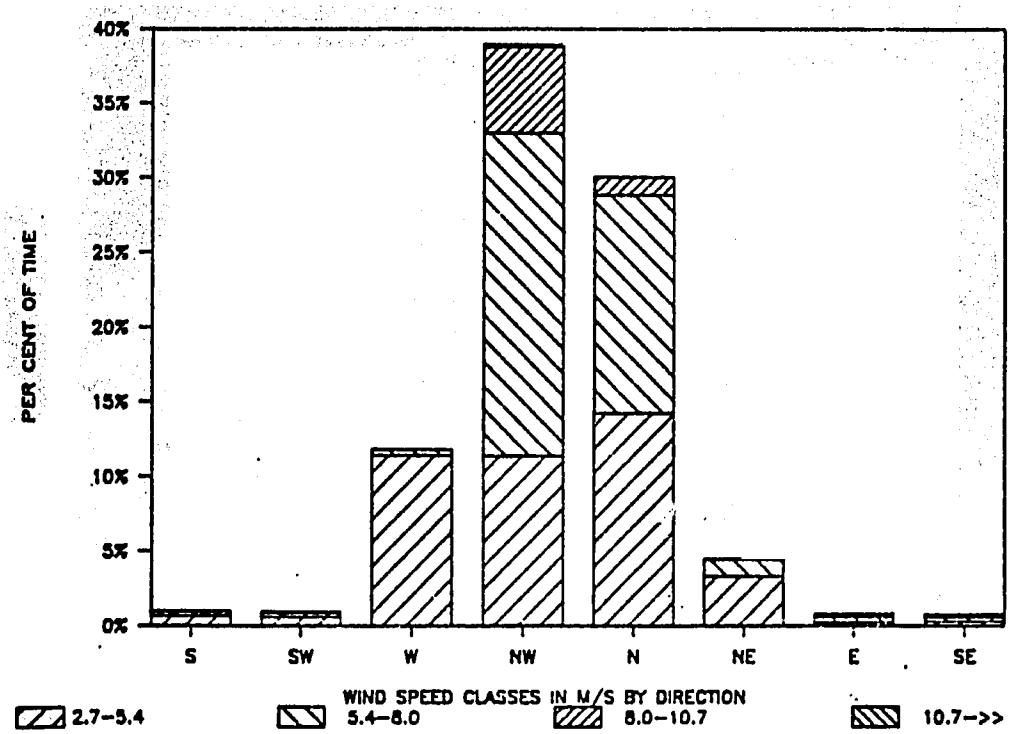


a)

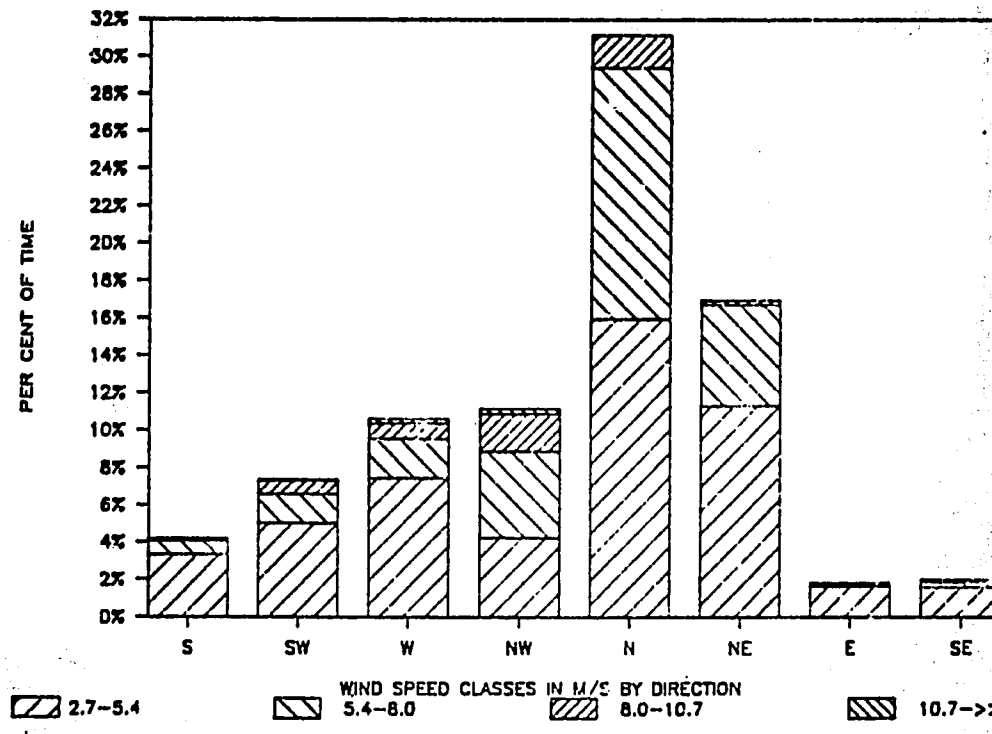


b)

FIGURE 3.41. Joint Frequency Distribution for Wind Speed and Direction by Percentage of Time at El Kasr, a) December 1985, b) April-May 1985



a)



b)

FIGURE 3.42. Joint Frequency Distribution for Wind Speed and Direction Percentage of Time at El Kasr, a) June-August 1985, b) September-November 1985

4.0 WIND SHEAR EXPONENT

The way the horizontal wind speed varies as a function of height above the ground is known as vertical wind shear. Information about vertical wind shear is important for evaluating the wind resource at the hub height of a wind turbine rotor if that height differs from the measuring heights. As shown in Table 1.1., one site in each region was equipped with a 20-m tower and had wind speed and direction sensors at the 10-m and 20-m levels. The data gathered by these sensors allows documentation of the vertical wind shear at these sites.

The vertical shear can be described mathematically from the "Power Law" equation:

$$V_{20}/V_{10} = (Z_{20}/Z_{10})^{a} \qquad (4.1)$$

where V_{20} and V_{10} are the concurrent hourly average wind speeds at the 20-m and 10-m levels on the tower, respectively; Z_{20} and Z_{10} are the heights of the sensors (20 m and 10 m, respectively), and a is the wind shear exponent.

Rewriting Equation (4.1):

$$a = 1.44\ [\ln (V_{20}/V_{10})] \qquad (4.2)$$

When a = 1/7 (0.143), Equation (4.2) becomes the well-known "1/7 power law relation." This is a wind shear exponent value commonly observed during conditions when the atmosphere is well-mixed vertically, as normally occurs during the daytime, and the terrain is flat with low vegetation. At night, when the atmosphere is "stable" (i.e., very little vertical mixing occurs), the wind shear exponent can be much higher than the 1/7 value. The wind shear exponent can also vary significantly over non-smooth terrain.

Figure 4.1 shows the hourly average wind speed from the two levels at both Ras Ghareb (4.1a) and Ras el Hekma (4.1b) for the measurement period April 1985 through September 1986. The figures show that the difference in wind speed values between the two levels is much smaller during the daytime than at night, particularly for Ras Ghareb. Figure 4.2 shows the diurnal variation of the wind shear exponent for Ras Ghareb (4.2a) and Ras el Hekma (4.2b) for the same measuring period. The lower daytime values indicate that vertical mixing is much more vigorous during the day, when solar heating is at a maximum. The lower values at Ras Ghareb, compared with Ras el Hekma, can be the result of two factors. First, winds are stronger at Ras Ghareb than at Ras el Hekma.

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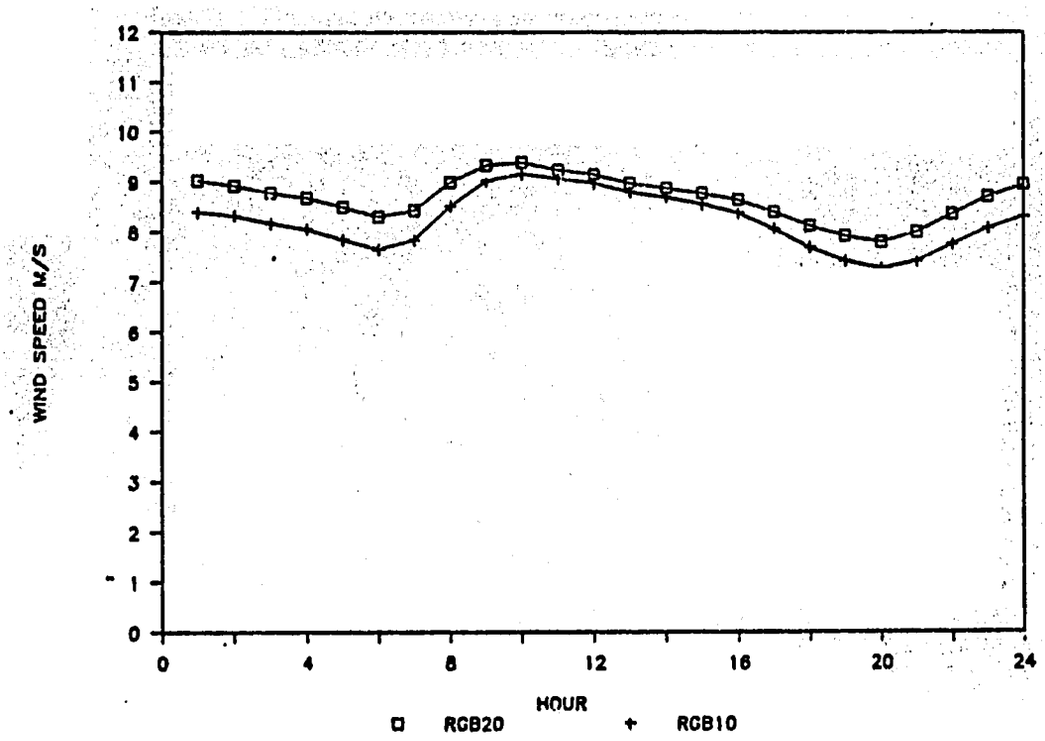
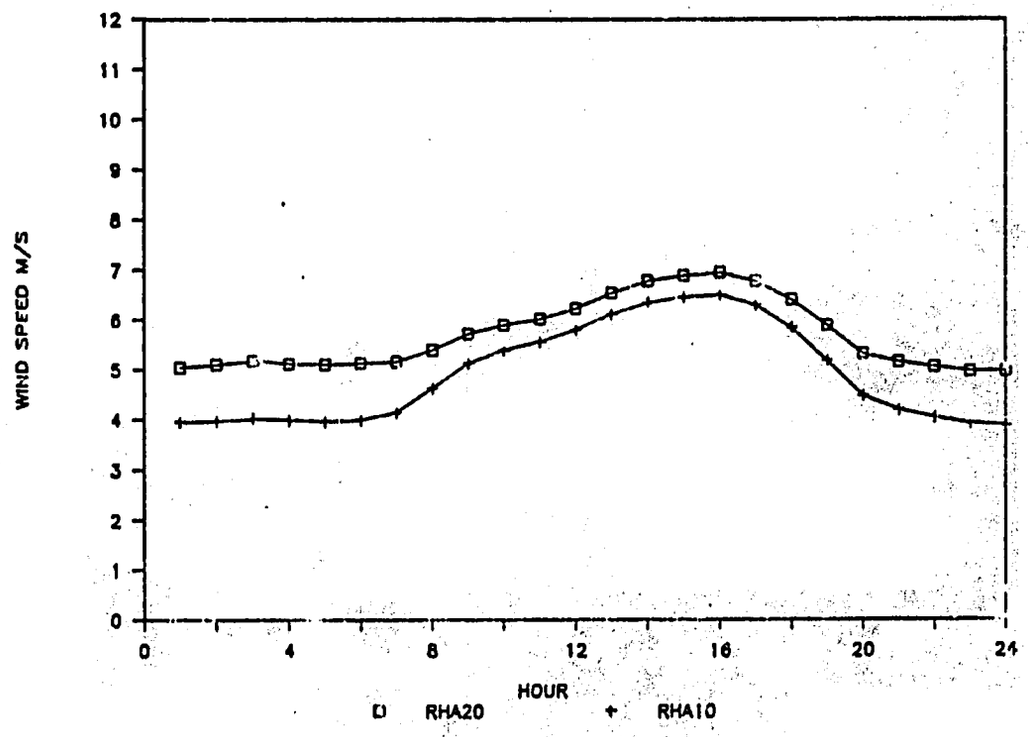
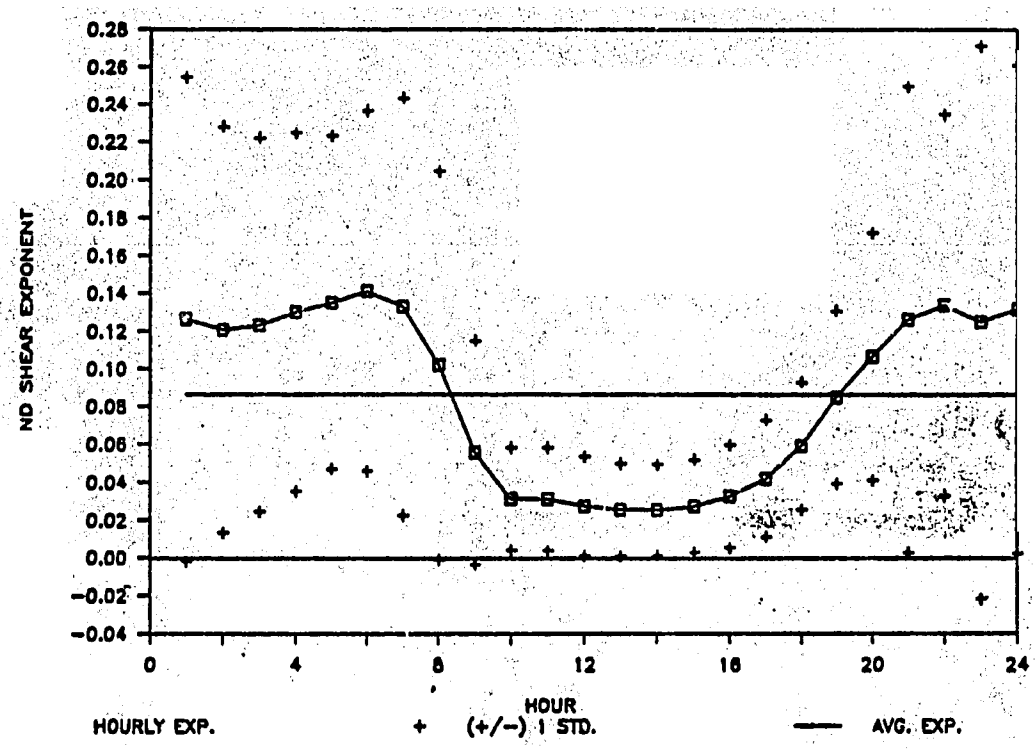


a)

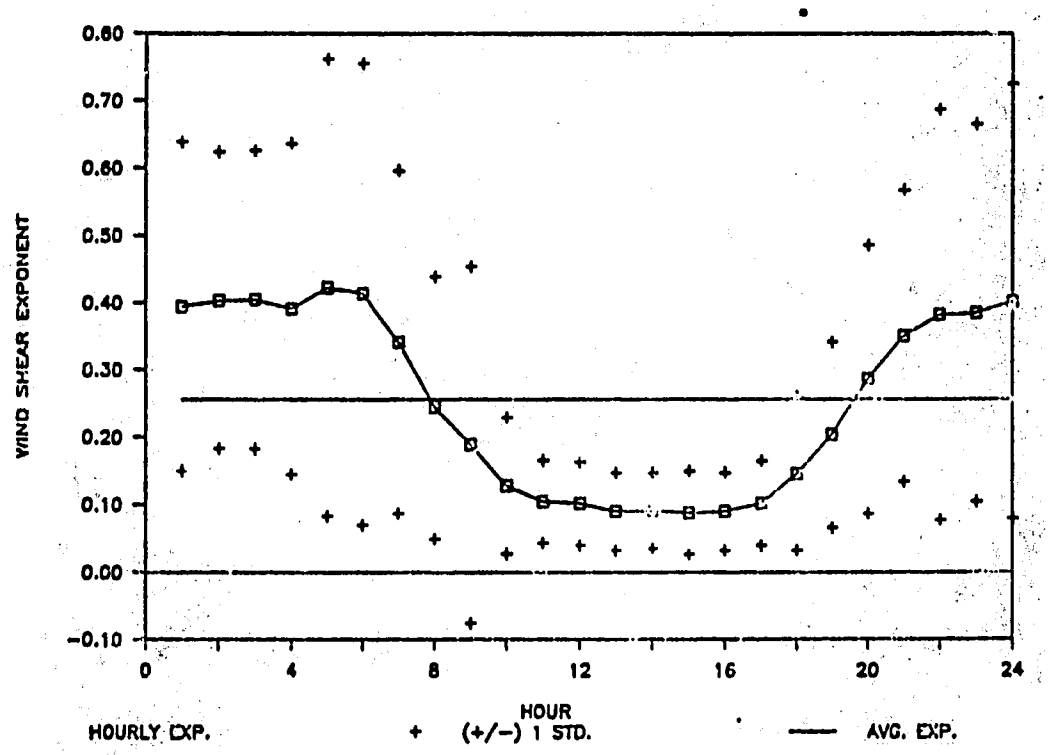


b)

FIGURE 4.1. Hourly Average Wind Speeds at 10 m and 20 m AGL April 1985 March 1986. a) Ras Ghareb, b) Ras el Hekma



a)



b)

FIGURE 4.2. Wind Shear Exponent by Time of Day, April 1985 - March 1986. a) Ras Ghareb, b) Ras'el Hekma

This would act to cause more vigorous vertical mixing of the air, which would diminish the difference in wind speeds between the two levels. Second, terrain configuration at Ras Ghareb, which is on a ridge crest, can act to reduce wind speed differences between the two levels. The shape of the ridge acts to accelerate winds near the ground. As a result, at Ras Ghareb, winds at 10 m above the ground experience more acceleration than winds at 20 m above the ground, resulting in a smaller difference in speeds between the two levels than the flat terrain values measured at Ras el Hekma.

5.0 COMPARISON OF ACTUAL AND RAYLEIGH DISTRIBUTION PATTERNS

Knowledge of the frequency distribution of wind speeds at a specific site is essential for estimating wind turbine energy production. When measured information on wind speed distributions is not available, it is common practice to develop this information using mathematical approximations. Because the actual distribution data are available for the six wind measuring sites discussed in this report, it is possible and of interest to compare the measured distributions with the commonly used mathematical approximations.

The shape of a typical hourly wind speed frequency distribution at a site can be described mathematically using a Weibull distribution. This distribution is expressed as:

$$f(V)dV = (k/c)\ (V/c)^{k-1} \exp[-(V/c)k]dV \qquad (5.1)$$

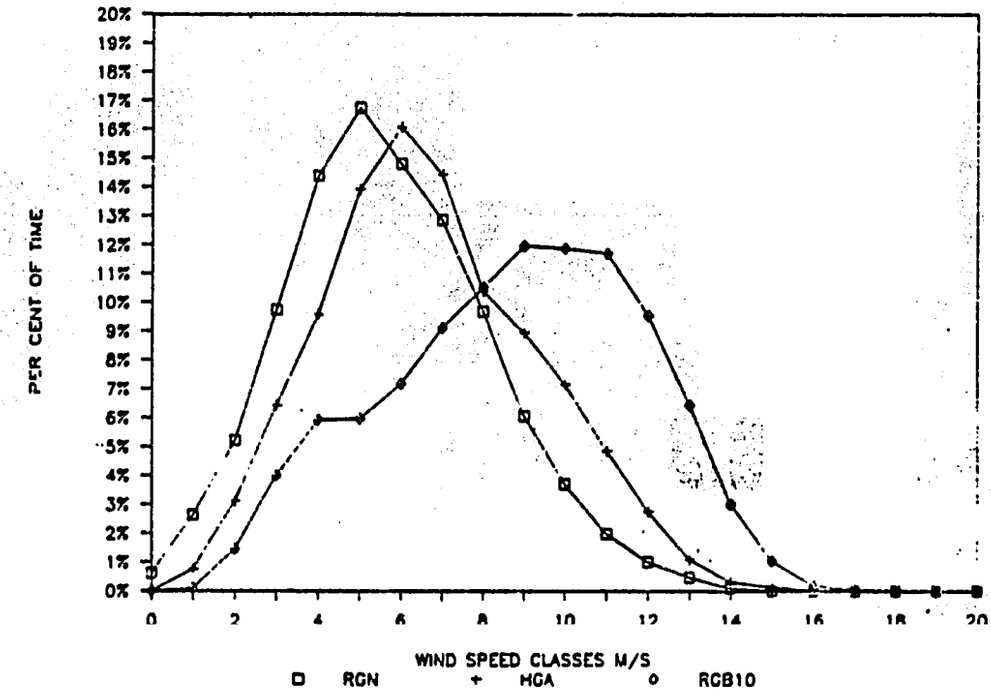
where f(V) is the frequency of occurrence of wind speed V for a specified wind speed class dV, k is a dimensionless shape factor, and c is a scale factor related to the site's mean wind speed. Although knowledge of the actual shape factor, k, is required to establish the Weibull distribution for a given site, a reasonable approximation is that k = 2. Then Equation (5.1) reduces to the Rayleigh distribution:

$$f(V) = \frac{V\pi}{2\bar{V}^2} \exp[\frac{-V^2\pi}{4\bar{V}}] \qquad (5.2)$$

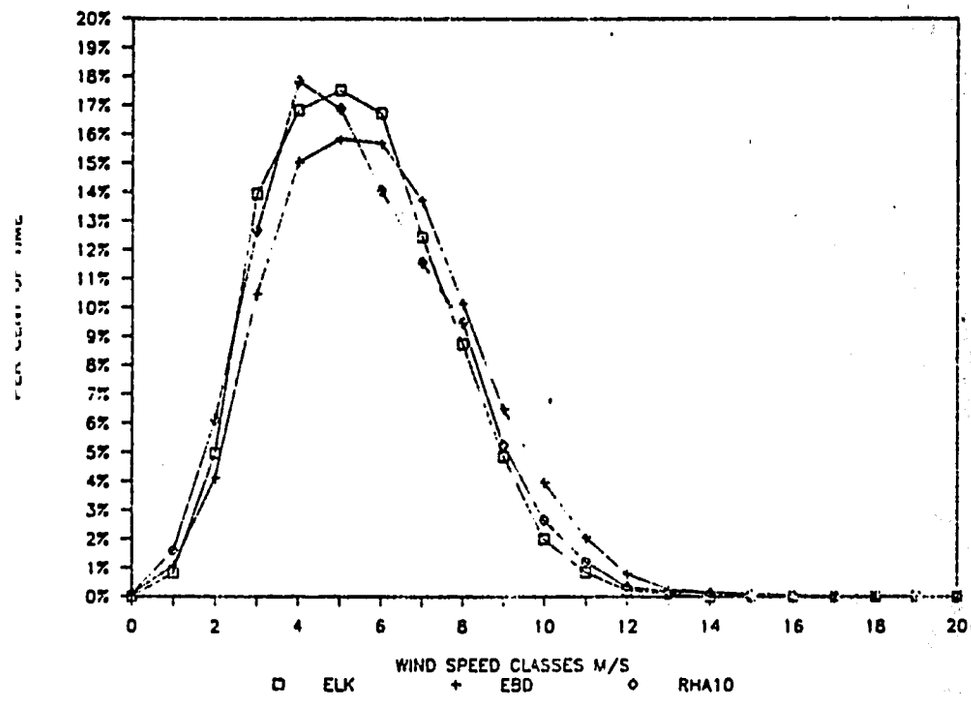
where $\bar{V}$ is the site's mean wind speed. The Rayleigh distribution is a commonly used approximation of the actual wind speed distribution for use in wind energy analyses.

Comparisons of the actual and the Rayleigh distributions for the six sites are shown in this section. The Rayleigh distribution was calculated from Equation (5.2). The frequency of occurrence is shown both as a percentage of the total time and the actual number of hours within the 6-month period that the hourly wind speed, V, falls within a given 1 m/s class.

The information is presented by first comparing the actual frequency distributions of the three sites in each region (Figure 5.1). Then, for each region, a comparison of the actual and the Rayleigh distribution patterns is presented for each site, and for both levels of the two-level sites. The frequencies are given first as the total number of hours within each wind speed class, and then as the percent frequency of occurrence within each wind speed class. This information is presented in Figures 5.2 through 5.5.



a)



b)

FIGURE 5.1. Frequency Distribution for Wind Speed by Percentage of Time, April 1985 - March 1986. a) Red Sea Sites, b) Mediterranean Sites

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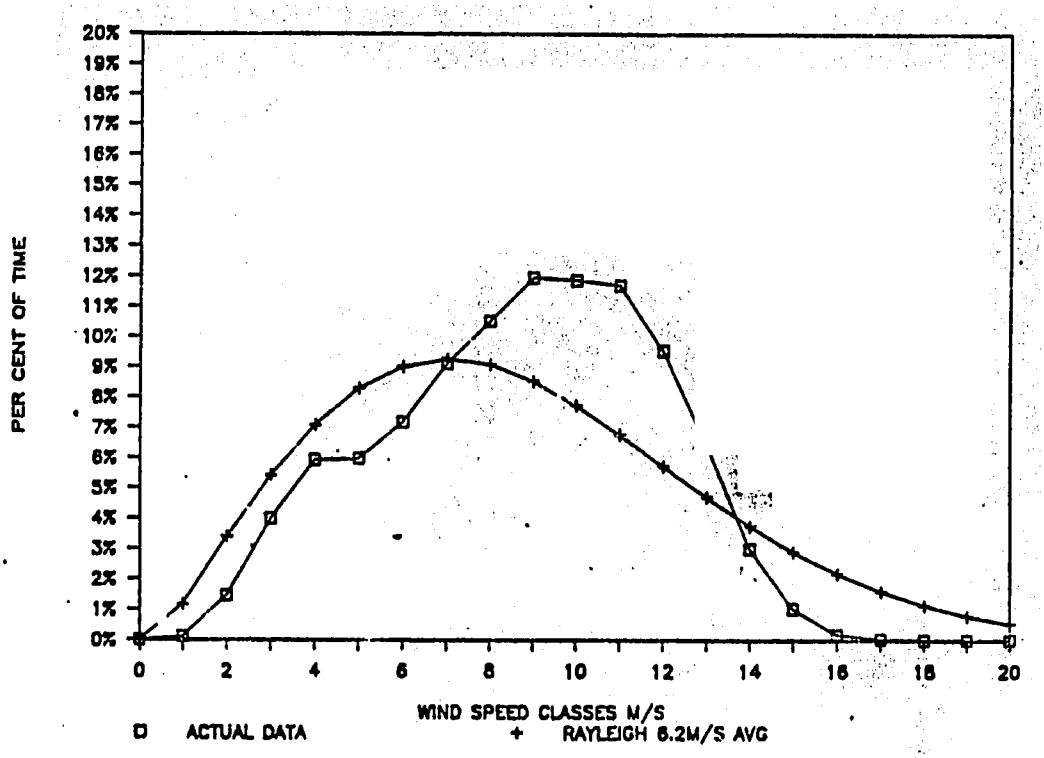
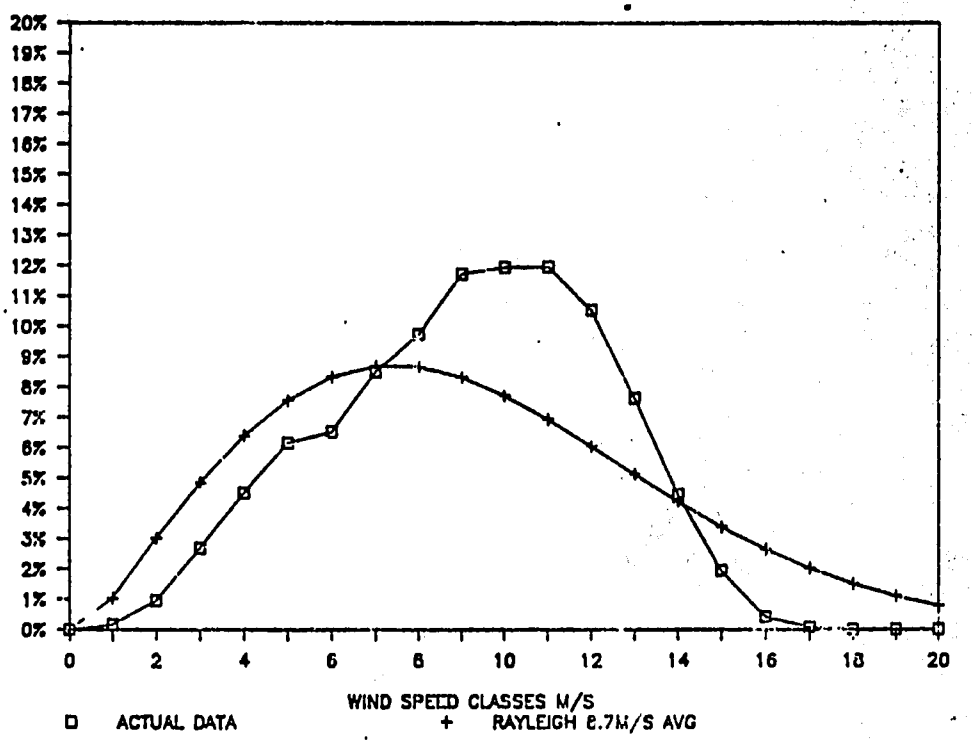
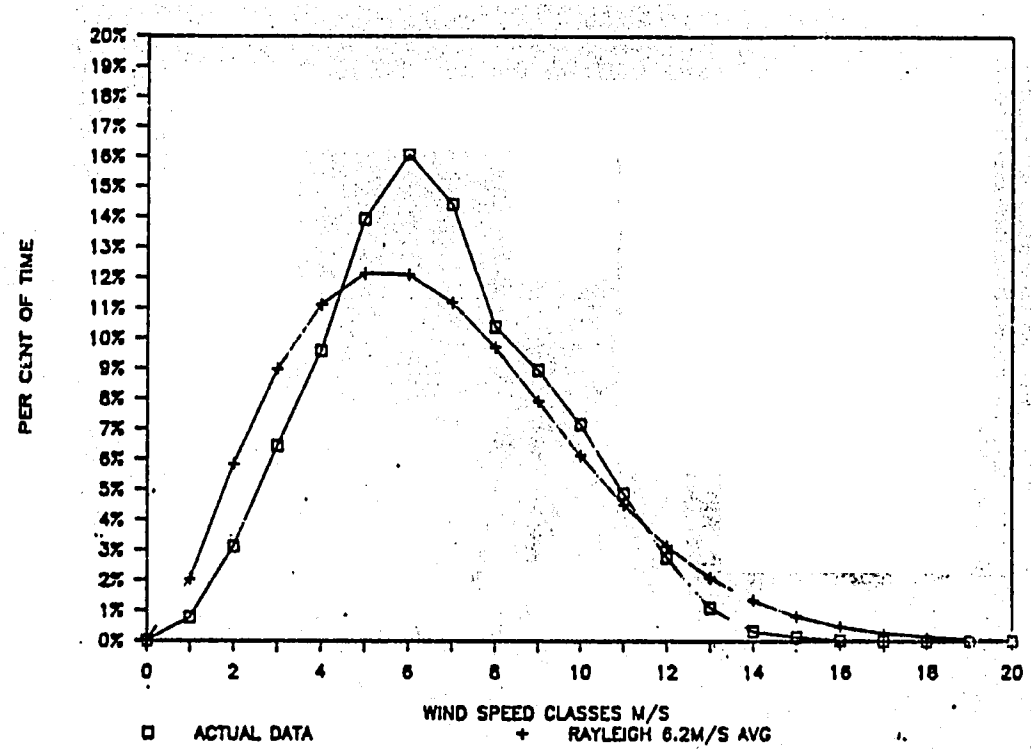


a)



b)

FIGURE 5.2. Frequency Distribution for Wind Speed by Percentage of Time April 1985 - March 1986, Contrasting Actual and Rayleigh Distributions. a) Ras Ghareb (10 m AGL), b) Ras Ghareb (20 m AGL)



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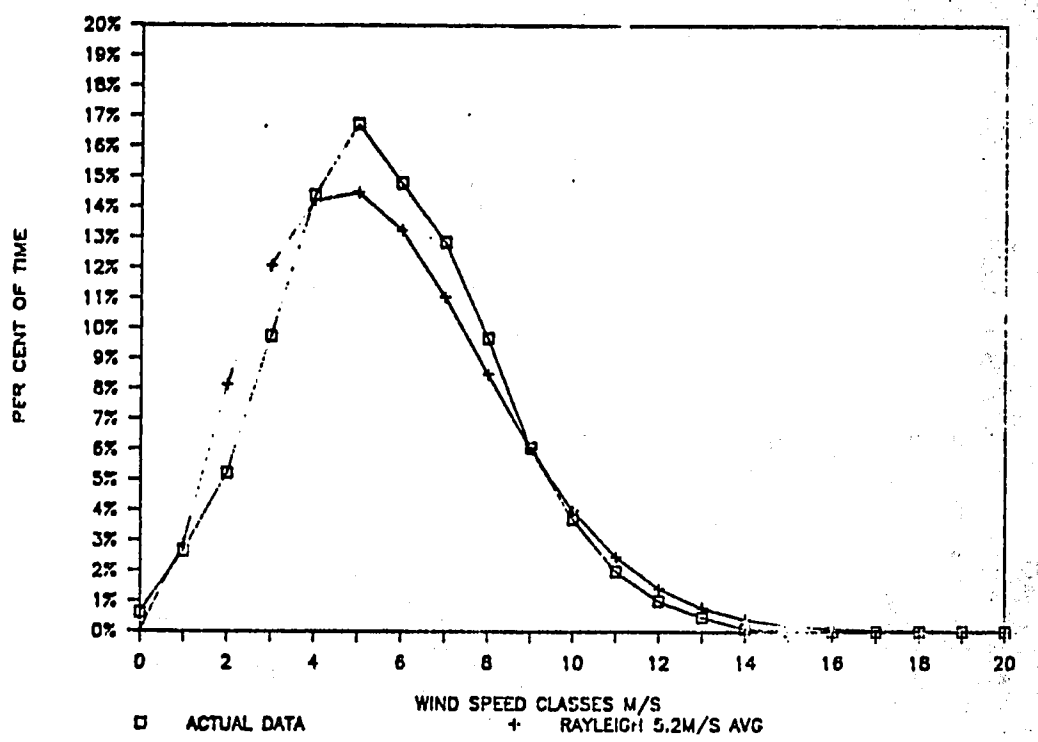
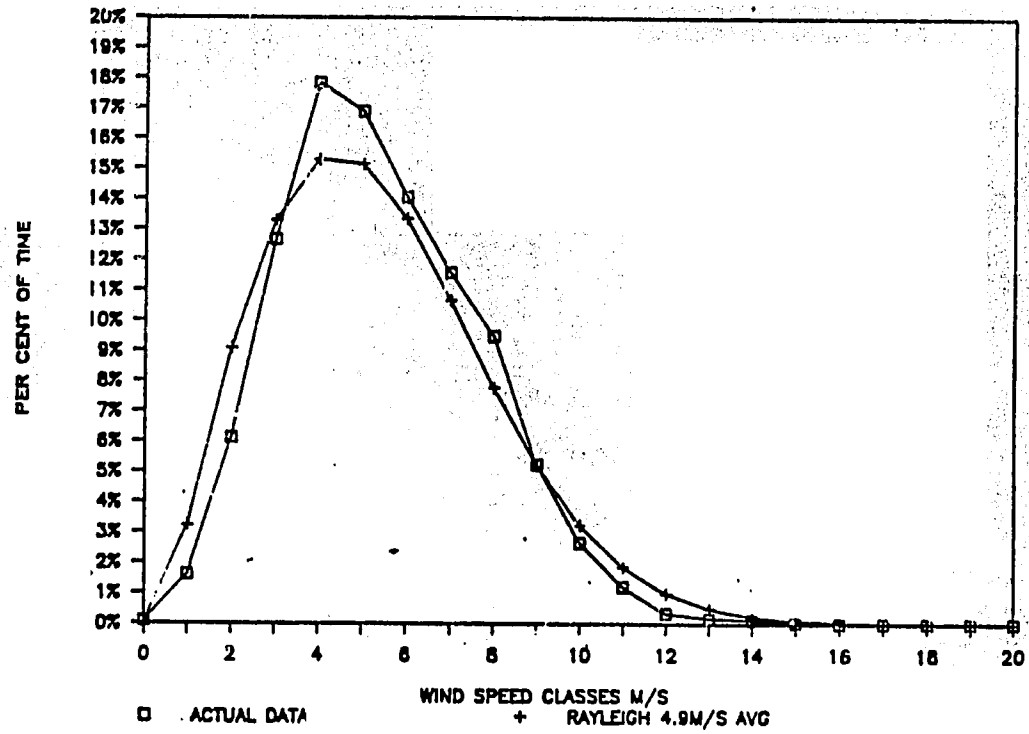
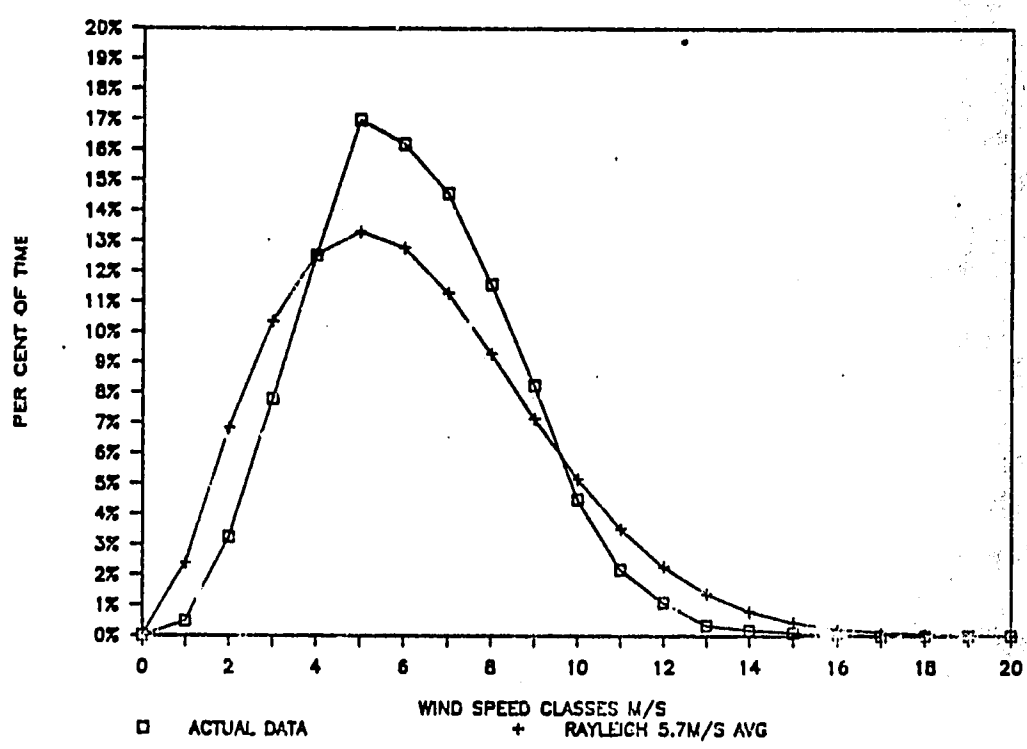


b)

FIGURE 5.3. Frequency Distribution for Wind Speed by Percentage of Time April 1985 - March 1986, Contrasting Actual and Rayleigh Distributions. a) Hurghada, b) Ras Gollan

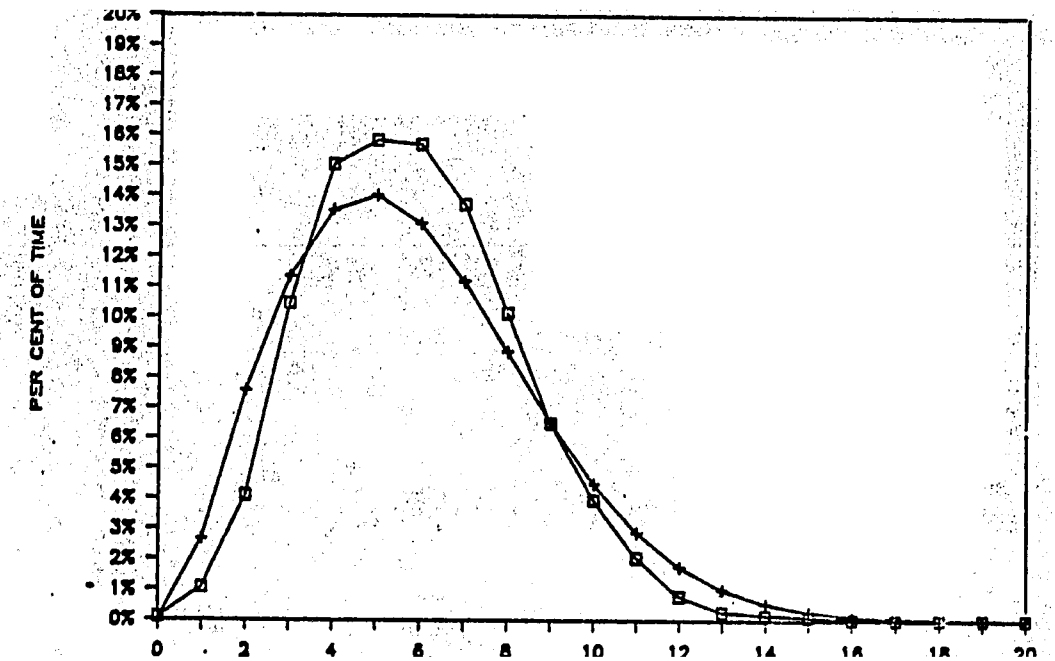


a)

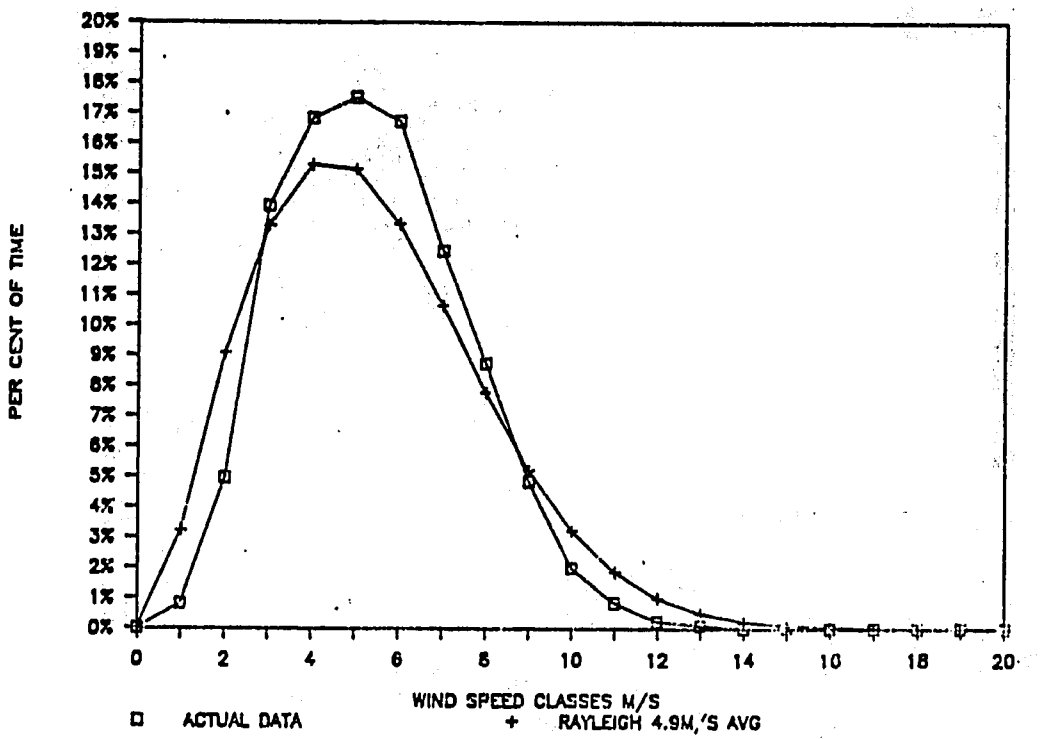


b)

FIGURE 5.4. Frequency Distribution for Wind Speed by Percentage of Time, April 1985 - March 1986, Contrasting Actual and Rayleigh Distributions. a) Ras el Hekma (10 m AGL) b) Ras el Hekma (20 m AGL)



a)



b)

FIGURE 5.5. Frequency Distribution for Wind Speed by Percentage of Time, Contrasting Actual and Rayleigh Distributions. a) El Obayed, April 1985 - March 1986, b) El Kasr, April - December 1985

6.0 CONCLUSIONS

The data presented in this report encompasses a full year: April 1985 through March 1986. This provides an opportunity to examine how the wind resource varies across all four seasons. The following conclusions have been drawn from the analyses presented here:

- The measurements at the six sites have confirmed earlier analyses of historical data[a] that high wind resource regimes exist in Egypt. The coastal region of the Gulf of Suez (represented by Ras Ghareb) shows an exceptional resource. All five other sites would also be suitable for wi energy use.

- Along the Red Sea coastline, the measurements confirm that the two northe stations (Hurghada and Ras Ghareb) exhibit a distinct summertime maximum wind resource, while the southernmost station (Ras Gollan) shows no clear seasonal pattern.

- No clear seasonal pattern is evident at any of the Mediterranean sites, although a trend toward a winter maximum is discernible, which would be consistent with the historical analysis. In addition, since the sites are all within 100 km of each other, any one station appears to characterize this particular coastal region reasonably well.

- The annual hourly averages for all three Red Sea stations show an early morning maximum wind speed, although the time of maximum winds is somewha later at Ras Gollan than at the two northern sites. This is consistent with the findings from the historical data analysis. The diurnal range is relatively small, as would be expected for coastal sites.

- The hourly average wind speeds for the Mediterranean sites show a late afternoon wind maximum, with the latest maxima occurring at the site farthest inland, Ras el Hekma. This distribution of hourly winds is typical for flat-terrain sites. The proximity of these sites to the sea limits the magnitude of the diurnal range.

- Along the Red Sea, the site of Ras Ghareb indicates an exceptional resource, with a very high frequency of high winds, where typical wind machines would operate at rated capacity (nearly 61% of the hourly wind speeds were greater than 8 m/s at the 20-m height). Because of this, the frequency distribution at Ras Ghareb bears no resemblance to a Rayleig distribution, although at the other Red Sea sites the frequency distributions can be reasonably approximated by a Rayleigh distribution. Winds at the Mediterranean sites exceed 8 m/s only 10% to 15% of the time, although the frequency distributions for these sites approximate a Rayleigh distribution reasonably well.

(a) D. L. Elliott et al. Wind Energy Resource Analysis for Egypt. Prepared for EEA and USAID/Cairo. Battelle, Pacific Northwest Laboratories, Richland, Washington.

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- Despite the exceptional resource along the Red Sea, the peak gust never exceeded 22.1 m/s at any of the sites. This contrasts with the Mediterranean, where, despite a slightly lower resource, all three sites experienced peak gusts greater than 24 m/s, and a gust of 30.2 m/s was observed at the 20-m level at Ras el Hekma. This difference can be attributed to the region's position with respect to storm tracks, which generally affect the Red Sea region less severely.

- The annual prevailing wind directions for the Red Sea sites are from north to west. There is more variability in wind direction during the winter than in the summer high wind period, particularly at Ras Ghareb. At the Mediterranean sites, the annual prevailing winds are also from the northerly quadrant. However, during the winter and spring seasons, winds are highly variable. Northerly flow predominates during the summer season, when storms across the region are less prevalent. This demonstrates that the significant source of wind energy in the Red Sea region is a persistent flow resulting from heating differences across the region, while over the Mediterranean the source is associated with the movement of storms across the region during winter and spring.

- The average vertical wind shear at Ras Ghareb (wind shear exponent $a = 0.08$) is much lower than at Ras el Hekma ($a = 0.26$). This can be attributed to two factors. First, the winds in general are stronger at Ras Ghareb, causing more vertical mixing of the air there than at Ras el Hekma. Such vertical mixing tends to diminish differences in wind speeds between the two levels. Second, the Ras Ghareb site is on the crest of a ridge. The shape of the ridge acts to accelerate winds near the ground. As a result, at Ras Ghareb, winds at 10 m above the ground experience more acceleration than winds at 20 m above the ground, resulting in a smaller difference in speeds between the two levels compared with the flat terrain values measured at Ras El Hekma.

- The diurnal variation of wind shear at both the Ras Ghareb and Ras el Hekma sites is typical for sites over land. Wind speeds dramatically increase vertically near sunset, but shortly after sunrise the vertical increase in winds diminishes significantly. This is the result of the greater mixing that occurs in the atmosphere during daylight hours, which tends to diminish differences in wind speeds between the two levels.

In summary, the data collected from the six wind measuring sites confirm earlier historical analyses that an exceptional wind resource exists along the Gulf of Suez and northern Red Sea, and a good resource exists to the south along the Red Sea coastline and along the Mediterranean coastline. The value of the resource is such that wind energy can be used in all these regions for a variety of applications.

APPENDIX

SUMMARIES OF HOURLY MEAN WIND SPEEDS FOR EACH MONTH

APPENDIX

SUMMARIES OF HOURLY MEAN WIND SPEEDS FOR EACH MONTH

The following pages present the hourly mean wind speeds in meters per second by month for each site. Hourly mean wind speeds are computed from 2-second wind speed values sampled by the data logger, averaged over a 1-hour period.

Station name, month, and sensor height are listed at the head of each page. The daily average wind speed is listed in the far right hand column. Hourly average speeds, standard deviations, and maximum and minimum values are presented at the bottom of each table. Blank entries represent missing data.

RAS GHAREB,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	11.6	8.7	9.2	9.5	10.2	11.2	11.3	10.7	11.7	11.8	11.8	11.6	11.4	10.4	10.1	9.3	8.9	9.2	9.3	9.2	9.3	8.8	7.8	9.1	10.0
2	10.2	11.1	11.0	10.1	8.8	6.3	5.8	8.7	7.8	7.2	7.2	7.5	7.6	8.3	8.3	6.4	6.5	7.3	5.4	4.9	6.0	5.7	5.3	5.8	7.5
3	6.3	5.5	6.3	7.3	5.5	7.0	7.6	7.9	8.4	9.3	8.8	6.0	7.9	7.4	8.7	7.7	8.2	8.7	7.5	6.8	7.8	7.8	8.9	8.9	7.7
4	10.4	9.8	9.2	9.1	9.6	10.3	8.9	9.1	9.2	9.8	9.4	9.2	8.8	8.8	8.9	6.6	5.1	5.1	4.1	5.0	4.0	3.3	5.0	5.9	7.7
5	6.8	5.7	4.8	5.6	5.0	5.1	3.7	4.4	4.5	4.9	4.8	4.8	5.4	8.3	7.8	7.4	7.0	6.4	5.7	5.7	4.1	2.5	4.8	6.8	5.4
6	7.7	6.9	7.3	7.4	7.3	7.4	7.5	7.3	7.8	8.6	9.2	8.9	9.3	8.8	8.5	8.5	9.4	10.5	10.3	8.6	7.0	6.4	7.3	9.5	8.2
7	8.6	8.6	7.8	6.9	6.8	8.5	8.8	9.7	9.8	10.2	9.7	9.1	8.8	8.8	8.9	8.9	8.4	8.5	7.5	7.5	9.4	9.2	9.2	8.8	8.7
8	9.3	9.1	9.7	8.9	8.8	8.6	9.1	9.2	10.2	9.7	10.3	10.3	9.2	7.6	8.7	8.5	8.6	8.3	6.9	8.2	7.7	7.7	8.9	8.2	8.8
9	8.0	8.3	7.8	8.2	6.6	6.3	5.9	4.8	4.5	5.6	6.1	4.5	5.4	8.5	7.0	7.3	7.6	7.5	7.7	7.9	9.2	10.2	10.8	10.4	7.3
10	11.1	9.6	9.0	10.1	9.6	9.5	9.7	12.0	13.5	13.4	14.3	14.9	12.6	13.4	13.9	14.4	13.1	13.1	13.6	13.2	12.7	11.8	11.4	11.0	12.1
11	10.3	9.8	10.3	10.8	10.3	10.1	10.8	12.9	12.3	11.6	10.2	7.0	5.8	5.9	5.5	5.4	4.9	2.8	2.6	2.5	4.0	3.7	6.4	7.7	7.6
12	8.3	9.4	6.5	7.3	7.3	7.2	6.7	5.3	7.6	7.5	8.9	6.3	5.0	4.1	4.5	4.1	3.4	3.7	3.2	1.9	2.7	1.8	3.5	4.5	5.4
13	4.0	3.6	3.4	6.0	5.4	6.7	6.1	5.6	6.4	7.6	6.3	5.7	5.3	4.8	3.4	3.7	3.8	2.9	2.1	3.6	2.8	4.6	4.9	6.6	4.8
14	7.9	10.5	10.2	10.1	11.0	12.0	12.5	13.0	13.0	12.6	11.4	11.7	11.7	10.3	10.6	10.1	11.0	10.7	11.8	11.4	11.5	12.0	13.1	12.5	11.4
15	11.3	11.3	11.4	11.0	10.6	11.5	10.4	10.5	11.3	11.6	10.1	9.2	9.7	8.7	8.2	7.2	6.3	5.7	4.9	5.5	6.6	7.6	8.3	8.5	9.1
16	7.8	7.2	7.0	6.3	6.4	6.7	5.3	5.6	5.9	6.7	5.4	4.9	3.9	3.2	3.4	3.7	4.0	3.7	2.8	2.5	1.9	1.6	1.7	1.8	4.6
17	1.6	2.2	2.2	2.3	1.9	2.3	2.3	1.5	1.5	2.2	3.6	5.8	6.5	6.5	7.0	6.4	6.4	6.9	4.9	3.6	5.4	5.3	3.0	3.6	3.9
18	3.7	3.2	2.2	2.5	5.3	8.4	10.1	11.7	11.6	12.1	10.4	10.4	11.1	12.1	10.6	11.3	11.2	10.7	9.8	10.3	10.6	11.3	11.3	11.0	9.3
19	12.2	12.1	11.7	12.4	12.7	12.4	13.3	13.4	14.5	13.4	13.4	12.9	12.2	11.4	11.2	9.8	8.9	8.6	8.5	8.3	8.9	10.5	11.4	10.4	11.4
20	10.4	9.4	9.3	9.1	8.6	7.2	6.6	6.3	6.1	5.1	4.4	3.7	4.6	5.5	5.9	6.3	5.4	3.5	2.2	1.6	2.1	2.0	1.5	1.9	5.4
21	2.9	3.4	3.7	5.0	8.4	5.8	7.0	8.3	10.1	11.1	9.9	8.5	7.9	6.5	6.8	6.6	5.5	8.5	7.5	6.3	4.6	6.0	5.0	4.7	6.6
22	4.9	5.7	4.6	4.6	5.7	5.5	7.5	8.2	6.7	6.4	6.3	9.2	9.1	7.7	6.4	8.1	7.8	7.8	7.2	7.5	7.6	5.9	6.0	6.3	6.8
23	8.0	5.3	5.3	3.0	3.4	3.6	4.7	6.5	6.3	6.1	5.4	5.8	6.1	5.4	5.1	5.9	4.9	4.2	2.7	3.0	2.5	2.5	2.6	1.2	4.5
24	1.2	2.1	3.1	4.8	4.6	5.5	4.2	6.1	8.7	9.9	10.3	12.4	14.1	14.1	14.1	13.6	12.4	11.7	11.0	9.9	9.2	7.5	7.0	7.3	8.5
25	6.6	6.1	3.8	2.7	4.9	3.7	4.2	6.3	8.3	8.5	8.3	9.3	8.6	8.5	7.6	9.5	7.3	6.9	5.7	7.2	7.4	7.4	8.7	9.4	8.9
26	10.2	9.4	8.9	8.2	8.7	9.3	12.5	12.4	11.8	11.3	10.5	9.6	10.2	10.7	11.1	11.2	10.4	10.4	10.3	9.2	9.8	10.2	9.9	9.8	10.3
27	10.7	11.3	9.7	10.1	10.6	8.9	9.6	11.6	11.4	11.3	10.1	9.9	6.7	9.6	10.3	7.1	7.6	7.7	8.2	8.0	7.7	8.4	5.6	4.7	9.2
28	4.1	4.6	7.6	6.6	3.9	4.2	4.4	4.1	4.5	4.9	4.9	5.0	4.6	6.3	6.6	6.3	5.1	5.1	5.1	4.8	3.1	2.8	2.5	2.8	4.8
29	2.7	2.3	2.1	3.1	3.7	2.2	1.1	2.0	3.4	4.2	4.6	4.8	5.3	6.0	6.5	5.1	4.2	4.1	4.6	5.4	5.3	5.4	6.6	4.2	4.1
30	3.2	3.9	2.6	2.3	2.2	2.3	1.9	1.3	2.7	4.4	4.9	6.5	7.2	7.2	6.4	5.3	4.7	4.2	2.9	5.6	5.7	6.9	9.1	10.1	4.7
AVG	7.3	7.2	7.0	7.0	7.1	7.2	7.3	7.8	8.4	8.6	8.3	8.2	8.1	8.0	8.1	7.7	7.3	7.1	6.5	6.4	6.6	6.6	8.9	7.1	7.4
STD	3.2	3.0	3.0	2.9	2.8	2.8	3.2	3.4	3.3	3.0	2.8	2.6	2.7	2.6	2.6	2.6	2.6	2.8	3.1	2.9	2.9	3.1	3.1	3.1	2.3
MAX	12.2	12.1	11.7	12.4	12.7	12.4	13.3	13.4	14.5	13.4	14.3	14.9	14.1	14.1	14.1	14.4	13.1	13.1	13.6	13.2	12.7	12.8	13.1	12.5	12.1
MIN	1.2	2.1	2.1	2.3	1.9	2.2	1.1	1.3	1.5	2.2	3.6	3.7	3.9	3.2	3.4	3.7	3.4	2.6	2.1	1.6	1.9	1.6	1.5	1.2	3.9

RAS GHAREB,EGYPT MAY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.8	8.5	9.2	10.2	9.7	9.7	10.1	12.5	12.2	9.7	9.4	10.8	9.8	10.1	11.7	12.1	11.4	11.1	10.2	10.4	10.1	9.4	9.1	9.4	10.3
2	11.2	10.8	11.3	12.0	11.0	10.1	11.6	12.0	11.5	12.1		10.8	10.5	10.8	10.4	10.5	9.1	8.7	10.2	8.6	9.8	9.8	10.8	12.1	10.2
3	11.2	12.6	11.1	11.0	13.0	12.9	14.5	14.5	15.0	14.5	13.5	12.5	10.7	10.7	10.6	9.5	8.8	8.6	9.4	10.7	10.5	11.1	12.0	12.3	11.7
4	11.5	12.1	11.4	11.3	9.9	9.7	11.4	12.4	12.0	11.8	12.4	12.1	11.4	11.3	11.6	12.1	11.8	12.6	12.3	12.4	12.5	12.1	11.7	12.0	11.7
5	11.8	11.1	12.5	11.8	12.0	12.1	11.6	12.6	12.9	12.4	11.5	10.2	10.7	11.6	13.2	12.5	11.7	11.2	11.1	10.3	8.7	9.4	8.8	7.7	11.2
6	8.8	8.8	7.3	8.4	5.9	3.8	4.8	4.2	5.4	3.5	1.9	2.1	2.7	4.8	4.8	4.7	4.1	2.2	1.8	2.2	2.6	1.6	1.1	0.8	4.0
7	2.2	1.3	1.5	1.3	1.9	1.6	1.3	1.7	1.8	0.9	2.0	3.4	3.4	3.5	2.3	2.1	3.5	1.7	2.2	2.1	2.0	1.5	2.2	1.5	2.0
8	1.6	1.5	1.7	2.5	1.7	1.6	2.2	2.6	3.0	5.0	4.7	3.1	3.8	4.8	4.0	3.7	3.2	2.7	5.4	4.8	4.0	4.7	4.9	4.6	3.4
9	6.4	7.4	6.7	7.8	7.3	5.8	5.7	6.8	6.3	5.0	3.9	3.7	3.2	4.1	5.0	6.7	5.9	8.5	7.0	7.7	5.7	3.4	2.5	3.4	5.6
10	5.3	3.1	1.3	1.7	3.0	4.4	2.1	3.5	5.9	5.7	6.4	8.3	11.0	9.7	11.3	8.7	5.0	9.6	5.4	4.4	3.0	4.4	7.2	10.1	5.8
11	10.6	10.0	10.6	9.7	9.3	8.9	9.3	10.3	11.3	10.7	11.1	10.8	8.5	8.4	8.6	8.5	8.2	9.5	9.3	9.1	9.1	9.7	11.0	12.1	9.8
12	13.0	12.7	12.4	12.1	10.7	11.1	10.8	11.6	11.6	11.0	10.4	10.4	10.5	9.8	9.8	9.5	9.8	10.4	10.3	10.8	12.1	13.3	14.1	12.9	11.3
13	12.9	12.1	11.2	11.3	11.1	11.3	11.8	12.9	13.2	11.6	12.1	12.4	11.7	10.6	10.6	9.9	8.8	8.8	8.8	7.7	8.5	9.1	10.5	10.8	10.8
14	10.4	9.7	8.9	8.8	9.5	8.5	10.3	10.5	10.4	10.3	9.9	10.4	10.4	10.2	9.2	9.2	8.7	8.6	8.3	7.8	7.6	8.3	9.7	10.2	9.4
15	9.7	10.7	8.8	9.3	9.5	9.5	11.3	10.6	10.8	10.6	10.3	10.2	10.2	9.2	9.7	9.9	9.4	9.6	9.2	9.2	9.9	9.9	10.4	11.1	10.0
16	12.3	11.5	11.2	10.4	10.5	10.6	10.1	11.2	11.5	11.4	11.2	8.6	7.5	5.7	7.0	6.7	4.7	4.9	7.4	9.3	11.6	10.8	11.6	11.7	9.5
17	11.3	10.6	11.2	11.0	10.6	10.5	9.6	10.6	10.7	11.5	10.4	9.5	8.0	7.6	7.2	6.5	6.0	6.1	7.0	9.4	9.6	9.1	9.1	10.8	9.3
18	11.3	10.7	10.3	8.9	8.9	8.6	9.3	10.2	10.4	10.1	9.9	9.7	9.3	8.9	8.8	7.7	7.9	5.7	8.9	6.9	9.1	9.7	9.3	9.5	9.3
19	9.2	9.3	8.2	8.7	7.5	5.4	3.4	5.9	6.3	6.5	6.1	6.6	5.5	4.9	4.9	6.4	6.3	5.7	4.1	7.3	10.4	11.0	10.3	10.6	7.1
20	9.8	10.4	10.2	9.5	8.6	8.8	8.6	8.2	9.3	7.5	7.9	7.7	8.4	7.5	7.6	7.5	6.0	9.1	8.8	6.8	8.4	10.4	11.4	10.5	8.8
21	10.6	10.7	10.2	9.6	9.7	8.8	9.8	10.3	9.4	7.9	7.4	7.9	7.6	8.5	7.3	7.8	6.9	5.0	4.4	4.6	4.1	5.8	6.1	5.9	7.7
22	6.3	5.6	6.5	4.9	3.6	2.8	3.0	2.9	3.2	3.5	3.5	3.5	3.9	3.6	3.8	2.8	2.8	3.4	3.1	3.4	1.6	2.2	2.7	3.9	3.5
23	2.7	1.9	2.2	2.5	3.9	4.7	4.9	7.3	8.0	8.2	8.6	9.8	11.5	10.8	9.3	9.1	8.4	6.4	6.0	4.6	2.3	2.8	1.3	4.1	5.9
24	8.6	7.6	9.6	9.8	9.6	10.2	10.6	11.4	10.6	9.9	8.6	7.8	8.0	8.4	7.8	7.8	7.9	7.3	8.2	8.3	8.0	8.6	10.2	12.3	9.0
25	11.6	10.8	10.4	9.6	10.5	10.1	10.8	12.1	12.1	11.8	12.3	11.5	10.7	12.0	11.3	11.5	9.8	9.7	8.8	9.4	9.6	9.5	10.3	10.6	10.7
26	10.6	9.6	8.4	8.2	6.5	6.0	7.6	8.7	9.1	8.4	8.6	8.6	7.9	8.0	8.4	6.3	8.6	6.7	7.3	6.7	6.7	6.9	6.1	6.3	7.7
27	5.9	6.3	6.1	6.0	4.6	3.7	3.2	4.1	4.2	4.6	4.7	4.5	3.8	4.2	4.9	4.4	5.3	5.5	5.9	6.6	7.3	7.7	7.4	6.1	5.3
28	5.3	8.8	10.1	8.9	7.9	8.9	9.1	9.5	9.3	8.3	8.7	7.6	7.3	7.6	7.3	6.8	6.1	5.3	5.5	5.3	5.4	5.5	4.5	5.5	7.3
29	7.7	10.5	9.3	7.9	8.0	8.2	7.9	9.2	9.3	8.4	8.0	9.1	8.9	8.9	8.3	6.3	5.6	5.5	6.1	5.8	6.1	6.3	6.1	7.6	7.7
30	9.2	8.8	8.9	9.5	6.9	6.5	9.7	10.5	11.4	10.4	9.9	9.9	9.9	9.9	10.4	10.2	10.5	10.5	9.6	9.3	9.8	10.2	10.1	10.4	9.7
31	9.9	10.5	10.5	10.7	10.8	10.6	11.0	12.2	12.7	12.9	12.6	11.5	11.4	11.8	11.7	12.7	13.4	13.4	13.1	13.1	12.5	11.7	11.7	11.8	11.9
AVG	8.9	8.9	8.7	8.5	8.2	7.9	8.3	9.1	9.4	8.9	8.3	8.8	8.3	8.3	8.3	8.1	7.7	7.5	7.6	7.7	7.7	7.9	8.2	8.7	8.3
STD	3.1	3.2	3.1	3.0	3.0	3.1	3.4	3.5	3.3	3.2	3.5	2.9	2.8	2.6	2.7	2.8	2.7	3.0	2.7	2.7	3.2	3.2	3.5	3.4	2.7
MAX	13.0	12.7	12.5	12.1	13.0	12.9	14.5	14.5	15.0	14.5	13.5	12.5	11.7	12.0	13.2	12.7	13.4	13.4	13.1	13.1	12.5	13.3	14.1	12.9	11.9
MIN	1.6	1.3	1.3	1.3	1.7	1.6	1.3	1.7	1.8	0.9	2.0	2.1	2.7	3.5	2.3	2.1	2.6	1.7	1.8	2.1	1.6	1.6	1.1	0.8	2.0

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RAS GHAREB,EGYPT JUNE 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	12.5	11.1	12.2	13.8	13.1	11.4	11.5	11.7	12.2	12.5	10.4	10.3	10.3	10.6	11.1	12.3	11.8	12.1	10.7	10.6	9.7	8.4	7.9	7.8	11.1
2	8.5	9.8	9.7	9.2	8.9	9.1	8.5	6.7	7.3	7.7	7.7	7.4	6.9	6.1	5.5	5.9	6.0	5.8	4.4	3.6	0.6	1.3	2.1	2.9	6.4
3	3.2	3.2	2.5	1.6	2.9	1.9	1.2	1.8	2.6			4.5	5.3	7.6	7.6	6.9	5.5	4.4	2.3	1.9	4.5	4.4	5.8	8.8	3.7
4	8.7	10.3	10.7	11.2	9.7	10.2	11.7	12.1	12.3	12.0	11.5	12.0	12.1	11.6	10.5	10.8	10.8	9.8	9.8	9.7	9.8	10.5	12.6	12.4	11.0
5	12.7	12.1	11.7	11.1	10.0	11.2	12.6	13.0	13.3	12.7	13.1	12.9	13.6	13.1	12.7	13.2	12.8	11.7	10.5	9.7	9.4	10.7	10.2	9.4	11.8
6	9.8	9.7	10.5	9.7	8.8	8.9	11.0	11.5	10.5	11.1	10.6	11.0	9.9	9.1	8.4	9.5	9.5	8.9	9.1	8.7	8.3	7.3	7.5	8.6	9.5
7	9.1	9.1	8.7	8.5	7.7	8.4	7.6	8.5	8.3	7.8	6.8	6.5	6.4	6.6	5.9	7.4	7.3	6.8	7.4	8.0	8.4	8.6	7.9	9.7	7.8
8	11.2	11.5	10.8	10.8	10.6	9.6	9.7	10.5	10.2	10.6	10.1	10.1	9.1	8.8	7.9	8.2	7.5	7.9	7.8	8.3	8.7	11.1	12.1	11.7	9.7
9	11.4	11.2	11.5	10.7	10.1	10.2	11.1	11.7	11.5	11.3	11.5	10.1	9.8	9.3	9.3	9.6	9.6	11.4	11.1	12.5	13.7	13.5	13.8	12.5	11.2
10	13.2	13.2	12.9	12.2	11.8	12.1	13.1	13.6	14.2	13.5	13.6	13.4	12.4	12.6	12.7	13.4	13.7	14.2	14.2	13.3	12.6	12.7	13.0	13.8	13.1
11	12.7	12.9	11.7	11.7	11.5	11.3	13.0	14.9	14.1	13.1	12.1	11.8	12.2	12.3	12.7	13.1	12.3	12.9	12.4	11.6	12.3	12.6	11.5	12.2	12.5
12	13.0	12.9	12.4	12.5	12.5	12.1	13.3	14.0	14.2	13.0	12.7	12.6	11.3	11.2	11.6	12.3	12.6	13.3	12.4	11.5	10.3	11.1	11.1	12.3	12.3
13	13.0	12.5	11.5	11.6	10.5	9.2	10.2	10.6	10.2	9.3	9.1	9.4	9.6	10.1	11.7	12.2	11.5	11.4	11.0	9.5	10.5	11.7	10.1	10.6	10.7
14	10.5	9.4	7.7	7.8	7.6	7.7	7.9	8.2	8.8	8.9	8.3	8.7	8.7	9.6	10.3	11.4	12.3	11.5	9.7	9.7	8.8	9.6	10.3	9.6	9.3
15	9.4	8.7	8.2	8.2	9.1	8.6	9.3	10.3	11.3	11.2	10.4	9.8	10.3	10.2	9.4	9.8	9.3	8.5	8.7	8.0	8.3	9.3	10.8	11.5	9.5
16	9.8	9.6	9.2	8.4	8.3	7.6	9.2	10.7	10.7	10.3	10.3	10.2	9.9	10.1	8.9	8.5	8.0	8.0	8.6	7.5	7.2	8.4	9.1	9.9	9.1
17	11.1	11.2	11.1	10.2	10.8	10.3	10.5	12.3	11.4	10.4	10.8	9.8	9.4	9.2	9.4	10.2	10.7	10.4	10.2	9.8	8.5	8.5	8.4	8.3	10.1
18	8.6	9.3	9.4	9.2	9.2	8.5	8.9	9.8	10.4	9.7	8.9	7.8	8.7	8.2	8.6	8.5	8.0	7.6	8.4	6.0	5.5	7.2	7.9	7.0	8.4
19	8.7	7.2	6.4	6.8	6.8	6.6	7.3	7.9	9.3	9.6	9.1	7.7	7.5	9.8	8.0	7.9	8.0	7.7	7.3	7.4	7.4	6.6	9.1	10.6	7.9
20	10.5	9.9	9.5	9.2	8.6	10.1	11.3	11.3	11.4	11.0	11.3	11.1	11.8	11.1	11.3	11.3	10.5	11.2	9.6	9.5	9.9	11.1	10.8	11.6	10.6
21	12.9	12.8	11.2	11.5	10.5	11.7	12.6	12.2	12.1	11.3	10.1	8.5	7.4	7.4	7.3	7.3	6.4	5.1	4.9	7.4	10.1	11.8	10.2	10.5	9.6
22	9.8	7.5	7.2	5.4	5.1	4.4	5.4	6.3	8.4	6.4	6.1	5.1	4.5	4.5	4.6	4.2	4.8	3.2	2.3	3.0	5.3	8.4	9.6	11.1	5.8
23	12.0	11.8	11.5	11.5	11.0	11.5	12.1	11.5	12.7	13.2	12.7	12.0	10.5	9.5	9.6	9.2	9.5	10.2	9.3	9.5	9.2	10.1	11.2	11.6	10.9
24	12.2	12.5	11.3	10.7	10.2	10.1	11.1	11.7	12.2	12.3	12.4	11.5	11.3	11.5	11.3	10.3	10.4	11.4	11.2	10.7	11.5	12.4	12.7	11.8	11.4
25	11.4	11.6	10.4	9.2	9.3	9.4	10.8	12.7	12.1	11.3	10.4	9.8	9.7	9.9	9.5	9.8	10.3	11.1	10.7	10.8	11.4	12.0	12.9	11.6	10.7
26	11.3	11.7	12.0	11.8	10.7	11.0	11.3	13.6	13.0	14.0	13.5	13.1	11.6	10.6	9.9	10.1	10.1	10.6	10.4	10.1	11.4	12.5	12.6	13.9	11.7
27	13.3	12.2	12.2	11.8	10.4	10.1	11.3	13.1	13.6	13.0	12.4	11.7	11.7	11.5	11.2	10.7	10.5	11.6	11.7	12.0	12.4	12.5	13.7	13.2	12.6
28	11.8	11.8	11.0	10.3	10.6	10.1	11.2	11.7	12.0	11.7	11.7	11.1	11.7	11.6	11.4	11.8	12.4	12.4	12.1	12.4	12.2	12.2	13.5	13.4	11.8
29	12.4	12.4	11.2	9.7	9.9	11.0	11.2	11.5	13.6	14.0	12.9	14.1	13.1	13.0	12.6	13.0	12.5	11.7	11.0	11.2	11.0	11.1	10.7	9.9	11.9
30	9.5	10.2	10.3	9.8	10.3	10.1	10.5	11.8	13.0	12.7	12.4	12.6	12.6	12.4	12.3	11.5	10.6	9.3	8.0	8.5	6.9	9.9	9.7	9.4	10.7
AVG	10.7	10.6	10.2	9.8	9.6	9.5	10.2	11.0	11.1	10.8	10.4	10.2	9.9	9.9	9.8	10.0	9.8	9.7	9.2	9.0	9.3	9.9	10.3	10.8	10.1
STD	2.2	2.1	2.1	2.3	2.0	2.2	2.5	2.6	2.5	2.8	2.7	2.3	2.2	2.1	2.2	2.3	2.3	2.7	2.8	2.7	2.7	2.7	2.5	2.2	2.1
MAX	13.3	13.2	12.9	13.0	13.1	12.1	13.3	14.9	14.2	14.0	13.5	14.1	13.1	13.1	12.7	13.4	13.7	14.2	14.2	13.3	13.7	13.5	13.7	13.9	13.1
MIN	3.2	3.2	2.5	1.6	2.9	1.9	1.2	1.8	2.6	6.4	6.1	4.5	4.5	4.5	4.5	4.2	4.6	3.2	2.3	1.9	0.6	1.3	2.1	2.9	3.7

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RAS GHAREB,EGYPT JULY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	10.2	8.8	8.0	8.9	6.9	7.8	9.6	10.3	10.2	9.3	9.6	8.7	7.6	8.8	8.9	8.3	7.3	6.3	8.6	6.5	6.6	6.7	7.9	9.3	8.3
2	9.6	9.9	8.5	9.1	9.4	9.6	10.3	10.8	9.6	10.3	9.9	9.7	9.5	8.8	7.5	7.6	7.5	7.7	8.4	7.6	7.6	8.6	9.3	12.2	9.1
3	12.5	11.6	10.8	9.7	9.4	10.4	11.4	12.2	11.8	11.0	10.1	9.4	9.1	9.1	9.5	8.8	8.3	8.6	9.3	8.9	9.3	9.5	11.8	12.0	10.1
4	12.3	10.7	11.1	11.6	9.4	8.8	10.6	12.7	12.5	12.4	12.2	12.9	13.0	13.3	13.1	12.8	12.5	12.6	12.4	12.1	12.3	12.2	11.0	11.7	11.9
5	12.5	11.7	11.5	11.8	11.1	10.2	11.3	12.3	13.9	12.9	12.0	11.6	11.2	10.3	10.5	9.7	9.3	8.7	9.2	8.9	10.1	9.7	11.0	10.8	10.9
6	10.7	10.7	11.6	10.3	10.5	10.3	11.0	11.3	10.6	10.3	10.1	10.1	9.8	9.5	9.3	8.9	8.4	7.4	8.2	8.2	8.9	9.7	11.1	11.5	9.9
7	11.1	11.2	11.3	10.6	9.2	8.5	9.7	10.2	10.4	9.3	8.9	9.1	8.6	9.2	9.3	8.2	7.5	9.1	9.7	9.3	10.1	11.2	12.1	12.0	9.8
8	11.5	10.8	10.2	9.8	8.9	7.3	8.0	8.8	9.5	11.2	12.1	11.8	11.7	10.7	11.2	11.5	11.4	11.6	11.1	11.6	11.8	12.3	11.1	9.6	10.8
9	9.9	10.5	10.6	10.4	10.2	10.8	11.6	13.2	13.8	12.9	12.3	12.4	11.5	12.4	11.4	11.2	10.3	10.4	10.7	10.3	11.1	10.5	11.0	12.4	11.3
10	13.1	12.5	11.7	10.8	9.8	8.8	10.4	11.0	11.3	11.5	12.0	11.2	10.6	10.4	10.2	9.5	9.6	9.8	9.9	9.8	10.1	10.3	11.2	12.2	10.7
11	12.5	12.4	11.5	11.1	11.0	9.3	11.0	13.0	13.3	12.9	11.5	11.1	10.2	9.8	9.1	9.1	9.4	11.2	11.4	11.4	12.4	12.1	11.7	11.3	11.2
12	11.3	11.8	11.8	11.8	11.5	11.6	12.5	13.9	13.0	11.6	11.8	11.7	10.6	10.2	9.4	9.5	11.1	11.4	11.2	11.6	11.6	11.1	12.5	12.0	11.5
13	11.4	11.5	11.3	11.1	10.3	10.3	11.3	12.8	12.4	11.2	9.7	8.6	8.0	7.6	7.5	6.6	8.0	5.7	5.0	6.4	8.3	10.1	11.6	12.3	9.4
14	12.5	12.0	11.5	9.7	9.5	9.3	11.1	11.3	11.1	11.3	10.4	9.6	8.7	8.3	7.9	7.5	7.4	6.9	7.2	7.8	8.8	11.6	13.2	12.4	9.9
15	12.4	11.6	11.3	10.5	9.7	10.5	10.6	11.2	9.9	9.6	10.2	10.1	9.8	9.1	8.3	7.2	7.0	6.7	5.6	6.3	6.6	6.6	8.9	8.5	8.9
16	5.8	5.3	5.4	5.0	3.5	2.2	3.6	4.6	5.6	6.5	8.1	5.8	6.0	7.5	8.5	8.2	7.7	6.8	5.1	5.3	4.7	4.1	5.3	7.6	5.7
17	8.0	8.3	7.9	8.6	7.6	7.5	7.8	9.2	9.4	9.2	9.9	9.8	11.2	11.1	11.5	11.5	11.1	11.1	10.7	9.5	9.6	9.5	10.6	10.8	9.7
18	9.2	9.2	9.6	8.5	9.4	9.8	10.1	11.1	10.5	11.0	10.6	10.5	11.8	11.1	9.9	10.7	10.1	8.8	8.5	7.6	7.3	8.0	8.5	9.5	9.7
19	9.8	9.5	9.6	9.5	8.9	8.6	10.1	10.5	10.6	10.3	8.8	8.9	8.7	7.6	6.8	6.6	6.4	5.7	6.1	6.8	6.6	7.9	9.2	10.1	8.5
20	9.9	10.4	11.1	10.6	10.1	9.2	9.6	11.0	10.5	10.4	9.7	8.7	8.7	8.3	7.7	7.0	6.1	6.6	5.6	5.3	3.4	3.0	2.8	4.8	7.9
21	6.6	6.9	7.6	7.5	6.5	5.5	6.3	8.0	7.9	6.7	6.7	6.1	4.9	4.4	4.2	3.4	3.0	3.2	3.1	2.0	1.9	1.6	2.5	2.3	5.0
22	3.6	6.1	7.0	7.7	6.8	7.4	7.7	9.4	9.7	9.9	8.6	7.5	7.4	7.7	7.3	6.8	5.9	5.0	5.7	5.6	6.4	7.2	10.4	11.2	7.4
23	11.6	11.0	10.6	10.1	9.5	9.7	9.6	10.5	10.4	10.4	9.6	8.6	8.3	7.6	7.6	7.5	6.3	7.4	6.9	6.8	8.0	8.7	10.2	11.0	9.2
24	11.3	10.8	11.1	9.7	9.3	8.7	8.9	10.6	10.1	9.8	9.7	8.2	7.3	7.3	7.7	8.6	7.6	7.6	7.4	7.8	7.5	8.5	11.0	12.4	9.1
25	12.0	11.1	10.2	10.1	10.2	9.6	10.1	11.3	11.3	11.2	11.2	9.8	8.6	8.0	8.6	8.7	7.9	7.4	7.9	8.4	9.1	10.2	10.7	10.4	9.7
26	10.4	11.0	10.8	10.4	10.2	10.1	10.2	12.2	11.8	11.4	11.5	10.4	9.6	8.9	8.9	8.9	9.1	8.8	9.6	9.8	10.1	10.6	11.7	12.0	10.4
27	12.2	12.6	11.6	10.7	10.5	10.5	10.4	11.8	12.9	11.7	11.3	11.5	10.8	11.1	11.6	11.2	10.7	11.4	11.5	11.6	12.0	12.5	12.5	12.6	11.6
28	13.2	13.2	12.0	10.6	11.0	11.1	11.7	13.9	13.4	12.7	12.1	12.4	12.1	10.4	10.2	11.4	11.5	10.7	11.5	12.1	12.5	12.9	13.9	13.5	12.1
29	13.2	12.9	11.5	11.0	10.4	9.5	9.5	11.3	11.2	11.3	10.7	10.7	10.5	9.4	9.4	8.9	8.8	8.4	8.6	8.7	8.5	10.4	11.2	11.1	10.3
30	10.6	11.8	11.2	10.3	10.1	9.2	10.1	10.6	11.1	10.6	10.3	10.4	10.4	9.5	8.6	8.8	9.5	9.5	9.3	8.5	7.4	7.6	8.8	10.1	9.8
31	11.2	9.7	9.1	8.0	7.3	7.7	8.5	9.2	8.8	8.5	8.0	7.9	7.7	7.9	8.2	7.7	8.3	6.8	5.9	4.7	5.6	8.6	7.3	8.6	7.9
AVG	10.7	10.6	10.3	9.9	9.3	9.0	9.8	11.0	10.9	10.0	10.2	9.9	9.5	9.2	9.0	8.6	8.5	8.3	8.4	8.3	8.6	9.1	10.0	10.5	9.6
STD	2.2	1.9	1.6	1.4	1.6	1.8	1.7	1.8	1.7	1.5	1.5	1.7	1.8	1.7	1.7	1.9	2.0	2.2	2.3	2.3	2.6	2.7	2.7	2.4	1.6
MAX	13.2	13.2	12.0	11.8	11.5	11.6	12.5	13.9	13.9	12.9	12.3	12.9	13.0	13.3	13.1	12.0	12.5	12.6	12.4	12.1	12.5	12.9	13.9	13.5	12.1
MIN	3.6	5.3	5.4	5.0	3.5	2.2	3.6	4.6	5.6	6.5	6.1	5.8	4.9	4.4	4.2	3.4	3.0	3.2	3.1	2.8	1.9	1.6	2.5	2.3	5.0

RAS GHARIB,EGYPT SEPTEMBER 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	10.8	9.3	11.6	12.2	13.3	13.6	13.6	13.7	14.6	14.9	15.8	15.2	14.8	14.2	14.2	14.3	13.9	13.7	12.6	11.8	11.4	11.5	11.4	8.9	12.9
2	8.6	9.1	9.2	9.4	9.3	8.9	10.2	13.8	13.6	13.9	13.2	12.7	12.9	12.5	12.8	12.3	11.8	11.2	10.6	11.8	10.7	11.2	10.6	10.3	11.1
3	9.8	10.8	11.6	11.7	10.0	10.3	10.2	11.7	12.2	12.3	12.1	12.3	11.6	10.7	9.9	9.2	8.2	8.6	7.4	7.6	7.8	7.9	9.7	10.1	10.2
4	10.2	9.8	10.3	11.1	11.5	12.3	12.2	12.4	13.8	12.6	12.8	11.1	11.1	10.1	10.5	10.6	10.3	8.8	8.8	9.3	9.2	9.2	9.4	10.2	10.7
5	10.7	10.3	11.7	11.4	9.6	8.6	8.9	11.2	13.5	13.2	14.8	14.3	14.8	13.8	12.9	13.9	13.6	12.2	12.2	11.8	10.7	10.4	11.3	11.6	11.9
6	11.3	11.2	11.6	9.3	7.6	7.9	8.5	10.6	11.4	11.3	11.8	11.7	11.4	11.8	10.5	10.4	9.9	9.5	8.7	8.3	8.9	9.1	10.2	10.6	10.1
7	12.1	12.5	11.8	11.2	11.2	10.6	11.7	12.7	13.1	12.9	12.2	11.5	10.7	10.2	10.3	10.2	10.1	10.6	10.2	10.1	11.8	11.3	12.2	12.5	11.4
8	12.1	11.8	10.4	9.9	9.3	8.7	8.7	9.3	9.7	10.1	9.5	9.2	9.6	9.2	8.8	7.5	7.6	7.2	7.7	7.2	7.9	7.6	8.8	8.7	8.9
9	7.4	7.2	8.3	7.4	7.4	6.7	6.5	7.4	7.8	7.3	7.7	7.6	7.5	6.8	6.7	8.9	8.5	6.1	6.5	5.5	5.4	5.6	6.6	7.3	6.9
10	7.5	7.3	7.8	7.8	7.2	7.2	7.4	9.1	10.1	10.1	9.7	8.9	8.2	7.7	7.8	7.6	8.5	7.7	7.4	7.9	8.8	9.2	10.1	11.8	8.3
11	11.5	10.7	9.6	9.7	9.5	9.9	10.7	13.5	14.6	15.2	14.4	13.7	13.9	14.4	13.7	13.5	12.7	10.8	10.7	10.2	9.9	10.1	8.5	9.4	11.7
12	11.4	12.6	12.4	12.6	12.4	12.4	12.3	12.1	13.2	13.8	13.7	12.6	11.5	11.8	11.8	11.8	10.3	9.3	9.2	8.6	8.2	9.1	9.6	10.7	11.3
13	10.5	9.3	7.8	6.7	6.6	6.6	6.5	7.5	8.8	7.9	7.9	8.8	8.9	9.6	8.5	7.5	7.4	7.5	7.4	8.3	8.4	8.1	8.3	6.8	7.6
14	8.4	9.2	9.2	9.3	8.2	6.9	8.4	7.3	8.7	8.7	8.8	8.9	8.9	8.5	8.4	8.7	8.7	7.9	7.3	7.6	7.8	8.7	8.6	8.9	8.3
15	9.8	11.8	12.4	13.8	12.4	11.[illegible]	9.9	11.6	11.6	11.6	12.2	12.4	11.5	12.2	12.2	11.6	11.7	9.5	9.2	9.2	9.4	9.6	9.6	10.5	11.8
16	10.3	10.5	11.7	11.2	10.8	9.5	9.6	13.1	13.1	13.2	13.8	12.8	11.7	11.5	11.4	11.1	11.6	12.8	11.6	12.5	12.2	11.6	11.4	12.5	11.6
17	12.3	11.4	11.2	10.8	9.5	11.3	12.7	14.8	15.1	14.4	13.3	13.1	12.6	12.9	13.2	13.4	13.2	13.4	13.8	12.1	12.3	13.1	12.9	12.5	12.7
18	12.3	12.1	11.3	10.6	11.5	11.1	12.1	15.2	15.4	14.9	14.5	13.9	13.4	13.3	14.3	14.8	14.3	13.8	13.1	12.6	13.8	13.7	13.2	13.4	13.2
19	13.7	13.3	13.1	12.7	12.3	13.8	13.8	14.2	14.8	14.4	14.1	13.8	12.9	14.6	13.9	14.3	14.3	14.1	12.9	12.7	13.3	12.9	12.6	12.4	13.4
20	12.4	12.7	11.8	12.1	12.1	11.3	11.8	14.1	13.4	13.2	12.6	12.3	12.3	11.7	10.4	10.7	12.8	12.3	12.6	13.6	12.6	11.6	12.8	12.1	12.2
21	12.4	12.8	11.8	12.3	11.2	9.7	10.7	12.4	12.5	11.4	11.4	10.8	9.9	8.9	8.3	7.4	6.8	7.6	7.2	6.2	9.2	9.7	10.8	11.8	10.1
22	11.8	10.3	8.7	8.3	7.7	6.6	6.7	7.2	7.2	7.8	7.4	6.7	5.6	5.3	4.6	4.7	4.9	3.7	2.8	2.7	2.5	2.9	5.8	8.9	6.2
23	6.8	6.6	7.4	6.9	7.4	6.5	6.1	7.8	8.8	9.3	10.2	9.6	8.6	7.9	7.2	7.6	7.4	7.5	7.9	8.5	9.7	10.1	9.7	10.7	8.2
24	10.7	11.3	10.8	9.8	10.1	9.9	10.1	11.2	12.2	12.4	11.8	12.5	12.6	13.1	13.4	13.2	13.1	12.3	11.7	12.5	12.2	12.3	12.6	12.1	11.8
25	10.8	11.2	11.2	11.1	10.8	11.8	10.6	10.6	11.2	10.7	10.1	8.6	8.6	8.5	8.8	8.8	8.9	8.4	8.5	8.3	8.7	8.8	8.2	6.9	9.6
26	8.2	8.8	6.9	6.3	5.4	2.8	3.2	4.8	7.8	6.8	6.6	6.4	5.7	6.8	5.9	5.3	4.7	5.8	4.1	3.8	4.8	7.9	7.4	7.5	5.8
27	7.8	7.5	7.6	7.6	7.7	7.2	7.7	8.4	8.8	8.7	8.5	8.4	8.2	7.5	6.6	6.8	7.3	5.8	6.5	6.8	6.7	6.8	6.7	6.6	7.4
28	7.8	7.7	7.9	8.2	8.4	8.4	7.6	8.9	9.4	9.6	8.9	8.4	8.4	7.7	7.2	6.9	5.7	6.3	6.9	6.7	6.7	6.6	7.9	8.9	7.8
29	9.7	9.8	8.7	7.7	8.2	6.9	8.2	10.4	11.1	11.2	11.2	10.6	10.8	10.6	10.3	9.9	9.2	6.5	8.8	8.4	7.8	9.1	9.8	10.6	9.5
30	10.3	9.8	9.9	10.7	10.2	9.8	10.4	10.6	11.5	11.7	11.5	11.8	10.7	10.3	9.6	9.5	8.9	8.6	8.5	9.1	8.8	10.4	10.5	10.5	10.1
AVG	10.3	10.2	10.2	9.9	9.7	9.2	9.5	10.8	11.5	11.5	11.3	10.9	10.6	10.4	10.1	10.0	9.8	9.3	9.1	9.0	9.1	9.5	9.8	10.1	10.1
STD	1.8	1.8	1.8	2.0	2.0	2.3	2.4	2.6	2.4	2.4	2.3	2.3	2.3	2.5	2.7	2.8	2.8	2.7	2.6	2.7	2.6	2.4	2.1	1.9	2.1
MAX	13.7	13.3	13.1	13.8	13.3	13.8	13.8	15.2	15.4	15.2	15.0	15.2	14.8	14.6	14.3	14.8	14.3	14.1	13.6	13.8	13.3	13.7	13.2	13.4	13.4
MIN	6.6	6.6	6.9	6.3	5.4	2.8	3.2	4.8	7.0	6.8	6.6	6.4	5.6	5.3	4.6	4.7	4.7	3.7	2.8	2.7	2.5	2.9	5.8	6.6	5.8

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RAS GHAREB,EGYPT OCTOBER 1985 10M AGL BKW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.3	10.4	12.2	10.7	10.5	10.4	9.7	11.3	12.7	13.3	12.7	12.9	13.1	13.5	13.5	13.9	13.5	12.3	10.8	11.0	11.1	12.4	11.0	11.4	11.8
2	12.5	10.1	10.2	9.6	9.9	9.7	10.5	13.4	13.0	13.2	13.5	14.0	13.4	14.0	14.5	14.4	14.3	14.0	13.0	12.9	12.7	12.1	11.2	10.4	12.4
3	10.5	10.3	9.7	9.4	9.3	9.4	10.2	12.3	12.9	12.7	12.9	12.9	12.3	12.3	13.2	13.7	13.7	12.7	12.6	12.9	12.4	12.5	11.5	10.7	11.8
4	11.4	11.3	11.1	10.3	10.1	8.9	10.1	12.3	13.6	13.5	13.9	13.3	12.7	12.3	11.8	11.8	11.7	10.6	10.7	11.0	10.3	10.2	9.6	10.2	11.4
5	9.8	9.8	9.1	9.5	9.3	9.3	8.6	9.8	10.5	11.2	10.7	9.6	9.5	8.5	8.7	9.1	8.0	6.9	6.4	8.7	8.4	9.1	9.4	9.5	9.1
6	8.9	8.9	8.4	7.0	6.9	5.5	6.6	7.3	8.6	9.2	8.7	8.4	8.2	7.2	6.9	8.4	6.4	5.8	5.3	5.1	5.1	6.3	7.0	6.8	7.1
7	6.7	6.3	6.3	6.4	6.7	6.7	6.8	8.4	10.8	10.7	11.0	10.2	10.4	9.5	9.1	8.3	7.0	6.9	7.3	6.9	7.2	7.0	7.4	7.4	8.0
8	7.8	7.9	9.4	10.4	11.3	10.5	12.1	11.7	12.2	12.9	12.6	11.8	11.2	10.1	9.5	8.6	8.3	7.6	7.4	8.2	8.3	8.9	7.7	7.8	9.7
9	7.8	7.6	7.4	7.4	9.6	11.2	7.7	7.9	10.5	9.0	9.9	11.3	11.2	11.6	10.7										9.4
10																									
11														11.4	11.6	10.2	8.9	7.2	7.1	7.0	6.3	9.3	10.7	11.4	9.2
12	11.0	11.0	11.9	10.6	10.6	10.7	9.8	10.6	11.8	12.3	12.6	12.4	12.0	11.4	10.4	10.2	10.4	9.2	8.4	8.2	8.4	8.0	8.7	12.8	10.5
13	12.4	12.8	12.6	11.0	10.2	10.5	10.1	12.3	11.3	11.9	12.0	11.6	11.5	12.0	12.0	11.9	11.3	11.4	10.9	11.8	11.9	12.6	12.4	11.9	11.7
14	11.9	8.5	8.8	8.5	7.9	8.3	7.8	8.7	9.4	9.3	9.4	9.1	9.1	8.7	8.5	8.2	7.5	8.9	5.7	5.6	5.7	6.2	6.9	7.8	8.1
15	8.2	8.9	8.2	8.4	8.0	8.4	7.8	7.9	9.2	10.1	9.1	9.1	8.9	8.4	8.2	7.8	7.2	7.1	6.0	6.3	5.0	7.1	7.5	7.0	7.9
16	6.9	7.0	7.5	7.2	6.9	6.0	8.2	6.2	6.9	7.6	6.7	6.9	7.2	7.1	7.6	7.4	6.3	5.3	6.2	5.4	5.8	8.1	6.1	4.9	6.6
17	4.4	5.2	6.6	6.1	6.2	8.0	5.8	5.4	5.8	6.2	6.0	6.1	6.2	7.0	6.1	4.8	3.9	3.5	3.2	3.8	3.6	1.9	2.6	2.8	5.0
18	2.8	2.1	2.1	2.5	2.3	2.6	2.5	1.2	2.2	3.0	3.4	4.1	4.7	4.4	2.8	7.4	7.6	7.0	6.3	5.4	5.0	6.2	7.9	7.0	4.3
19	3.8	2.3	3.8	3.1	3.6	4.7	6.2	7.1	6.1	4.9	5.7	6.0	6.3	7.0	7.6	8.2	7.8	6.5	4.8	2.6	1.8	2.5	3.2	3.4	4.9
20	3.5	3.8	4.3	6.2	6.5	6.2	6.0	7.0	8.5	8.8	8.9	8.8	9.2	9.2	10.6	10.2	10.9	10.4	10.5	10.6	9.4	8.9	8.2	8.3	8.1
21	7.8	7.5	8.8	9.3	9.3	9.6	8.8	9.7	11.0	10.9	11.5	12.3	12.6	11.8	12.2	12.2	12.2	11.8	12.4	12.7	12.3	10.9	10.5	10.1	10.7
22	10.7	10.9	1..0	11.1	10.6	10.2	10.9	11.0	11.8	12.2	11.6	11.5	11.0	10.5	9.6	8.7	9.1	9.1	9.7	10.6	11.5	11.8	10.2	10.1	10.6
23	10.4	10.5	9.3	8.9	8.2	7.9	8.0	8.7	11.9	11.9	11.3	10.9	10.2	9.8	8.9	8.2	6.3	5.4	4.8	5.0	6.6	7.0	7.8	8.2	8.6
24	8.8	7.6	7.1	7.8	7.6	7.9	7.2	8.4	10.0	10.5	10.4	10.1	9.7	9.6	9.4	9.1	8.5	7.6	7.6	7.1	8.2	10.1	10.1	10.5	8.8
25	10.9	11.1	11.0	11.5	10.9	10.4	9.8	10.2	12.2	11.8	12.3	12.3	11.9	11.6	12.3	12.7	12.3	11.3	11.6	11.3	10.9	11.6	10.7	10.9	11.4
26	10.6	10.4	10.2	10.0	11.3	10.7	10.9	12.0	13.7	13.6	13.5	13.5	12.8	12.0	11.3	11.9	11.4	10.4	9.8	12.0	13.2	12.9	13.0	11.6	11.7
27	11.5	11.6	11.6	11.4	11.5	10.6	8.9	11.0	12.0	13.2	12.9	13.0	12.9	12.4	12.0	12.3	11.8	11.6	11.6	10.2	10.0	10.7	9.8	9.7	11.5
28	9.2	8.8	9.6	10.0	10.6	9.1	8.9	8.8	11.0	11.1	11.9	12.3	12.3	12.6	12.3	11.5	11.1	10.7	9.6	10.1	9.8	10.6	10.7	10.2	10.5
29	9.8	9.7	9.7	8.9	9.2	9.4	9.1	9.8	10.4	10.9	10.9	10.5	10.8	10.6	10.6	10.1	10.1	9.4	9.8	10.5	10.5	10.6	10.2	9.1	10.0
30	9.4	8.8	8.2	8.0	8.7	8.4	8.7	9.3	9.7	10.9	10.6	10.0	9.1	9.1	8.2	8.6	7.6	6.6	6.2	6.5	6.7	7.1	7.1	7.9	8.4
31	7.2	7.0	6.7	6.2	5.8	6.5	6.6	6.7	7.6	7.9	7.8	7.1	7.1	7.2	6.2	6.0	5.6	4.0	4.5	4.0	4.5	4.3	5.4	6.2	6.2
AVG	8.8	8.6	8.7	8.5	8.5	8.5	8.4	9.2	10.3	10.5	10.5	10.4	10.3	10.1	9.9	9.8	9.3	8.6	8.3	8.3	8.4	8.7	8.7	8.8	9.2
STD	2.6	2.6	2.4	2.3	2.3	2.1	2.0	2.5	2.6	2.6	2.6	2.5	2.3	2.3	2.5	2.5	2.6	2.7	2.7	3.0	3.0	2.9	2.4	2.4	2.2
MAX	12.5	12.8	12.2	11.5	11.5	11.2	12.1	13.4	13.7	13.6	13.9	14.0	13.4	14.0	14.5	14.4	14.3	14.0	13.0	12.9	13.2	12.9	12.4	12.8	12.4
MIN	2.8	2.1	2.1	2.5	2.3	2.6	2.5	1.2	2.2	3.0	3.4	4.1	4.7	4.4	2.8	4.6	3.9	3.5	3.2	2.6	1.8	1.9	2.6	2.8	4.3

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RAS GHAREB,EGYPT NOVEMBER 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.8	6.7	6.1	5.8	5.8	5.6	6.2	7.2	8.3	9.1	9.2	8.8	9.2	8.4	8.7	8.3	7.5	7.8	6.7	6.8	6.7	7.6	9.1	9.3	7.5
2	10.5	9.7	8.8	7.6	6.9	7.5	7.9	8.4	10.4	9.7	9.3	8.8	7.9	7.8	7.8	6.9	7.1	6.6	6.7	7.8	7.4	8.9	9.7	10.2	8.2
3	10.8	9.2	10.8	10.1	9.7	8.8	9.7	11.9	13.7	13.8	13.7	13.5	13.3	13.3	13.3	12.4	12.8	10.7	10.9	11.0	11.3	10.5	12.8	12.4	11.6
4	11.6	10.5	10.4	9.6	10.6	12.8	10.4	11.5	13.6	12.9	13.1	12.8	11.9	12.8	12.4	12.8	12.8	10.7	10.5	9.7	9.8	10.6	9.8	10.6	11.3
5	11.3	10.2	9.8	9.8	9.8	8.9	8.7	9.4	10.2	10.2	8.8	8.4	8.5	6.7	6.9	8.2	5.4	6.0	5.8	5.2	6.8	6.2	8.8	8.8	8.1
6	9.2	8.4	7.9	8.4	6.7	5.8	5.2	4.4	5.6	6.2	6.8	6.8	5.7	5.7	5.8	4.9	3.5	2.7	2.7	3.5	2.7	3.2	3.1	5.8	5.3
7	4.3	4.1	2.7	5.4	5.6	5.8	4.9	3.5	4.9	5.8	5.4	5.4	5.3	4.5	3.5	3.4	3.8	2.5	3.6	2.8	2.8	3.1	3.8	4.3	4.2
8	3.2	3.1	3.8	2.1	2.5	2.6	2.7	1.9	8.9	1.3	3.2	4.3	5.6	6.1	6.6	7.8	7.5	7.8	6.8	6.8	6.8	5.7	4.7	1.6	4.2
9	2.8	3.1	4.8	6.8	5.4	6.1	4.5	3.1	2.2	2.6	1.9	3.5	3.6	4.7	6.9	7.5	8.8	8.9	9.3	6.9	9.6	9.8	9.8	9.2	5.9
10	9.6	6.5	6.9	7.2	7.1	6.6	6.1	5.7	6.5	7.8	8.8	8.8	9.2	9.7	9.6	9.1	8.8	8.7	6.7	4.8	4.7	4.5	5.7	6.8	7.2
11	5.7	5.7	5.6	5.3	4.7	3.9	3.6	4.1	5.4	4.7	5.6	6.8	6.2	7.1	7.8	7.9	7.4	7.1	6.6	5.3	5.3	4.5	6.8	3.6	5.6
12	3.2	4.4	8.5	6.3	4.7	5.6	5.6	7.2	8.2	8.8	9.6	9.8	9.8		10.3	9.5	9.7	8.4	8.9	8.7	8.5	8.3	8.3	8.3	7.6
13	6.6	8.4	8.6	8.8	8.9	8.3	8.3	6.5	9.1	8.7	8.7	9.2	9.3	8.8	8.2	8.2	7.5	7.3	7.4	8.7	8.3	7.2	8.3	8.7	8.3
14	9.1	9.1	9.4	9.2	8.9	8.5	8.5	8.8	9.6	9.8	9.1	8.9	8.4	8.2	7.3	6.6	4.8	4.5	4.2	5.8	4.2	4.2	7.9	8.8	7.8
15	8.3	8.2	7.8	7.8	7.2	6.9	6.1	7.8	8.6	8.9	8.8	6.2	7.6	6.8	6.5	6.3	6.1	6.8	5.4	6.1	7.8	5.8	8.2	9.5	7.3
16	9.1	8.9	9.2	9.3	8.3	7.7	8.5	8.3	9.5	10.3	10.5	10.3	9.8	9.6	9.1	8.8	8.8	7.7	6.8	7.8	8.2	8.8	10.1	10.1	8.9
17	10.2	10.1	9.7	8.9	8.3	7.8	7.3	8.5	11.1	12.3	11.8	11.6	11.1	10.6	10.3	10.2	9.6	8.8	9.1	9.9	9.4	9.1	8.4	8.7	9.7
18	8.8	9.9	9.9	8.9	8.6	8.3	8.6	9.6	10.4	10.7	12.0	11.6	11.8	10.3	9.1	8.8	8.7	9.6	9.5	8.5	7.6	7.7	7.8	8.6	9.4
19	7.9	8.7	7.9	6.8	6.8	5.8	5.9	7.8	6.8	8.9	7.3	7.2	6.4	5.9	5.7	4.8	5.4	4.9	5.8	5.1	8.6	8.0	8.4	8.8	6.6
20	8.8	7.4	6.6	6.4	5.9	5.6	4.7	4.9	5.8	5.1	5.7	5.4	4.6	4.7	4.8	4.2	4.8	3.8	2.9	3.8	2.7	2.7	3.4	3.6	4.8
21	4.5	4.1	3.9	4.1	3.5	3.8	3.6	2.8	2.7	4.1	5.8	5.5	6.9	7.2	6.7	5.9	5.8	5.5	5.6	5.8	5.8	5.9	6.3	5.8	5.8
22	8.6	7.2	8.8	6.8	6.8	6.8	6.9	7.4	8.4	10.3	11.8	11.5	10.8	10.3	9.9	10.3	9.4	8.5	8.7	8.9	9.3	10.1	10.2	9.8	8.9
23	9.4	10.2	9.7	10.4	10.4	10.1	9.4	10.1	9.9	11.4	11.4	11.8	10.5	10.5	9.6	9.5	8.5	6.6	7.0	7.3	7.8	8.3	7.4	7.4	9.3
24	7.5	7.7	7.2	6.5	6.1	4.9	4.8	4.5	4.6	4.6	4.4	3.8	3.8	2.5	2.9	4.5	5.7	6.3	8.5	7.5	8.6	7.7	7.4	7.8	5.7
25	7.4	5.9	4.1	2.8	2.8	3.7	3.6	2.3	3.8	3.9	5.7	6.7	7.3	6.1	4.9	3.5	4.4	5.4	7.8	6.7	8.3	7.7	9.2	8.7	5.4
26	8.5	7.6	8.5	8.2	9.7	8.4	6.8	4.8	6.9	8.3	8.8	7.5	6.5	6.6	7.7	8.6	7.6	6.9	7.9	6.9	7.5	6.8	6.8	5.5	7.4
27	5.6	5.7	5.7	6.1	6.5	6.4	8.1	5.8	6.9	7.6	7.6	7.8	6.5	6.4	5.7	4.4	3.7	3.1	3.8	3.4	2.9	4.5	4.4	4.7	5.4
28	4.9	3.1	4.4	4.8	3.7	3.7	4.2	4.6	3.5	5.1	5.9	6.4	8.5	7.8	6.9	7.4	6.1	5.9	8.8	7.5	7.3	7.5	8.2	8.3	5.8
29	7.2	6.8	6.5	6.1	4.6	3.4	3.4	3.8	4.5	6.3	6.8	4.9	5.5	4.5	3.9	3.8	2.9	2.7	2.5	2.2	2.6	3.2	3.2	3.5	4.3
30	3.4	3.2	2.3	3.9	7.4	11.4	12.6	13.4	11.8	11.3	11.6	10.6	10.8	11.8	11.8	11.3	10.1	11.8	11.8	11.1	11.2	13.2	13.3	12.9	10.1
AVG	7.3	7.1	7.8	7.8	6.8	6.7	6.5	6.7	7.4	8.0	8.2	8.1	8.8	7.7	7.6	7.4	7.8	6.7	6.7	6.7	6.8	7.8	7.6	7.7	7.2
STD	2.5	2.4	2.3	2.1	2.7	2.3	2.3	2.9	3.3	3.1	2.9	2.7	2.6	2.6	2.5	2.6	2.4	2.4	2.4	2.3	2.4	2.5	2.5	2.7	2.6
MAX	11.6	10.5	10.4	10.4	10.8	12.8	12.6	13.4	13.7	13.8	13.7	13.5	13.3	13.3	13.3	12.8	12.8	11.8	11.8	11.1	11.3	13.2	13.3	12.9	11.6
MIN	2.8	3.1	2.3	2.1	2.5	2.6	2.7	1.9	8.9	1.3	1.9	3.5	3.8	2.5	2.9	3.4	2.9	2.5	2.5	2.2	2.6	2.7	3.1	1.6	4.2

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RAS GHAREB,EGYPT DECEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	13.5	12.1	12.1	11.6	10.6	11.1	12.2	12.6	12.4	12.7	13.1	13.6	12.9	14.1	14.6	14.6	14.6	13.0	12.2	11.7	13.0	13.1	13.6	12.5	12.8
2	12.9	13.6	13.6	14.1	13.0	13.0	14.6	13.6	13.0	12.6	12.2	13.1	13.2	13.5	13.9	13.7	13.5	13.6	12.1	10.8	10.1	11.0	12.0	12.3	12.8
3	12.0	12.3	12.1	12.6	11.8	12.2	12.9	12.4	11.4	11.1	9.7	10.3	10.7	10.4	11.1	12.0	12.3	11.0	12.1	11.6	10.6	7.7	8.3	10.6	11.2
4	10.3	11.0	12.3	11.6	12.2	12.3	11.3	11.0	11.1	10.6	9.9	10.2	11.6	11.2	11.4	11.7	10.5	11.1	12.3	11.8	11.3	11.1	9.4	7.9	11.0
5	7.6	7.9	7.6	8.0	6.6	6.5	6.7	6.7	10.4	11.3	11.3	11.2	11.4	10.8	9.8	9.2	7.8	6.4	6.9	5.9	6.6	6.3	7.3	8.2	8.6
6	7.7	6.8	5.8	6.4	5.6	5.9	5.9	6.4	7.8	7.3	7.3	6.9	6.6	5.9	5.8	6.3	5.0	4.5	3.4	3.9	4.0	4.2	5.9	5.9	5.9
7	6.7	6.0	6.4	6.0	5.6	5.5	5.6	5.6	6.3	6.7	7.2	6.6	6.1	5.1	4.4	3.8	3.7	4.0	3.5	3.5	3.9	4.1	4.0	3.8	5.2
8	3.1	3.9	4.2	4.4	3.9	3.9	3.5	3.6	3.9	5.0	5.1	5.3	5.0	4.7	4.5	3.6	3.1	2.5	2.7	3.0	3.0	1.8	2.8	3.5	3.8
9	3.7	3.8	4.0	3.2	3.4	3.1	3.7	3.5	3.2	4.7	5.6	5.6	4.8	4.6	5.0	4.9	3.6	3.6	5.1	4.8	3.7	4.7	5.6	6.4	4.4
10	5.7	5.5	4.0	4.4	5.7	5.5	4.9	4.7	5.9	6.7	5.5	6.1	4.9	4.6	4.2	3.5	2.8	3.2	4.4	3.8	3.7	3.4	3.6	3.8	4.6
11	3.8	3.7	5.1	6.6	6.5	7.2	6.6	7.2	7.0	7.9	8.2	9.3	9.2	8.0	7.2	6.9	6.5	6.1	5.6	5.8	5.6	6.0	5.3	6.3	6.6
12	6.8	7.2	6.9	7.2	6.6	7.3	7.2	7.5	7.3	7.6	7.4	6.9	6.7	6.4	5.9	2.9	2.3	2.6	4.2	4.8	3.5	3.1	4.0	3.7	5.7
13	3.4	3.0	2.3	2.2	2.3	3.5	3.9	4.0	3.4	3.9	4.0	3.5	3.0	3.1	2.6	2.2	2.5	2.2	2.5	1.6	2.2	2.1	2.2	3.2	2.9
14	3.2	4.1	4.0	3.6	4.0	3.9	3.5	3.6	3.6	5.6	7.4	6.5	6.3	6.1	6.4	5.1	5.5	5.9	5.6	6.3	6.4	7.7	7.8	8.4	5.5
15	7.5	7.6	6.6	7.0	6.4	4.7	3.5	5.3	5.4	7.3	8.0	8.7	9.1	9.5	10.6	9.6	11.2	10.2	7.8	9.2	7.4	7.0	7.8	8.4	7.7
16	8.9	7.5	8.4	7.7	7.6	7.9	7.3	6.3	7.6	8.7	8.9	8.6	8.6	8.6	8.3	7.5	6.5	7.0	8.9	8.6	7.7	7.9	6.0	6.1	7.7
17	6.5	6.9	6.4	6.6	7.5	6.9	6.5	6.1	6.1	7.4	6.8	6.1	5.6	4.4	2.7	4.9	5.6	4.4	4.5	4.4	2.6	2.2	2.7	1.2	5.2
18	1.9	2.7	5.3	6.8	8.2	6.7	7.4	7.6	10.7	7.4	8.6	9.5	8.3	10.1	12.1	12.5	12.9	12.7	11.6	11.8	12.2	12.0	10.1	8.8	9.1
19	5.9	6.0	4.7	4.8	3.9	3.6	4.7	4.0	4.9	5.5	5.1	5.3	5.1	5.1	4.9	5.3	4.9	5.5	6.3	3.6	3.4	5.8	7.6	8.4	5.2
20	9.1	8.9	9.7	9.3	9.1	8.5	8.2	7.6	6.4	6.7	7.4	7.6	7.3	6.9	6.9	6.5	6.0	5.6	4.8	4.9	5.0	4.4	3.5	4.1	6.8
21	3.7	3.2	4.4	3.2	2.9	2.2	2.1	1.9	2.0	1.3	1.6	3.1	3.7	4.9	4.6	4.4	3.4	2.7	2.5	3.4	4.7	4.8	2.6	1.7	3.1
22	1.9	1.8	2.7	2.9	2.6	3.4	2.7	4.5	4.5	3.6	2.8	3.0	5.6	6.3	5.8	4.6	3.2	2.0	3.1	3.5	3.7	4.5	5.0	4.4	3.7
23	4.6	3.8	3.6	3.4	3.2	3.2	3.6	4.0	4.2	3.5	4.1	4.9	4.2	5.0	6.3	5.9	5.4	4.5	5.7	5.9	5.0	3.7	4.0	4.4	4.4
24	5.1	4.7	4.8	4.1	4.0	4.1	4.5	4.7	6.0	7.4	7.7	7.9	7.9	6.0	8.9	9.3	8.7	7.9	7.8	7.7	4.9	3.6	3.9	4.2	6.2
25	5.4	5.6	6.0	4.8	5.6	6.7	6.1	6.1	5.6	6.6	7.5	7.4	7.4	8.0	8.0	8.4	8.3	7.5	6.7	5.4	5.9	5.1	5.7	5.7	6.5
26	8.3	6.4	5.1	5.4	5.3	5.1	5.4	5.5	5.5	6.7	7.7	7.3	8.3	8.2	9.4	9.3	9.6	8.9	8.0	5.3	4.8	6.5	6.4	5.9	6.8
27	5.3	4.6	5.0	4.6	4.6	4.6	3.5	3.4	3.9	5.4	6.7	6.7	6.9	7.0	7.2	7.4	5.9	4.7	5.4	6.0	5.6	5.9	5.0	5.6	5.5
28	5.6	5.3	5.4	5.1	5.3	4.4	4.0	5.6	6.1	6.9	7.9	6.5	7.9	7.0	6.4	5.8	5.9	5.4	5.7	5.6	6.1	7.7	8.3	8.6	6.3
29	8.7	8.9	9.1	8.7	8.6	7.9	8.6	6.3	8.5	9.1	8.9	8.6	8.5	8.2	7.2	7.6	6.6	5.0	4.0	2.2	3.1	3.6	4.0	5.9	7.1
30	7.0	6.5	6.4	5.6	4.8	2.8	3.4	3.5	3.7	4.4	3.8	4.2	4.2	3.6	3.5	3.5	2.6	3.0	2.3	2.3	2.8	2.7	2.6	2.3	3.8
31	2.9	2.9	2.9	3.1	2.9	3.2	3.1	2.5	1.7	0.8	2.0	2.7	3.2	3.2	3.0	3.0	2.5	1.2	1.1	0.7	1.2	2.1	2.1	2.1	2.3
AVG	6.3	6.3	6.3	6.3	6.2	6.1	6.1	6.2	6.4	6.8	7.1	7.2	7.2	7.2	7.2	7.0	6.5	6.1	6.0	5.7	5.7	5.7	5.8	5.9	6.4
STD	3.0	2.9	2.9	3.0	2.9	2.9	3.1	2.9	3.0	2.8	2.7	2.6	2.6	2.6	3.1	3.3	3.5	3.5	3.1	3.1	3.0	2.9	2.8	2.9	2.7
MAX	13.5	13.6	13.6	14.1	13.0	13.0	14.0	13.6	13.0	12.7	13.1	13.1	13.2	14.1	14.6	14.6	14.6	13.6	12.3	11.8	13.0	13.1	13.6	12.5	12.8
MIN	1.9	1.8	2.3	2.2	2.3	2.2	2.1	1.9	1.7	0.8	1.6	2.7	3.0	3.1	2.6	2.2	2.3	1.2	1.1	0.7	1.2	1.6	2.1	1.2	2.3

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RAS GHAREB,EGYPT JANUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	2.9	2.7	2.8	2.7	2.7	2.5	2.0	1.9	1.5	2.7	4.1	5.3	5.5	6.6	7.5	9.7	9.9	8.5	6.1	6.4	5.3	6.8	6.9	6.0	5.0
2	6.1	5.5	4.2	5.4	6.0	6.6	6.7	7.3	9.9	10.4	8.9	9.4	8.3	9.1	9.4	9.7	10.2	7.0	7.4	5.9	5.4	6.1	5.0	5.7	7.3
3	6.4	5.6	5.9	8.6	10.2	10.7	11.6	8.0	6.3	8.5	9.5	8.6	8.0	8.4	9.3	9.9	9.9	9.6	7.0	6.9	8.3	8.0	9.1	7.7	8.4
4	7.8	7.6	7.9	7.6	6.6	6.9	6.8	7.0	7.4	7.6	6.6	6.5	6.6	5.8	5.0	4.5	3.7	3.0	3.6	3.6	3.8	3.7	3.6	3.4	5.7
5	3.5	3.7	3.5	3.1	3.6	4.0	4.0	4.5	4.6	5.0	5.6	5.5	4.8	4.5	5.0	4.9	4.2	3.5	3.2	2.5	2.5	2.6	2.5	2.8	3.9
6	2.8	3.2	3.1	3.5	3.6	3.4	3.5	3.0	3.0	2.6	2.5	2.6	2.5	2.8	2.8	2.7	2.3	2.5	3.4	2.6	2.5	3.1	2.9	2.0	2.9
7	2.8	2.7	2.8	2.8	3.6	2.8	2.8	2.7	2.6	1.8	1.7	3.1	3.7	3.4	2.7	3.2	3.5	1.5	1.7	1.5	3.0	3.6	3.6	4.4	2.8
8	3.8	4.7	4.5	5.4	5.5	6.0	5.3	4.8	6.4	6.6	6.4	9.1	9.2	9.5	8.0	8.0	8.0	6.8	6.5	5.5	5.7	6.5	8.0	5.9	6.6
9	5.0	5.6	6.1	6.6	7.0	6.7	6.5	6.0	6.9	7.2	7.2	7.3	7.7	6.3	5.6	5.3	4.2	3.4	2.8	3.0	3.4	3.1	2.8	2.8	5.4
10	3.2	2.7	2.6	3.1	4.0	3.6	3.2	2.6	3.6	2.6	3.1	2.8	4.1	5.4	5.1	4.5	4.9	4.8	3.0	3.9	3.0	3.7	3.9	4.0	3.7
11	4.6	4.6	4.1	4.4	4.5	4.7	5.0	5.0	6.1	6.9	7.7	8.2	8.3	8.5	8.0	7.4	6.8	7.3	5.7	5.0	4.8	6.1	5.0	4.1	6.9
12	3.7	3.8	3.7	4.1	4.8	4.7	4.1	4.6	5.1	5.0	4.7	6.3	6.7	7.6	7.8	7.7	7.8	7.3	6.5	6.0	3.2	2.6	2.6	3.4	5.2
13	3.9	4.5	3.8	4.2	3.8	3.4	3.7	2.6	4.1	3.5	4.2	4.7	5.4	5.4	5.1	4.0	4.0	2.6	2.2	2.9	3.1	3.0	3.4	3.2	3.8
14	5.0	5.0	4.9	3.9	3.7	4.4	5.3	4.1	5.0	3.7	1.7	3.5	5.9	6.0	4.9	5.6	6.5	6.6	1.5	3.0	2.1				4.6
15																									
16											7.0	6.9	6.9	6.8	7.0	6.4	5.1	4.7	4.7	2.9	2.8	3.6	3.0	3.9	5.1
17	4.4	3.4	3.9	4.4	4.4	4.0	4.0	3.7	3.7	4.6	5.7	6.4	6.7	7.3	7.4	6.9	6.0	5.7	5.4	3.0	2.8	2.9	2.7	3.1	4.7
18	3.5	3.9	3.8	3.7	3.2	3.9	3.5	4.2	4.0	4.1	5.3	5.1	5.1	5.3	6.1	7.5	6.6	5.3	5.0	3.1	3.4	3.4	3.9	4.8	4.5
19	7.4	11.8	13.1	12.6	12.2	11.5	12.5	11.5	11.6	11.0	12.2	12.9	12.5	12.9	13.4	14.0	13.9	13.5	13.5	14.2	14.1	13.3	13.9	13.3	12.6
20	13.4	13.9	13.9	13.7	12.4	12.0	11.4	12.4	11.8	12.3	11.4	11.3	11.2	11.2	11.4	11.8	12.5	11.6	11.7	9.3	8.3	7.6	7.3	7.5	11.3
21	7.7	7.4	6.9	7.3	8.3	7.5	7.5	7.4	8.0	7.8	7.9	8.3	8.2	7.5	6.6	5.9	5.3	5.7	4.8	5.0	5.7	5.8	6.7	7.8	7.0
22	7.9	7.7	7.2	7.0	7.5	6.9	6.3	7.9	9.2	10.5	10.3	9.7	9.5	8.6	7.8	8.2	7.6	6.8	6.7	6.0	6.5	9.2	8.2	7.4	8.1
23	7.3	6.8	6.3	5.5	5.3	5.1	5.1	5.4	5.5	5.3	5.3	5.7	6.1	5.3	4.4	4.5	4.5	4.0	3.4	3.4	3.6	3.2	2.5	2.5	4.8
24	2.8	3.5	3.5	3.6	3.4	2.8	3.0	2.6	1.7	2.5	2.1	2.1	3.2	3.4	3.0	3.0	3.2	2.2	2.3	1.8	1.1	1.9	2.2	2.3	2.6
25	2.3	3.2	3.5	3.4	3.2	3.1	3.5	4.4	4.0	4.5	4.0	6.9	9.1	8.6	8.7	8.4	8.5	8.3	9.6	9.7	9.8	9.7	8.3	8.9	6.4
26	8.5	9.1	8.9	8.7	8.6	8.9	7.9	9.3	10.3	11.4	10.8	10.8	10.4	10.1	10.1	9.8	9.2	7.6	6.3	5.9	6.3	7.9	7.7	8.2	8.9
27	9.2	9.6	8.4	7.5	7.5	7.4	7.4	7.6	9.2	10.8	10.8	12.0	11.7	12.3	11.5	10.8	10.6	9.6	8.3	8.3	9.6	9.5	6.6	8.9	9.5
28	9.6	9.7	9.5	8.4	6.8	6.1	6.5	8.7	8.8	9.9	9.8	9.7	9.4	10.1	10.3	9.4	8.3	9.2	9.5	6.6	5.8	7.6	8.3	8.4	8.5
29	9.2	10.1	9.3	9.6	8.7	7.4	8.3	8.0	9.2	10.8	10.6	10.7	10.8	11.1	10.7	9.9	9.4	8.7	5.9	6.1	6.1	6.0	6.4	4.9	8.7
30	5.3	5.0	4.7	6.4	8.4	6.0	6.6	7.8	6.9	7.7	8.6	7.9	7.5	6.3	6.3	6.7	7.2	7.0	6.3	4.9	6.1	5.6	5.0	5.6	6.3
31	6.5	6.6	7.4	7.2	7.3	6.8	6.3	6.5	6.3	9.1	9.5	9.4	8.9	8.4	8.3	7.9	6.7	6.8	6.0	6.5	8.7	7.6	7.2	6.0	7.5
AVG	5.7	6.0	5.9	6.0	6.0	5.9	5.9	5.9	6.4	6.8	6.9	7.3	7.5	7.5	7.3	7.3	7.1	6.4	5.8	5.2	5.2	5.7	5.5	5.5	6.3
STD	2.6	2.9	2.9	2.8	2.6	2.5	2.6	2.6	2.0	3.2	3.1	2.9	2.5	2.6	2.7	2.7	2.5	2.0	2.7	2.7	2.0	2.7	2.7	2.5	2.4
MAX	13.4	13.9	13.9	13.7	12.4	12.0	12.5	12.4	11.8	12.3	12.2	12.9	12.5	12.9	13.4	14.0	13.9	13.5	13.5	14.2	14.1	13.3	13.9	13.3	12.6
MIN	2.3	2.7	2.6	2.7	2.7	2.5	2.0	1.9	1.5	1.8	1.7	2.1	2.5	2.8	2.7	2.7	2.3	1.5	1.7	1.5	1.1	1.9	2.2	2.3	2.6

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RAS GHAREB,EGYPT FEBRUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.4	5.8	6.3	7.7	7.5	7.7	8.6	8.5	9.1	8.7	8.9	7.9	7.8	7.2	8.7	8.8	5.0	4.8	4.2	3.1	3.4	3.2	3.9	4.7	6.3
2	4.7	4.7	3.1	3.7	4.4	4.0	4.0	3.8	5.0	5.6	4.7	5.4	4.8	3.8	3.4	2.2	2.1	1.8	2.0	3.2	3.5	3.6	2.8	2.5	3.7
3	3.8	4.4	4.1	4.7	4.4	5.8	5.8	5.8	7.9	8.6	9.2	9.2	9.1	9.9	11.0	9.9	7.0	6.9	5.4	3.2	3.7	3.7	2.2	2.3	6.2
4	2.0	2.1	2.2	2.9	2.8	2.6	2.5	2.7	1.9	1.8	5.7	4.8	3.8	3.7	3.9	4.9	3.4	2.9	2.2	1.5	0.3	1.2	3.8	7.4	3.0
5	8.3	9.4	11.3	12.2	11.2	9.4	6.5	7.8	9.7	9.9	9.4	10.2	9.7	8.7	9.1	8.4	7.4	7.8	5.0	4.7	4.7	1.3	3.7	3.9	7.9
6	3.9	1.9	2.9	2.8	4.4	5.5	4.9	3.9	8.0	4.0	3.0	3.7	5.8	5.9	6.3	6.6	7.7	6.1	5.8	4.5	3.5	3.2	3.1	3.2	4.5
7	3.2	4.4	5.5	6.3	8.6	8.1	8.1	8.9	7.2	6.6	7.3	6.8	6.6	6.5	5.8	5.4	5.7	6.1	3.4	2.2	3.8	3.1	1.7	1.0	5.2
8	0.6	1.7	1.1	1.6	2.1	1.8	2.2	2.3	2.1	4.9	6.6	6.0	4.7	3.7	3.4	3.6	7.3	4.5	3.6	4.0	5.0	6.3	6.9	12.1	4.1
9	11.6	12.3	11.3	9.8	8.9	4.6	5.0	4.4	6.0	7.7	6.7	7.2	8.2	9.1	9.1	6.4	7.9	6.9	6.7	5.7	5.5	4.4	4.6	3.8	7.2
10	4.2	4.6	3.8	3.6	3.8	4.1	4.4	4.7	5.5	6.5	6.4	7.0	7.6	7.9	8.7	8.3	7.8	6.8	5.4	5.1	5.9	5.3	5.7	5.6	5.7
11	8.1	7.0	7.0	6.1	6.7	6.6	5.9	5.9	7.8	11.0	11.1	11.0	10.8	11.2	11.3	10.2	9.9	8.9	9.1	9.3	9.3	8.6	8.9	8.6	8.7
12	8.0	7.9	8.2	7.2	6.8	6.1	5.7	7.0	8.2	8.9	9.1	7.9	8.0	7.9	7.0	6.3	6.1	4.6	3.7	2.8	3.1	3.7	3.4	3.4	6.3
13	3.1	3.9	3.4	3.6	3.9	3.8	3.8	3.6	2.3	2.6	3.5	4.4	5.0	4.8	4.1	8.3	9.9	9.9	8.5	8.5	9.1	9.5	7.4	5.9	5.6
14	5.0	4.7	5.3	4.6	4.2	3.5	2.9	4.6	4.6	5.0	5.8	4.9	5.4	6.6	6.6	5.3	4.9	3.8	2.6	4.5	4.9	5.7	4.9	4.2	4.8
15	3.1	4.4	4.5	5.3	3.7	2.7	4.2	4.0	5.0	5.9	6.3	6.8	8.0	9.1	9.4	9.3	8.3	7.2	5.7	4.8	4.2	5.0	4.8	5.1	5.7
16	5.8	5.5	6.0	5.8	5.5	6.3	7.4	7.8	7.8	7.0	7.0	7.0	6.1	4.8	4.1	3.5	3.1	2.5	1.8	0.7	2.1	2.2	1.9	2.0	4.7
17	2.7	1.2	2.1	1.8	1.5	2.9	2.5	2.9	4.7	6.1	6.3	0.6	4.6	6.7	7.7	7.9	7.2	5.3	3.7	4.9	5.0	-4.6	4.6	4.1	4.5
18	4.5	4.4	4.4	3.7	3.8	3.5	3.5	3.8	8.7	7.8	8.4	9.2	8.9	8.7	8.3	7.8	8.9	6.1	4.7	4.0	6.0	3.1	4.1	5.1	5.7
19	5.5	5.7	4.2	5.3	4.5	4.2	3.6	3.2	3.4	4.2	4.2	4.2	3.8	4.7	5.9	6.9	6.6	5.7	5.7	5.6	6.6	7.2	6.0	3.7	5.0
20	1.5	1.0	2.7	2.8	3.0	3.0	2.9	2.3	2.1	2.5	3.6	4.2	3.9	3.7	4.8	4.7	4.6	3.5	2.3	1.7	0.9	1.7	2.0	1.9	2.8
21	3.0	2.6	1.7	3.5	3.8	3.8	4.4	4.2	5.0	5.3	5.5	6.0	6.6	6.9	8.8	6.8	7.3	7.0	7.3	7.5	8.0	8.6	9.4	8.9	5.6
22	9.9	10.1	9.7	9.9	9.4	7.8	7.8	7.7	10.4	13.5	13.2	12.6	11.2	10.5	10.7	10.6	9.9	9.7	6.8	9.8	10.3	10.7	10.8	11.1	10.3
23	10.5	10.6	9.1	8.4	8.7	8.3	7.5	6.9	8.3	8.0	7.4	7.6	8.2	8.8	6.5	6.8	5.0	5.0	5.6	4.1	3.9	6.8	6.3	5.6	7.1
24	6.5	5.8	4.7	4.7	3.6	3.0	3.1	2.6	3.8	5.8	8.8	10.1	10.1	11.1	11.1	10.8	11.1	10.5	8.9	8.3	6.3	5.4	6.1	6.4	7.0
25	7.4	6.4	6.6	6.0	8.3	6.0	7.2	7.8	9.6	10.1	10.1	9.7	9.2	8.5	8.3	7.6	6.9	7.3	8.0	8.5	6.6	5.6	7.7	7.5	7.7
26	8.2	8.5	6.9	6.3	7.5	7.2	7.2	7.8	6.7	8.4	8.2	7.8	7.0	8.9	6.6	5.6	4.8	4.0	3.8	4.5	5.4	6.9	8.6	8.7	8.9
27	8.6	8.6	9.2	6.9	7.3	7.5	8.5	8.7	8.6	9.6	10.3	9.3	9.3	8.7	8.5	7.8	8.2	8.7	8.2	8.9	10.1	10.7	11.0	12.0	9.1
28	11.0	10.5	10.3	9.6	9.6	10.5	12.7	14.4	15.1	16.7	15.9	16.4	14.9	14.5	14.4	14.0	14.0	13.7	12.2	13.3	14.2	13.7	13.9	14.2	13.3
AVG	5.6	5.7	5.6	5.7	5.5	5.3	5.4	5.6	6.5	7.3	7.6	7.6	7.5	7.4	7.5	7.3	7.0	6.4	5.5	5.3	5.5	5.6	5.7	5.9	6.2
STD	2.9	3.0	2.9	2.7	2.4	2.2	2.4	2.7	3.0	3.2	2.9	2.6	2.6	2.6	2.7	2.5	2.5	2.6	2.6	2.9	3.0	3.1	3.0	3.4	2.2
MAX	11.6	12.3	11.3	12.2	11.2	10.5	12.7	14.4	15.1	16.7	15.9	16.4	14.9	14.5	14.4	14.6	14.0	13.7	12.2	13.3	14.2	13.7	13.9	14.2	13.3
MIN	0.6	1.0	1.1	1.6	1.5	1.8	2.2	2.3	1.9	1.8	3.0	3.7	3.6	3.6	3.4	2.2	2.1	1.6	1.8	0.7	0.3	1.2	1.7	1.0	2.8

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RAS GHAREB,EGYPT MARCH 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	14.4	13.0	12.5	12.9	14.5	13.9	13.4	13.9	15.3	16.1	16.0	15.5	15.4	15.4	15.6	15.6	15.1	15.8	14.3	14.6	14.5	14.1	13.4	11.7	14.4
2	11.7	11.4	12.3	15.4	14.1	11.5	11.4	11.5	13.4	14.1	13.2	13.2	13.5	13.4	13.3	13.2	12.4	11.4	11.4	11.5	11.1	11.3	11.7	11.1	12.4
3	9.4	9.6	8.6	7.9	8.2	8.2	7.3	6.6	6.6	6.9	7.6	8.0	6.1	7.6	6.1	7.3	6.1	4.6	2.6	3.1	3.1	3.2	3.4	3.6	6.3
4	3.1	3.5	2.8	2.8	3.2	2.9	2.2	1.3	1.7	1.9	2.6	3.5	5.6	5.6	6.1	6.0	5.6	2.8	3.6	3.9	4.8	5.6	6.0	4.2	3.8
5	7.9	8.9	5.8	6.9	7.0	5.9	6.0	5.5	6.0	5.9	4.6	4.5	4.2	3.6	4.7	4.2	2.5	1.5	1.9	1.9	2.6	2.7	4.8	6.1	4.8
6	8.3	8.6	7.2	6.4	6.4	6.0	5.0	4.0	4.1	6.9	7.6	8.4	8.0	8.3	7.2	7.8	7.4	6.3	8.0	9.2	9.2	9.5	9.6	9.6	7.3
7	8.2	8.6	9.5	8.9	9.1	6.8	5.6	8.6	9.8	10.8	9.9	8.7	8.3	8.4	7.9	6.6	5.3	4.2	3.2	4.1	4.5	3.5	3.5	3.2	7.0
8	2.3	2.1	1.5	1.5	2.5	2.3	2.2	3.6	6.5	8.0	6.7	9.6	10.6	11.5	11.7	12.2	12.2	12.3	12.7	12.3	10.8	9.1	8.7	7.8	7.6
9	7.8	7.7	6.0	5.3	3.7	2.6	1.8	3.5	4.4	3.9	4.9	6.1	7.6	7.9	7.9	6.9	6.0	6.7	5.6	4.5	5.3	6.4	8.4	8.5	5.8
10	8.7	7.9	7.7	7.3	7.6	7.8	9.5	9.7	10.1	11.4	11.7	11.7	11.3	10.6	10.1	8.9	8.3	8.4	7.9	6.7	7.0	7.7	7.6	8.3	8.9
11	8.6	9.7	9.1	9.3	9.1	8.5	8.8	10.7	11.4	11.3	11.3	11.4	12.0	11.2	10.2	9.3	8.9	9.2	9.6	10.2	11.2	11.2	10.4	10.2	10.1
12	10.8	11.0	11.2	9.6	10.2	9.8	9.4	10.1	11.5	11.5	10.8	9.5	9.8	10.8	9.9	10.5	9.8	8.9	11.1	10.3	10.6	10.4	10.6	9.5	10.3
13	9.3	9.2	8.8	8.9	6.4	6.7	5.7	4.8	6.3	5.9	6.6	5.0	3.9	3.8	4.9	3.1	3.8	5.6	6.9	4.9	5.3	7.0	7.7	8.6	8.2
14	5.3	7.4	5.6	8.3	9.5	11.8	9.9	13.0	11.1	10.4	8.6	9.1	9.1	10.4	12.2	12.5	13.6	13.4	12.8	12.9	12.6	11.4	10.3	8.5	10.4
15	10.2	7.4	6.3	8.4	9.2	10.1	10.6	11.0	10.8	10.7	10.5	9.5	9.4	9.6	9.6	9.1	9.2	8.9	8.2	7.8	7.6	8.3	7.7	7.7	9.1
16	8.0	9.6	10.2	9.1	7.5	7.6	8.0	8.9	9.7	10.3	10.3	9.9	8.6	8.7	8.9	8.8	8.9	8.0	6.9	7.3	7.5	8.3	9.2	9.7	8.8
17	9.6	10.4	10.1	9.5	6.7	8.6	8.0	9.3	12.7	12.3	12.7	12.0	10.5	11.3	10.6	9.5	9.1	8.8	8.7	8.4	9.6	11.4	12.2	13.0	10.3
18	12.6	11.7	10.8	10.3	7.3	6.8	6.9	6.7	7.5	7.9	8.8	8.4	7.4	7.7	8.0	8.2	7.4	6.4		4.2	3.6	4.4	4.4	7.4	7.6
19	7.0	9.2	9.4	9.1	6.6	6.3	8.3	8.9	10.6	10.3	10.3	10.1	9.8	9.4	8.9	8.8	8.8	8.9	8.6	8.4	8.2	9.3	9.2	8.7	8.9
20	9.8	8.8	9.5	9.5	10.6	10.3	8.2	10.1	11.8	12.5	11.4	11.5	11.4	11.3	10.5	10.3	10.4	10.1	8.6	7.9	8.4	8.5	8.3	8.3	9.9
21	9.6	9.9	9.5	9.7	8.8	8.2	7.9	10.1	11.0	11.1	11.2	9.8	9.2	8.4	8.3	7.4	6.6	8.1	5.8	4.9	5.7	4.9	4.6	2.7	8.0
22	1.2	1.0	2.0	1.5	2.1	2.3	1.9	1.9	2.2	2.8	1.9	2.9	4.8	7.4	8.0	8.9	9.3	9.1	6.3	7.6	7.8	6.9	7.0	6.4	4.7
23	5.0	4.5	3.2	1.8	3.2	2.9	1.9	3.7	6.5	7.3	8.0	6.7	7.0	7.3	7.9	7.4	6.7	7.3	7.3	8.0	7.5	8.8	9.2	9.5	6.2
24	10.6	10.4	11.0	10.8	10.0	10.3	11.3	12.2	12.5	11.1	10.2	10.1	10.5	11.3	11.8	11.2	11.5	12.1	11.7	9.6	8.4	6.7	5.8	9.3	10.5
25	7.5	8.6	9.8	10.5	9.3	9.8	11.5	13.7	13.4	13.9	13.6	13.1	13.3	12.4	11.7	12.0	11.4	10.4	9.8	8.7	9.5	9.8	9.3	8.0	10.8
26	7.2	8.0	7.7	8.6	9.8	9.8	9.3	9.5	8.9	9.8	9.2	8.0	7.8	7.3	7.5	5.7	4.8	4.8	3.1	2.1	2.2	2.5	2.5	3.0	8.6
27	4.2	5.0	6.5	6.5	8.3	6.3	5.8	6.9	8.0	7.7	7.7	8.3	8.2	7.5	6.5	5.5	5.4	5.9	5.6	5.4	5.8	7.5	7.5	8.5	6.8
28	8.6	9.4	9.8	10.2	9.1	8.2	8.7	11.5	12.6	12.2	11.3	10.0	9.9	9.2	8.4	7.7	7.2	7.0	7.6	7.4	8.8	10.1	10.8	9.8	9.4
29	9.6	10.1	8.9	7.7	8.4	7.9	7.8	8.4	7.9	6.8	7.4	7.9	8.8	5.3	4.9	4.2	4.1	3.7	2.1	1.9	2.7	2.1	3.8	7.9	8.2
30	10.1	10.5	9.7	9.1	7.6	4.6	4.9	5.9	6.9	7.9	8.5	9.1	9.4	9.4	9.8	9.7	8.3	7.7	5.9	3.8	3.4	2.9	2.0	2.3	7.1
31	2.6	3.4	5.1	5.6	5.7	5.8	5.4	5.8	6.5	6.8	7.4	7.0	8.0	8.4	8.5	8.0	6.6	8.9	8.7	5.9	5.9	5.5	5.3	5.0	8.2
AVG	8.0	8.1	8.0	8.0	7.8	7.4	7.3	8.1	9.0	9.2	9.2	9.0	9.0	9.0	9.0	8.6	8.1	7.6	7.5	7.1	7.3	7.4	7.6	7.7	8.1
STD	3.0	2.8	2.9	3.1	2.0	2.9	3.1	3.4	3.4	3.3	3.0	2.8	2.6	2.6	2.5	2.7	2.9	3.0	3.2	3.3	3.1	3.1	2.9	2.7	2.3
MAX	14.4	13.0	12.5	15.4	14.5	13.9	13.4	13.9	15.3	16.1	16.0	15.5	15.4	15.4	15.6	15.6	15.1	15.0	14.3	14.6	14.5	14.1	13.4	13.0	14.4
MIN	1.2	1.0	1.5	1.5	2.1	2.3	1.8	1.3	1.7	1.9	1.9	2.9	3.9	3.6	4.7	3.1	2.5	1.5	1.9	1.9	2.2	2.1	2.0	2.3	3.8

RAS CHAREB,EGYPT APRIL 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	11.6	9.2	9.6	9.8	10.6	11.5	12.0	11.2	12.2	12.2	12.0	12.0	11.6	11.0	10.4	9.4	9.3	9.5	9.8	9.6	9.7	8.7	6.3	9.4	10.4
2	10.6	11.5	11.8	10.5	9.4	6.8	6.3	7.0	7.9	7.4	7.2	7.5	7.6	8.4	8.4	8.5	8.5	7.5	5.7	5.4	6.7	6.5	6.0	6.7	7.9
3	7.2	6.5	7.0	7.9	6.1	7.7	8.3	8.3	8.5	9.3	8.9	8.2	7.9	7.5	8.7	7.9	8.4	8.7	7.8	7.4	8.5	8.7	9.5	9.8	8.1
4	11.1	10.4	9.7	9.8	10.3	11.0	9.5	9.4	9.6	10.1	9.5	9.4	8.9	8.9	9.1	6.7	5.0	5.3	4.5	5.7	4.8	4.5	5.9	6.7	8.2
5	7.5	6.3	5.3	6.1	5.9	5.8	4.2	4.8	4.6	4.8	4.8	4.9	5.3	6.3	8.0	7.6	7.2	6.8	6.0	6.1	4.6	3.2	5.3	7.5	5.8
6	8.4	7.7	7.8	7.9	7.9	8.0	7.9	7.6	8.0	8.8	9.2	9.1	9.4	8.9	8.6	8.7	9.6	11.5	10.5	8.9	7.5	6.9	8.0	9.9	8.6
7	9.2	9.1	8.3	7.8	7.6	9.2	9.3	9.9	9.8	10.3	9.8	9.2	8.7	9.1	9.1	9.2	8.7	8.9	7.7	8.0	9.8	9.8	9.7	9.5	9.1
8	10.2	9.6	10.5	9.7	9.6	9.3	10.1	9.8	10.5	9.6	10.4	10.4	9.1	7.8	8.8	8.7	8.8	8.7	7.5	8.8	8.2	9.3	9.4	8.9	9.3
9	8.9	9.1	8.6	9.2	7.5	7.2	6.8	5.0	4.5	5.7	6.0	4.5	5.5	6.7	7.4	7.5	8.2	8.2	8.2	8.5	9.6	10.5	11.4	10.8	7.7
10	11.7	10.1	8.8	10.8	10.4	10.2	10.1	12.4	14.2	13.6	14.8	15.3	13.3	13.9	14.4	14.8	13.7	13.9	14.4	13.9	13.1	12.2	11.8	11.5	12.6
11	10.7	10.5	10.8	11.6	11.0	10.5	11.4	13.4	12.6	11.7	10.3	7.2	5.7	6.0	5.6	5.6	5.0	3.2	3.0	3.2	4.0	4.0	6.9	8.4	8.1
12	8.9	9.8	9.2	8.3	7.9	8.0	7.3	5.4	7.9	7.6	7.3	6.4	5.1	4.0	4.6	4.2	3.7	4.1	3.0	2.2	3.4	2.1	4.5	5.3	5.9
13	4.6	4.4	4.1	6.6	6.1	7.5	6.7	5.7	6.5	8.0	6.3	5.6	5.3	4.9	3.2	3.7	3.7	3.2	2.3	3.0	2.6	5.0	5.8	6.9	5.1
14	8.4	11.0	10.8	10.6	11.6	12.5	13.0	13.3	13.3	13.2	11.7	12.1	12.1	10.5	10.7	10.2	11.1	11.3	12.5	11.7	12.2	12.3	13.4	13.2	11.8
15	11.8	11.6	12.3	11.7	11.3	12.2	11.0	10.8	11.4	11.8	10.3	9.3	9.7	8.8	8.2	7.3	6.5	5.9	5.3	6.1	7.7	8.6	8.8	8.7	9.5
16	8.4	7.8	7.5	6.8	7.0	7.4	5.6	5.8	6.0	6.6	5.5	4.9	3.9	3.2	3.4	3.6	4.0	3.9	3.2	2.9	2.2	1.5	1.0	2.3	4.8
17	1.8	3.0	2.7	2.9	2.5	2.3	1.8	1.2	1.5	2.3	3.7	5.9	6.7	6.6	7.5	7.2	7.0	7.0	5.7	3.2	5.7	6.3	4.1	4.6	4.3
18	4.8	4.4	2.7	2.6	6.0	8.9	10.5	12.2	12.1	12.4	10.6	10.5	11.4	12.2	11.0	11.7	11.3	11.2	10.4	11.0	11.2	11.6	11.8	12.5	9.8
19	13.1	12.5	12.0	13.2	13.4	13.1	13.9	13.7	14.9	14.0	13.6	13.2	12.4	11.8	11.4	10.2	6.9	9.2	8.6	8.7	9.6	11.2	12.1	11.6	11.9
20	11.3	10.1	10.2	9.9	9.6	8.2	7.2	6.5	6.1	5.0	4.5	3.6	4.6	5.6	5.9	6.6	5.7	3.8	2.6	1.9	2.1	2.3	1.8	2.7	5.7
21	3.9	3.4	4.1	5.9	6.9	6.6	6.0	6.6	10.2	11.6	10.3	9.1	8.2	6.6	7.2	6.7	5.6	6.9	8.2	7.0	5.5	6.9	5.8	5.8	7.1
22	5.8	6.6	5.4	5.3	6.7	6.3	7.9	8.4	7.6	6.6	8.3	9.2	9.2	7.7	6.4	8.3	8.2	7.8	7.3	7.8	8.0	6.4	6.5	6.7	7.1
23	6.4	5.6	5.5	3.6	4.0	4.6	5.6	6.7	6.3	6.1	5.5	6.0	6.1	5.4	5.3	6.0	4.9	4.4	2.9	3.8	3.4	3.5	3.4	1.6	4.8
24	1.3	2.7	3.5	5.5	5.6	6.6	5.4	6.4	8.8	10.2	10.6	12.9	14.5	14.6	14.4	14.3	13.2	12.4	11.7	10.7	9.8	8.2	7.7	7.9	9.1
25	7.4	6.9	4.5	3.1	5.6	4.1	4.6	6.5	8.4	8.5	8.3	9.3	8.6	8.6	7.7	9.6	7.3	7.4	6.0	7.6	7.7	7.7	9.5	9.8	7.3
26	10.6	9.8	9.5	8.7	9.1	9.7	12.7	12.9	12.2	11.5	10.6	9.7	10.2	10.7	11.4	11.5	10.6	11.0	11.0	9.6	10.4	10.6	10.4	10.5	10.6
27	11.5	11.7	10.2	10.6	11.5	9.7	10.2	12.0	11.5	11.6	10.1	10.3	8.6	9.9	10.5	7.7	7.9	8.0	8.5	8.5	8.2	8.9	6.1	5.5	9.6
28	5.4	5.3	8.[illegible]	7.3	4.5	4.7	5.0	4.4	4.5	4.9	4.9	5.0	4.7	6.4	6.7	6.5	5.5	5.9	5.7	5.6	3.6	3.5	3.1	4.0	5.2
29	3.2	2.5	2.1	3.8	4.7	2.7	1.1	2.3	3.6	4.2	4.6	5.0	5.5	6.4	6.8	5.4	4.6	4.6	5.0	5.7	6.4	5.9	7.9	5.0	4.8
30	3.6	4.2	3.6	2.6	2.5	2.2	2.2	1.5	2.7	4.2	4.9	8.6	7.6	7.9	6.9	5.9	5.1	4.9	2.8	5.4	6.3	7.7	9.5	10.6	5.8
AVG	8.0	7.6	7.5	7.7	7.8	7.8	7.8	8.1	8.6	8.8	8.5	8.4	8.3	8.2	8.3	8.0	7.6	7.6	7.0	6.9	7.1	7.1	7.5	7.8	7.8
STD	3.2	3.0	3.1	3.0	2.8	2.9	3.3	3.5	3.5	3.2	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.8	3.2	3.0	3.0	3.1	3.1	3.0	2.3
MAX	13.1	12.5	12.3	13.2	13.4	13.1	13.9	13.7	14.9	14.0	14.8	15.3	14.5	14.6	14.4	14.6	13.7	13.9	14.4	13.9	13.1	12.3	13.4	13.2	12.6
MIN	1.3	2.5	2.1	2.6	2.5	2.2	1.1	1.2	1.5	2.3	3.7	3.6	3.9	3.2	3.2	3.6	3.7	3.2	2.3	1.9	2.1	1.5	1.0	1.6	4.3

RAS GHAREB,EGYPT MAY 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.9	8.9	9.7	10.8	10.3	10.1	10.6	12.6	12.5	9.8	9.6	11.0	9.9	10.2	11.8	12.7	11.8	11.6	10.4	10.7	10.3	9.8	9.5	9.6	10.6
2	11.6	11.2	11.8	12.6	11.5	10.4	12.1	12.3	12.0	12.5		11.1	10.7	11.2	10.5	11.0	9.4	9.1	10.5	9.1	10.2	10.4	11.4	13.0	10.6
3	11.8	13.2	12.1	11.5	13.4	13.4	15.1	15.1	15.6	14.9	13.7	13.0	10.7	11.0	11.0	9.6	9.1	9.2	9.9	11.4	11.1	11.6	12.4	12.6	12.2
4	12.3	12.5	12.1	12.0	10.5	10.4	12.6	12.7	12.3	12.2	12.7	12.4	11.5	11.7	11.6	12.5	12.3	13.1	13.0	13.0	13.1	12.5	12.5	12.6	12.2
5	12.3	11.8	13.2	12.9	12.7	12.9	11.6	13.0	13.2	12.7	11.8	10.5	11.1	11.8	13.5	13.0	12.6	11.8	11.7	11.1	9.6	6.9	9.4	8.5	11.7
6	9.6	9.5	8.6	7.0	6.6	4.4	5.3	4.6	5.6	3.4	1.9	2.0	2.8	4.6	4.6	5.6	4.7	2.6	2.0	2.0	3.0	1.6	6.4	6.6	4.3
7	2.2	1.7	1.3	1.8	2.8	2.1	1.9	1.9	1.7	0.9	1.8	3.4	3.4	3.6	2.5	2.2	3.6	1.8	2.5	2.1	2.2	1.7	2.3	1.2	2.2
8	1.7	1.5	1.9	2.7	2.2	1.8	2.6	2.6	3.0	5.3	4.7	3.1	3.6	4.9	4.1	3.8	3.7	3.2	6.0	5.1	4.5	5.1	5.4	5.4	3.7
9	6.8	7.7	7.2	8.3	7.5	6.3	5.9	7.2	6.4	5.0	4.6	3.6	3.2	4.4	5.4	7.4	6.5	7.3	8.3	8.6	6.9	3.7	3.0	4.4	5.0
10	5.9	3.8	1.5	2.3	3.5	4.7	2.5	3.7	5.9	5.8	6.6	9.1	11.5	10.4	12.4	9.7	5.7	10.8	5.9	4.8	2.8	4.9	7.9	10.5	6.4
11	11.1	11.2	11.2	10.1	9.8	9.4	9.6	10.6	11.6	11.0	11.3	11.1	8.6	8.4	8.8	8.7	8.4	10.2	9.7	9.4	9.7	10.3	11.6	12.6	10.2
12	13.3	13.2	13.0	12.5	11.4	11.6	11.5	12.3	11.8	11.3	10.5	10.7	10.8	10.3	10.1	9.8	10.3	11.0	10.7	11.3	12.5	14.1	14.5	13.5	11.8
13	13.4	12.6	11.6	12.0	11.6	12.3	12.4	13.2	13.5	11.8	12.2	12.5	11.8	10.8	10.7	10.1	9.1	9.2	9.4	8.0	8.8	9.5	11.1	11.4	11.2
14	11.0	10.4	9.6	9.4	10.1	9.1	10.5	11.0	10.7	10.3	9.9	10.6	10.5	10.4	9.4	9.4	8.8	8.6	8.6	8.3	8.4	8.8	10.3	10.7	9.8
15	10.2	11.1	9.4	9.7	10.3	10.5	11.7	10.6	11.6	10.8	10.5	10.4	10.3	9.4	10.3	10.3	9.6	10.3	9.6	9.5	10.4	10.6	11.1	11.6	10.4
16	13.0	12.1	11.8	11.1	11.1	11.1	10.6	11.6	11.8	11.6	11.6	8.7	7.4	5.7	7.3	6.9	4.9	5.1	7.9	9.7	11.5	11.4	12.2	12.2	9.9
17	12.0	10.8	11.8	11.6	11.1	10.7	9.9	11.1	11.4	12.0	11.0	9.6	8.2	7.7	7.5	6.6	8.4	6.8	7.8	10.1	10.5	9.7	9.6	11.5	9.8
18	12.0	11.4	10.7	9.7	9.5	9.2	9.6	10.6	10.8	10.4	10.2	9.8	9.4	9.2	9.2	8.0	8.5	6.3	9.5	9.4	9.5	10.2	9.9	9.9	9.7
19	10.1	9.8	8.8	9.5	8.3	6.3	3.9	6.1	6.6	6.6	6.1	8.6	5.6	5.0	4.9	6.9	7.0	5.9	5.3	7.9	11.0	11.3	10.7	11.3	7.6
20	10.5	11.0	10.7	10.1	9.2	9.3	9.1	8.7	9.6	7.7	8.0	7.7	8.4	7.7	7.9	7.6	8.5	9.6	9.1	8.6	8.8	10.8	12.1	11.0	9.2
21	11.3	11.1	10.8	10.1	10.2	9.5	9.4	10.7	9.7	8.2	7.7	8.7	7.0	8.7	7.4	8.4	7.4	5.5	4.9	5.3	4.9	6.4	6.8	6.8	8.2
22	6.9	6.4	7.3	5.6	4.2	3.5	3.9	3.4	3.2	3.5	3.6	3.5	3.9	3.6	3.8	2.9	2.8	3.5	3.7	3.6	1.2	2.3	2.9	4.4	3.9
23	3.5	1.6	2.5	3.2	5.0	5.7	5.7	8.2	8.5	8.7	9.5	10.7	12.3	11.2	10.1	9.6	9.3	6.9	6.8	4.8	2.7	2.6	1.1	4.2	6.4
24	7.3	8.3	10.1	10.1	10.2	10.5	11.0	11.5	10.8	10.3	9.1	7.9	3.0	8.6	8.0	8.6	8.5	7.7	8.6	8.7	8.6	9.2	10.6	12.9	9.4
25	12.1	11.4	11.1	10.1	11.0	10.6	11.2	12.4	12.4	11.7	12.7	11.6	11.1	12.3	11.6	12.0	10.3	10.3	9.4	9.7	10.3	10.3	10.6	11.1	11.1
26	11.1	10.3	8.9	8.7	7.2	6.6	8.0	8.8	9.3	8.6	8.8	8.7	8.3	8.4	6.7	6.5	8.4	6.7	7.6	7.3	7.2	7.4	6.9	7.8	8.1
27	8.7	7.0	6.9	6.7	5.3	4.5	3.8	4.2	4.4	4.6	4.6	4.5	3.8	4.4	4.9	4.6	5.6	6.0	7.6	7.7	8.6	8.6	8.0	6.9	5.8
28	5.9	9.5	10.4	9.4	6.5	9.7	9.5	9.8	9.5	8.5	9.1	7.8	7.6	7.8	7.6	7.3	6.8	5.9	6.8	5.7	5.6	5.9	5.8	6.0	7.7
29	8.4	10.8	9.7	8.5	8.5	8.7	8.2	9.4	9.6	8.5	8.4	9.2	8.9	9.1	8.6	8.5	5.8	6.8	8.5	6.4	6.6	6.8	8.6	8.2	8.1
30	9.4	9.4	9.4	9.8	7.4	7.0	10.1	11.1	11.7	10.8	10.2	10.3	9.9	10.4	10.5	10.3	11.1	10.3	10.1	9.8	10.3	10.6	10.6	10.8	10.1
31	10.6	11.2	11.3	11.1	11.6	11.2	11.6	12.5	13.2	13.3	13.1	11.7	11.6	12.1	12.3	13.4	14.1	14.6	13.7	13.5	13.8	12.3	12.3	12.7	12.4
AVG	9.5	9.4	9.2	9.6	8.8	8.5	8.7	9.5	9.7	9.1	8.5	8.7	8.5	8.5	8.6	8.4	8.1	8.0	8.1	8.1	8.2	8.4	8.7	9.2	8.7
STD	3.1	3.3	3.3	3.0	2.9	3.1	3.4	3.5	3.4	3.3	3.6	3.0	2.9	2.7	2.8	2.9	2.7	3.0	2.7	2.9	3.3	3.3	3.7	3.5	2.7
MAX	13.4	13.2	13.2	12.9	13.4	13.4	15.1	15.1	15.6	14.9	13.7	13.0	12.3	12.3	13.5	13.4	14.1	14.6	13.7	13.5	13.1	14.1	14.5	13.6	12.4
MIN	1.7	1.5	1.3	1.8	2.2	1.8	1.9	1.9	1.7	0.9	1.8	2.6	2.6	3.6	2.5	2.2	2.8	1.8	2.0	2.0	1.2	1.7	0.4	0.8	2.2

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RAS GHAREB,EGYPT JUNE 1985 25M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	12.9	11.8	12.7	13.6	13.7	12.1	12.1	12.5	12.9	12.7	10.6	10.5	10.8	11.3	11.8	12.6	12.4	12.4	11.2	11.2	10.5	9.3	6.6	8.8	11.8
2	9.3	10.6	10.5	10.2	9.7	9.9	9.1	9.1	7.5	7.9	7.9	7.6	7.2	6.4	5.7	6.1	6.8	8.4	5.6	4.2	6.7	1.7	2.1	4.1	6.9
3	4.1	4.2	3.7	1.9	3.1	1.8	1.2	1.6	2.5			4.7	5.7	7.6	6.4	7.4	6.0	5.1	3.0	1.6	5.1	5.0	6.4	9.3	4.2
4	9.3	10.6	11.3	11.7	10.3	10.5	12.2	12.3	12.5	12.4	12.0	12.2	12.2	11.7	11.0	11.4	11.5	10.4	10.5	10.3	10.4	11.0	13.2	13.0	11.4
5	13.1	12.7	12.4	11.6	11.3	11.6	13.2	13.3	13.6	13.3	13.6	13.3	13.5	13.5	13.1	13.6	12.4	12.3	11.1	10.4	9.7	11.3	11.6	10.1	12.3
6	10.4	10.3	10.8	10.4	9.6	9.7	11.4	12.1	10.8	11.3	10.7	11.3	10.2	9.2	8.5	9.7	9.7	9.5	9.6	9.3	8.6	8.8	8.3	9.2	10.0
7	9.6	9.4	9.4	9.4	8.3	8.8	8.0	8.8	8.5	7.9	6.8	6.6	6.4	6.6	5.9	7.7	7.6	7.2	7.6	8.5	8.9	6.7	8.5	10.3	8.2
8	11.7	12.1	11.5	11.6	11.4	10.1	9.9	10.7	10.8	11.0	10.4	10.3	9.3	8.9	8.2	8.6	7.7	8.4	7.6	6.9	9.3	11.7	12.9	12.5	10.1
9	12.0	12.1	11.8	11.3	10.6	10.8	11.6	12.1	11.8	12.0	12.0	10.2	10.1	9.4	9.6	10.1	10.1	11.4	11.6	12.9	14.3	14.4	14.2	13.3	11.6
10	14.6	13.5	13.5	12.9	12.4	12.5	13.5	14.3	14.6	14.0	13.3	13.9	12.9	13.0	13.2	14.0	14.5	14.9	14.5	13.7	13.1	13.5	13.7	13.6	13.6
11	13.3	13.4	12.5	12.4	12.1	12.0	13.5	15.4	14.5	13.5	12.6	12.3	12.7	13.0	13.2	13.4	13.2	13.5	13.3	12.4	13.2	13.2	12.4	13.6	13.1
12	13.3	13.0	13.0	13.2	13.1	12.5	13.7	14.1	14.6	13.3	13.3	12.5	11.6	11.7	12.5	13.1	13.5	14.2	13.4	12.2	10.8	11.7	11.7	12.9	12.9
13	13.6	13.6	12.1	12.4	11.2	9.5	10.6	11.1	10.5	9.6	9.4	9.6	9.9	10.6	12.1	12.7	12.1	12.6	11.7	10.6	11.4	12.3	10.6	11.2	11.2
14	11.1	9.8	8.3	7.6	8.3	8.2	8.3	8.5	9.2	9.2	8.5	8.8	9.1	10.1	10.6	11.8	12.8	11.8	10.3	10.4	9.5	10.4	10.8	10.1	9.7
15	9.8	9.2	8.7	8.9	9.7	9.3	9.7	10.7	11.6	11.7	10.5	9.9	10.5	10.5	9.6	10.2	9.5	9.1	9.4	8.4	8.7	9.8	11.0	12.6	9.9
16	10.4	9.9	9.6	9.1	8.8	8.2	9.5	11.2	11.0	10.5	10.5	10.4	10.3	10.4	9.2	8.7	8.5	8.5	8.9	7.9	7.8	9.1	9.8	10.6	9.5
17	11.6	11.6	11.6	11.0	11.5	11.0	10.8	12.7	11.5	10.6	11.3	9.9	9.9	9.7	9.8	10.6	11.2	11.0	10.6	10.6	8.9	8.9	8.9	9.4	10.6
18	9.5	9.9	9.9	9.7	9.7	9.1	9.3	10.2	10.7	9.8	9.2	8.0	8.9	8.4	9.1	8.9	8.5	8.3	8.8	6.7	6.3	7.8	8.6	7.8	8.9
19	7.6	8.0	7.3	7.7	7.5	7.2	7.6	8.2	9.6	9.6	9.3	7.7	7.8	10.1	8.4	8.0	8.7	8.5	7.8	7.8	7.9	7.2	9.5	11.1	8.4
20	10.7	10.3	9.9	9.7	9.3	10.6	11.6	11.7	11.5	11.2	11.6	11.1	11.3	11.1	11.2	11.7	10.7	11.4	10.2	10.2	10.7	11.6	11.4	12.4	11.0
21	13.4	13.3	11.6	12.0	11.1	12.3	12.2	12.5	12.2	11.5	10.2	8.6	7.4	7.4	7.3	7.4	6.6	5.4	5.4	7.8	10.6	11.4	10.6	11.2	10.0
22	10.4	8.0	7.6	6.1	5.7	4.9	5.8	6.5	8.6	6.5	6.0	5.0	4.5	4.5	4.6	4.2	4.7	3.5	2.7	3.4	5.9	8.8	10.4	11.5	6.2
23	12.4	12.2	12.1	12.1	11.5	11.8	12.6	11.7	13.2	13.5	12.9	12.2	10.7	9.5	9.7	9.5	9.8	10.6	9.7	9.8	9.6	10.6	11.5	12.2	11.3
24	12.9	12.9	12.1	11.2	11.0	10.7	11.7	12.1	12.7	12.6	12.6	12.1	11.5	11.7	11.6	10.5	10.6	12.2	11.6	11.4	12.0	12.7	13.2	12.6	11.9
25	12.4	12.5	11.4	9.7	9.9	9.9	11.0	13.1	12.3	11.6	10.5	10.2	10.1	10.2	9.7	9.9	10.5	11.6	11.5	11.3	11.7	12.6	13.3	12.3	11.2
26	11.6	12.2	12.4	12.5	11.3	11.8	12.0	14.0	13.5	14.2	14.0	13.6	11.8	10.7	10.2	10.3	10.5	10.8	10.7	10.6	12.1	13.8	13.2	14.6	12.2
27	13.9	12.7	12.9	12.4	11.2	10.6	12.5	13.5	13.1	13.2	12.5	12.0	12.1	11.6	11.3	11.1	11.0	12.2	12.4	12.6	12.9	13.1	14.2	13.6	12.4
28	12.5	12.2	11.6	10.8	11.2	10.6	11.6	12.3	12.3	12.1	12.0	11.5	12.0	12.1	11.6	12.5	13.0	12.7	12.5	13.2	12.6	12.7	14.0	13.9	12.2
29	13.1	13.2	11.7	10.5	10.7	11.6	11.7	12.0	14.2	14.3	13.5	14.6	13.5	13.4	13.2	13.4	12.9	12.2	11.6	11.5	11.4	11.6	11.3	10.5	12.4
30	9.9	10.8	10.7	10.5	10.6	10.5	10.8	12.4	13.2	13.2	13.0	12.6	12.9	12.6	12.5	11.8	11.7	9.8	8.6	9.2	9.3	10.6	10.4	10.2	11.2
AVG	11.3	11.2	10.8	10.5	10.2	10.0	10.6	11.4	11.4	11.1	10.7	10.4	10.2	10.2	10.1	10.4	10.3	10.2	9.8	9.6	9.8	10.5	10.9	11.2	10.5
STD	2.1	2.0	2.1	2.3	2.1	2.3	2.5	2.6	2.6	2.8	2.8	2.4	2.3	2.2	2.3	2.4	2.4	2.7	2.6	2.8	2.7	2.7	2.6	2.1	2.1
MAX	14.6	13.6	13.5	13.6	13.7	12.6	13.7	15.4	14.6	14.3	14.0	14.6	13.5	13.5	13.2	14.0	14.5	14.9	14.5	13.7	14.3	14.4	14.2	14.6	13.6
MIN	4.1	4.2	3.7	1.9	3.1	1.8	1.2	1.0	2.5	6.5	6.0	4.7	4.5	4.5	4.5	4.2	4.7	3.5	2.7	1.6	6.7	1.7	2.1	4.1	4.2

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RAS GHAREB,EGYPT JULY 1985 25M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	10.5	9.3	8.6	9.5	7.4	6.5	9.9	10.7	10.6	9.4	9.7	8.9	7.5	8.9	9.1	8.6	7.5	6.4	7.8	6.9	7.8	7.4	8.5	9.7	8.7
2	10.1	10.5	9.1	9.5	9.7	9.9	10.5	11.2	10.1	10.5	10.2	9.8	9.6	8.9	7.5	7.4	7.7	8.8	8.8	8.8	8.8	8.7	9.7	12.7	9.4
3	13.8	12.2	11.5	10.2	9.7	10.8	12.8	12.6	11.7	11.2	10.2	9.5	9.2	9.2	9.5	9.2	8.7	8.5	9.7	9.4	9.6	10.2	12.2	12.6	10.5
4	12.8	11.8	11.6	12.2	9.9	9.3	11.2	13.2	13.8	12.7	12.5	13.4	13.3	13.6	13.6	12.9	13.3	13.3	13.0	12.5	13.1	12.7	11.4	12.3	12.4
5	13.1	12.5	12.8	12.2	11.5	10.8	11.7	12.7	14.1	13.3	12.4	12.8	11.2	10.5	10.8	9.9	9.7	8.9	9.7	9.4	10.5	10.2	11.5	11.4	11.3
6	11.3	11.1	12.1	10.8	11.8	10.7	11.2	11.5	11.0	10.5	10.3	10.3	9.7	9.8	9.4	9.2	8.6	7.7	8.7	8.6	9.4	10.2	11.2	11.8	10.3
7	11.8	11.7	11.8	11.3	9.8	8.9	9.9	10.4	10.8	9.4	9.2	9.1	8.7	9.3	9.5	8.3	7.7	9.4	10.2	9.6	10.6	11.5	12.9	12.3	10.2
8	12.1	11.1	10.7	10.3	9.5	8.8	8.5	8.6	9.8	11.4	12.5	12.8	12.1	11.2	11.8	12.2	12.8	12.2	11.5	12.2	12.6	12.9	11.5	9.9	11.1
9	10.5	11.2	11.2	11.1	10.8	11.5	12.1	13.6	12.5	13.2	12.5	12.6	11.8	12.7	11.6	11.4	10.5	11.8	11.3	10.8	11.5	11.3	11.3	13.1	11.8
10	13.7	13.8	12.3	11.2	10.2	9.4	10.6	11.4	11.6	11.6	12.2	11.5	10.8	10.5	10.5	9.7	9.8	10.3	10.6	10.4	10.3	10.6	11.6	13.8	11.1
11	12.9	13.1	12.8	11.5	11.3	9.7	11.3	13.4	13.6	13.8	11.7	11.3	10.5	10.2	9.4	9.3	9.8	11.6	11.6	11.6	13.1	12.5	12.2	11.7	11.6
12	12.8	12.3	12.5	12.4	12.3	12.3	12.9	14.4	13.5	12.1	12.3	11.6	10.6	10.4	9.6	9.7	11.5	11.8	11.8	12.0	12.4	11.5	13.4	12.5	12.3
13	12.8	12.3	11.6	11.5	11.8	10.7	11.6	12.5	12.7	11.6	9.8	8.6	8.2	7.6	7.5	6.9	6.3	8.1	5.5	6.8	8.6	10.6	12.3	13.6	9.8
14	13.1	12.5	12.8	10.2	9.9	9.7	11.5	11.5	11.5	11.7	10.6	9.9	8.6	8.5	8.3	7.5	7.7	7.4	7.6	8.4	9.5	12.1	13.7	13.1	10.3
15	13.6	12.1	11.7	11.3	10.7	11.4	11.5	11.5	10.1	9.9	10.3	10.3	10.2	9.4	8.6	7.4	7.4	7.3	8.4	7.0	7.3	7.3	7.5	7.8	9.4
16	8.5	5.9	6.8	5.8	4.4	2.6	3.9	4.7	5.6	6.4	6.3	5.6	6.3	7.8	9.1	8.8	8.5	7.6	5.7	5.9	5.3	4.7	5.9	8.8	6.1
17	8.6	9.1	8.4	9.2	8.4	8.8	8.8	9.4	9.6	9.4	9.8	10.1	11.5	11.4	12.8	12.1	11.6	11.7	11.2	9.6	9.9	9.9	11.2	11.4	10.1
18	9.6	9.6	10.2	9.3	9.9	10.4	10.4	11.4	10.7	11.2	10.8	10.7	12.8	11.4	10.3	11.1	10.5	9.3	9.2	8.4	7.7	8.5	9.1	10.1	10.1
19	10.3	10.1	9.9	-9.9	9.4	8.8	10.4	11.8	10.7	10.4	6.9	9.2	8.7	7.6	8.8	6.7	6.4	5.8	6.6	7.2	7.2	8.4	9.9	10.8	8.8
20	10.8	11.2	11.7	11.4	11.6	9.8	10.2	11.8	10.8	10.5	9.9	8.9	9.1	8.3	7.7	7.3	8.4	6.4	6.8	5.8	4.8	3.6	3.1	5.8	8.4
21	7.3	7.6	6.3	7.9	7.8	6.1	6.5	8.4	8.2	6.7	6.8	6.1	5.8	4.2	4.2	3.5	3.8	3.2	3.4	3.1	2.2	1.5	2.8	2.3	5.2
22	4.5	6.8	7.6	8.3	7.4	8.2	8.2	9.7	10.2	10.3	8.8	7.7	7.5	7.7	7.5	8.9	8.8	5.4	8.8	6.3	6.9	7.5	10.8	11.8	7.9
23	12.8	11.3	11.1	10.4	10.2	10.2	9.9	10.8	10.7	10.6	9.8	8.8	8.4	7.8	7.6	7.6	8.7	8.8	7.5	7.3	8.6	9.4	11.8	11.5	9.8
24	11.8	11.6	11.4	10.1	9.9	9.3	9.8	11.0	10.5	10.1	9.9	8.3	7.4	7.3	7.9	8.7	7.9	8.5	7.9	8.4	8.8	8.7	11.5	13.8	9.5
25	12.3	11.5	10.8	10.5	11.8	10.2	10.7	11.8	11.6	11.2	11.5	10.1	8.6	8.3	8.9	9.1	8.2	7.7	8.3	8.8	9.7	10.7	11.3	10.8	10.1
26	11.8	11.5	11.2	11.1	10.7	10.7	10.6	12.6	12.8	12.8	11.8	10.6	9.8	9.1	9.3	9.3	9.3	9.3	10.2	10.4	11.8	11.2	12.2	12.4	10.8
27	13.1	13.1	12.1	11.3	11.1	11.8	10.8	12.2	13.1	12.1	11.6	11.8	11.1	11.3	12.8	11.5	11.2	12.1	11.8	12.4	12.4	13.1	13.8	13.1	12.0
28	13.9	13.5	12.5	11.5	11.5	11.8	12.2	14.3	13.9	13.1	12.4	12.5	12.4	10.6	10.4	11.8	12.2	11.4	11.8	12.7	13.1	13.3	14.9	13.9	12.6
29	13.6	13.4	12.2	11.5	10.8	10.1	9.8	11.7	11.4	11.5	10.8	11.8	10.6	9.7	9.7	9.4	9.1	8.9	9.3	9.2	8.8	10.6	12.8	11.7	10.7
30	11.2	12.2	11.8	11.8	10.7	10.1	10.5	11.8	11.5	10.6	10.6	10.5	10.5	9.9	9.1	8.9	9.9	9.6	9.6	8.6	7.8	8.4	9.4	10.6	10.2
31	12.1	10.2	9.4	8.6	7.8	8.3	8.8	9.4	9.1	8.5	8.8	7.9	7.8	8.8	8.5	7.9	8.5	7.3	6.5	5.5	8.5	7.4	7.8	9.2	8.3
AVG	11.3	11.1	10.8	10.4	9.9	9.8	10.2	11.3	11.2	10.8	10.5	10.0	9.7	9.4	9.3	9.0	8.9	8.8	8.9	8.8	9.1	9.8	10.5	11.0	10.0
STD	2.1	1.8	1.6	1.4	1.6	1.8	1.8	1.9	1.8	1.6	1.6	1.8	1.9	1.8	1.8	2.0	2.1	2.3	2.4	2.3	2.6	2.7	2.8	2.4	1.7
MAX	13.9	13.6	12.6	12.4	12.3	12.3	12.9	14.4	14.1	13.3	12.5	13.4	13.3	13.8	13.6	12.9	13.3	13.3	13.0	12.7	13.1	13.3	14.9	13.9	12.6
MIN	4.5	5.9	6.8	5.8	4.4	2.6	3.9	4.7	5.6	6.4	6.3	5.6	5.8	4.2	4.2	3.5	3.8	3.2	3.4	3.1	2.2	1.5	2.8	2.3	5.2

RAS GHAREB,EGYPT AUGUST 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	10.1	10.5	9.1	7.8	7.6	8.6	7.3	7.4	8.2	7.7	7.7	8.0	7.6	7.5	8.4	6.8	7.8	7.7	7.3	6.6	7.4	8.8	10.6	11.1	8.3
2	9.2	8.3	8.2	8.7	8.5	8.3	8.4	9.2	8.4	8.7	8.7	8.6	7.0	6.3	6.3	6.3	5.7	6.1	6.9	7.3	7.7	8.6	10.1	10.8	8.0
3	10.3	9.8	8.9	8.5	7.7	7.3	7.6	9.1	8.7	9.1	9.6	8.3	8.2	7.5	7.8	6.3	6.6	7.4	6.8	6.7	7.4	8.0	9.2	10.4	8.2
4	10.4	6.9	9.3	9.6	9.3	8.7	7.9	9.8	9.4	9.7	8.6	7.7	6.7	6.3	5.8	5.5	7.2	7.8	8.0	8.5	10.4	11.7	12.6	13.1	8.8
5	12.4	12.0	11.1	10.7	10.6	9.7	10.3	10.5	10.3	10.3	9.6	8.8	8.0	7.5	7.5	7.8	8.0	8.2							9.6
6																									
7									6.0	6.5	6.1	6.5	7.2	7.5	6.7	7.8	9.4	8.9	7.9	6.8	9.6	10.5	10.4	9.9	8.1
8	9.8	9.7	8.4	8.4	8.4	7.5	8.7	10.7	11.3	10.7	10.1	9.5	10.3	10.3	10.5	9.9	9.7	10.2	10.6	9.9	11.1	11.1	11.3	12.0	10.0
9	11.5	11.3	10.7	10.7	10.5	10.4	10.7	12.2	12.6	12.3	11.8	10.8	10.3	9.9	9.2	9.2	8.6	7.6	7.7	7.8	8.7	9.7	11.8	12.7	10.4
10	12.6	11.8	11.2	11.3	10.7	10.4	10.7	11.6	11.5	11.1	10.6	10.1	9.6	9.4	8.6	7.4	7.4	7.3	7.8	8.3	8.6	10.4	12.4	12.9	10.1
11	12.1	10.6	10.7	10.4	10.6	11.2	9.9	11.0	11.0	11.0	11.1	10.7	9.9	9.7	9.3	9.6	8.8	8.8	9.9	9.5	11.1	12.6	12.4	12.8	10.6
12	12.7	12.1	12.2	11.6	10.2	9.6	11.0	12.5	12.9	12.5	12.4	12.1	10.6	9.9	9.3	9.8	9.5	9.6	10.8	11.8	12.4	12.2	12.8	12.2	11.4
13	11.8	11.5	11.4	11.8	11.2	11.5	10.5	12.5	11.6	11.5	10.5	10.3	10.8	11.2	10.5	8.4	8.8	6.9	9.3	8.9	8.7	9.3	9.8	10.2	10.5
14	9.6	10.2	9.8	9.9	9.7	8.4	8.5	10.4	11.0	10.4	11.0	10.1	9.3	9.5	8.9	7.8	8.6	8.3	7.9	8.2	8.3	9.3	10.4	10.5	9.4
15	11.3	11.8	11.3	11.3	10.5	10.4	9.9	11.6	11.6	11.1	10.7	10.4	10.4	10.1	9.3	9.1	8.4	8.0	9.1	9.4	10.3	11.5	11.0	9.8	10.4
16	9.8	10.6	11.1	10.3	9.7	8.7	8.2	9.9	10.5	9.9	11.0	11.0	9.4	8.6	9.1	8.0	8.2	8.6	9.3	9.3	10.6	12.1	12.0	12.2	9.9
17	12.2	10.8	9.6	10.1	9.1	8.8	9.7	10.7	9.8	9.1	9.1	11.3	11.1	9.9	10.1	10.2	9.7	9.4	10.2	10.1	10.7	11.8	12.0	11.7	10.3
18	11.4	11.0	10.3	9.4	9.8	9.7	9.7	11.8	13.1	12.6	12.0	12.3	11.5	10.5	9.9	9.7	9.1	9.2	9.3	9.1	11.0	12.3	13.0	12.8	10.8
19	12.0	11.5	11.2	11.6	11.3	11.7	11.3	12.9	12.7	13.5	13.5	13.3	13.9	13.9	13.2	13.6	13.6	13.9	13.7	14.2	13.6	13.5	13.9	14.2	13.0
20	14.3	14.2	13.3	12.8	12.3	14.4	14.5	14.3	14.0	13.3	12.7	12.1	11.5	10.3	9.7	8.9	8.6	9.1	9.8	9.7	10.2	10.8	11.6	12.2	11.8
21	11.2	9.7	9.9	9.9	9.8	8.7	8.4	8.8	8.5	9.2	9.4	8.5	8.2	7.6	6.9	7.2	6.0	5.7	6.7	5.8	5.1	6.3	8.3	10.7	8.2
22	11.2	10.3	10.8	10.3	10.2	10.2	10.5	11.1	11.0	11.4	11.0	8.7	8.5	7.7	7.4	6.1	5.8	5.3	5.8	5.7	4.9	6.3	8.5	9.4	8.7
23	8.9	8.6	7.5	7.6	8.6	6.1	7.2	8.5	8.8	9.6	8.5	7.9	7.3	6.9	5.7	4.8	5.3	4.9	4.9	5.5	8.2	9.8	10.2	9.3	7.4
24	8.8	9.4	9.4	8.8	8.8	8.4	8.6	9.9	11.2	10.7	9.7	9.7	9.1	8.6	8.3	6.0	8.7	8.7	9.2	10.2	11.7	13.3	14.0	14.1	9.9
25	13.5	13.0	12.4	11.6	12.9	12.1	13.0	14.8	15.1	15.0	14.6	14.4	15.1	15.0	15.0	14.6	15.2	14.3	13.4	13.6	13.3	14.3	13.6	13.4	13.9
26	13.4	12.7	12.5	12.6	11.3	10.7	12.5	14.5	14.6	15.0	14.2	13.9	13.5	13.1	12.3	11.6	12.2	11.3	11.0	10.7	10.7	11.2	12.4	12.3	12.5
27	12.2	12.1	11.4	11.0	10.1	9.5	8.6	10.8	11.5	11.6	11.2	10.4	9.9	8.8	8.3	8.4	8.4	8.5	8.0	7.6	8.4	8.7	9.5	10.3	9.8
28	10.3	9.4	8.6	6.7	8.2	7.6	6.3	7.5	8.2	8.3	8.0	7.4	7.4	7.4	6.5	6.0	5.8	5.4	5.6	5.5	5.6	7.7	9.4	11.3	7.6
29	11.5	11.2	12.6	11.6	11.1	10.5	10.5	12.1	11.4	11.7	11.2	10.6	10.1	10.1	9.5	8.3	8.2	9.4	9.1	8.4	8.6	9.7	10.6	11.2	10.4
30	11.4	12.0	11.2	10.8	9.4	9.3	9.3	11.4	11.3	11.5	10.3	9.8	10.1	9.9	9.8	10.1	10.8	10.6	10.4	9.7	10.4	12.7	13.9	13.4	10.8
31	12.6	12.4	12.9	13.7	13.7	12.9	13.9	14.4	14.4	14.9	14.6	15.1	14.1	14.3	14.4	14.5	14.9	13.7	11.8	11.7	12.2	12.4	12.5	11.8	13.5
AVG	11.3	10.9	10.6	10.4	10.0	9.7	9.6	11.1	11.0	11.0	10.6	10.3	9.9	9.5	9.1	8.8	8.8	8.0	9.0	8.9	9.6	10.6	11.4	11.6	10.4
STD	1.4	1.4	1.5	1.5	1.5	1.8	2.0	1.9	2.1	2.1	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.3	2.1	2.2	2.2	2.1	1.8	1.3	1.7
MAX	14.3	14.2	13.3	13.7	13.7	14.4	14.5	14.8	15.1	15.0	14.6	15.1	15.1	15.0	15.0	14.8	15.2	14.3	13.7	14.2	13.6	14.3	14.0	14.2	13.9
MIN	8.8	8.3	7.5	7.8	8.6	6.1	6.3	7.4	6.0	6.5	6.1	6.5	6.7	6.3	5.0	4.8	5.3	4.9	4.9	5.5	4.9	6.3	8.3	9.3	7.4

RAS GHAREB,EGYPT SEPTEMBER 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	11.3	9.8	11.4	12.7	13.9	13.7	13.5	14.3	15.1	15.4	15.3	15.8	15.0	14.6	14.8	15.0	14.3	14.2	12.9	12.3	12.0	11.8	11.7	9.3	13.3
2	9.3	9.7	9.8	10.1	10.1	9.5	10.6	13.5	13.5	14.2	13.4	13.1	12.9	12.4	12.3	12.6	12.1	11.6	11.0	11.2	11.5	11.5	11.4	10.8	11.6
3	10.1	11.4	12.0	12.2	11.4	10.8	10.7	12.1	12.5	12.7	12.3	12.5	11.7	11.1	9.8	9.6	8.4	8.4	7.7	8.0	8.4	8.6	10.2	10.6	10.6
4	10.7	10.2	10.8	11.3	12.1	12.9	12.6	13.1	13.3	13.1	12.3	11.2	11.2	10.1	10.7	11.1	10.6	9.2	9.4	9.6	9.8	9.7	10.1	10.8	11.1
5	11.2	10.8	12.3	11.8	10.2	9.1	9.6	11.7	14.1	13.6	14.4	14.6	14.2	13.1	13.2	14.6	14.5	13.9	12.7	11.5	11.4	11.2	11.7	12.0	12.4
6	11.7	11.6	12.5	10.1	6.4	8.4	9.2	11.0	11.7	11.5	11.0	11.8	11.6	11.2	10.8	10.7	10.4	10.3	9.2	8.8	9.6	9.6	10.8	11.3	10.6
7	12.6	13.2	12.3	11.7	11.5	11.2	12.3	13.3	13.5	13.1	12.5	11.7	10.8	10.2	10.5	10.5	10.5	11.2	10.7	10.6	11.3	11.7	12.7	13.6	11.8
8	12.6	11.6	11.1	10.6	9.8	9.4	9.3	9.6	10.1	10.2	9.6	9.3	9.6	9.2	8.2	7.6	7.2	7.4	8.0	7.6	6.5	8.5	8.6	9.2	9.3
9	7.9	7.8	8.9	8.0	8.2	7.4	7.2	7.7	8.0	7.4	7.7	7.6	7.5	6.9	6.7	7.2	6.6	6.6	7.0	6.1	6.1	6.5	7.4	8.2	7.4
10	8.2	8.0	7.7	7.6	7.8	7.8	7.9	9.3	10.1	10.3	9.8	9.1	8.3	7.7	8.0	7.8	8.8	8.2	7.7	8.5	8.6	9.6	10.6	11.4	8.7
11	12.0	11.3	10.1	10.2	10.3	10.4	11.3	13.9	15.1	15.4	14.9	14.0	14.4	14.6	14.3	14.3	13.1	11.4	11.0	10.6	10.6	10.6	9.1	10.2	12.2
12	11.8	13.2	12.9	12.5	13.1	13.3	13.8	12.6	13.9	13.3	14.1	12.9	11.7	12.0	12.8	11.4	10.7	9.6	9.8	9.2	8.6	9.6	10.3	11.2	11.8
13	11.1	9.6	8.4	7.3	7.0	7.4	6.8	7.9	8.3	8.0	7.9	8.2	9.2	9.8	8.7	7.6	7.5	7.8	7.8	6.6	7.2	6.6	7.2	7.4	8.0
14	9.2	9.7	9.7	9.8	8.6	7.6	6.8	7.5	8.8	8.9	8.9	9.1	8.9	8.6	8.5	8.8	8.9	8.2	7.6	8.2	8.6	9.3	9.1	9.5	8.7
15	10.3	11.5	13.0	13.6	13.1	11.6	10.4	11.3	12.6	12.1	12.3	12.4	11.5	12.4	12.4	12.0	11.8	9.9	9.8	9.7	9.6	10.4	10.1	11.1	11.4
16	10.8	11.2	12.3	11.7	11.2	10.2	10.3	13.4	13.4	13.3	13.3	12.3	12.2	11.8	11.7	11.3	12.1	12.7	12.0	12.9	12.5	12.1	12.0	13.0	12.1
17	13.0	12.0	11.8	11.4	10.1	12.0	13.0	14.5	15.3	15.0	13.6	13.5	13.0	13.1	13.6	14.0	13.6	13.9	14.1	12.5	12.9	13.5	13.2	13.0	13.1
18	12.9	12.6	12.1	11.2	12.1	11.6	12.6	15.9	16.0	15.4	15.0	14.0	13.9	13.9	14.6	15.2	14.6	13.4	13.6	13.4	13.5	14.4	13.7	13.7	13.7
19	14.3	14.1	13.5	13.3	12.9	13.7	13.3	14.4	15.4	14.8	14.5	13.2	13.3	14.6	14.6	14.9	14.9	14.9	13.5	13.3	14.1	13.4	13.3	13.1	14.0
20	13.0	13.4	12.3	12.6	12.4	11.6	12.2	14.3	14.0	13.6	13.0	12.6	12.6	11.8	10.7	11.1	12.6	13.0	13.2	14.1	12.5	12.2	12.6	12.9	12.7
21	13.0	12.5	12.3	12.9	11.5	10.4	11.3	12.6	12.9	11.7	11.8	11.3	10.1	9.1	8.3	7.6	7.2	7.6	7.6	8.7	9.5	10.4	11.2	11.3	10.5
22	12.3	10.7	9.1	8.7	8.2	7.2	7.2	7.5	7.4	6.6	7.4	6.8	5.6	5.1	4.6	4.6	4.9	3.9	3.0	3.0	2.7	3.5	5.6	7.5	6.4
23	7.4	7.0	6.6	7.5	7.8	6.9	6.6	8.2	9.2	9.5	10.4	9.0	8.8	8.2	7.3	7.8	7.5	7.8	8.4	6.9	10.3	10.6	10.3	11.3	8.6
24	11.3	11.8	11.4	10.3	10.5	10.5	10.6	11.3	12.5	12.9	12.4	12.7	13.0	13.4	14.0	13.9	13.5	12.6	12.5	13.4	12.9	12.7	13.2	12.5	12.3
25	11.3	11.8	11.8	11.7	11.5	11.6	11.2	10.7	11.4	10.8	10.3	9.1	8.7	8.9	9.1	9.3	9.7	8.9	8.9	8.9	9.4	9.6	8.6	7.6	10.1
26	8.9	8.5	7.7	6.9	6.0	3.6	3.9	5.3	7.3	6.9	6.7	6.6	5.8	6.0	6.0	5.4	5.3	5.5	4.7	3.5	4.7	6.2	7.6	7.9	6.2
27	7.9	8.0	8.0	8.3	8.2	7.6	6.2	6.5	9.2	8.8	8.6	8.6	8.0	7.5	6.6	7.0	7.6	5.9	6.8	7.3	7.3	7.3	7.2	7.2	7.7
28	7.6	8.2	8.3	8.5	8.7	8.8	8.2	9.5	9.6	9.6	9.2	8.5	8.5	7.7	7.2	7.0	5.6	5.6	7.3	7.2	7.0	7.3	8.5	9.5	8.1
29	14.2	10.4	9.2	8.3	8.6	7.5	6.6	10.6	11.4	11.5	11.6	11.0	11.1	11.0	10.4	10.2	9.6	8.6	8.5	8.9	8.5	9.6	10.4	11.1	9.9
30	10.7	10.4	10.7	11.3	10.7	10.5	11.2	11.1	11.7	12.0	11.7	11.3	11.0	10.5	9.8	9.8	9.3	9.3	8.9	9.6	9.3	10.8	11.1	10.8	10.5
AVG	10.8	10.7	10.7	10.5	10.2	9.8	10.0	11.2	11.9	11.8	11.5	11.1	10.8	10.6	10.3	10.3	10.1	9.8	9.5	9.5	9.6	10.0	10.3	10.8	10.5
STD	1.8	1.8	1.8	1.9	2.0	2.3	2.4	2.6	2.5	2.5	2.4	2.4	2.4	2.6	2.8	3.0	2.9	2.8	2.7	2.7	2.6	2.3	2.1	1.9	2.1
MAX	14.3	14.1	13.5	13.6	13.9	13.7	13.6	15.9	16.0	15.4	15.3	15.0	15.0	14.8	14.8	15.2	14.9	14.9	14.1	14.1	14.1	14.4	13.7	13.7	14.0
MIN	7.4	7.0	7.7	6.9	6.0	3.6	3.9	5.3	7.3	6.9	6.7	6.6	5.6	5.1	4.6	4.6	4.9	3.9	3.0	3.0	2.7	3.5	5.6	7.2	6.2

RAS GHAREB,EGYPT OCTOBER 1986 20M AGL BHW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.7	10.8	12.6	11.5	11.0	10.7	10.2	11.5	13.4	13.5	13.2	13.1	13.5	13.9	13.9	14.2	13.9	12.9	11.6	11.5	11.5	13.1	11.4	11.8	12.3
2	13.2	10.7	11.0	10.4	10.6	10.4	11.2	14.1	14.8	13.7	13.9	14.3	14.2	14.5	15.0	14.9	14.6	14.4	13.3	13.4	13.3	12.4	11.7	10.8	12.9
3	11.1	11.2	10.4	9.9	9.9	10.1	10.8	12.7	13.3	13.2	13.0	13.2	12.6	12.6	13.5	14.3	14.2	13.3	13.3	13.0	12.9	13.2	12.2	11.6	12.3
4	12.1	11.8	11.6	11.6	10.5	9.7	10.6	12.7	14.1	14.6	14.3	13.4	13.0	12.6	12.1	12.3	12.2	11.1	11.3	11.5	10.7	10.7	10.3	10.8	11.9
5	10.4	10.6	9.9	10.6	10.1	10.3	9.6	10.3	10.6	11.3	11.1	9.5	9.5	8.6	8.8	9.4	8.4	7.4	6.9	7.3	9.2	9.7	10.1	10.1	9.6
6	9.7	9.4	8.8	7.7	6.4	6.1	7.3	7.6	8.8	9.3	8.9	8.5	8.3	7.3	6.9	6.5	6.6	6.1	5.7	5.9	5.9	6.8	7.6	7.4	7.5
7	7.5	6.9	6.9	6.9	7.3	7.3	7.5	8.6	11.1	11.0	11.2	10.5	10.5	9.6	9.2	8.4	7.4	7.2	7.7	7.5	7.9	7.8	8.0	8.0	8.4
8	8.5	8.5	9.6	10.6	11.8	11.1	12.6	12.3	12.6	13.2	13.1	12.2	11.4	10.3	9.4	8.9	8.5	7.9	7.9	8.8	8.9	8.8	8.5	8.4	10.2
9	8.2	6.3	8.2	8.0	9.9	11.6	8.3	8.4	10.8	10.1	10.1	11.3	11.4	11.8	11.8										9.8
10																									
11														11.8	12.3	10.7	9.2	7.9	7.0	7.4	6.9	9.7	11.3	11.5	9.7
12	11.8	11.6	12.6	11.1	11.3	11.4	10.5	11.0	12.3	12.6	12.8	12.7	12.4	11.5	10.5	10.7	10.6	9.6	8.6	8.7	9.1	8.5	9.1	13.3	11.0
13	12.7	13.2	12.4	11.5	10.9	10.9	10.6	12.8	12.2	12.3	12.3	12.2	11.6	12.4	12.4	12.3	12.0	11.8	11.5	12.3	12.4	13.1	12.9	12.6	12.1
14	12.3	9.1	9.6	9.2	8.7	8.8	8.5	9.2	9.7	9.4	9.6	9.2	9.2	8.9	8.7	8.3	7.8	7.2	6.1	8.2	6.2	6.7	7.6	8.4	8.5
15	9.1	9.8	8.9	9.2	6.6	9.1	8.5	8.4	9.4	10.2	9.3	9.2	8.8	8.4	8.4	7.8	7.5	7.5	8.3	7.0	6.5	7.9	6.4	7.9	8.4
16	7.5	7.8	7.9	8.0	7.6	6.7	7.0	6.7	7.1	7.8	6.9	6.9	7.1	7.2	7.9	7.5	6.6	5.8	6.7	6.1	6.6	6.9	7.1	6.2	7.1
17	5.4	5.8	7.2	6.7	6.9	6.6	6.2	5.8	6.0	6.2	8.0	6.1	6.2	6.9	6.1	4.9	4.1	3.9	3.6	4.5	4.5	2.3	3.0	3.6	5.4
18	3.8	3.6	3.1	3.2	3.1	3.2	3.0	1.6	2.2	3.0	3.6	4.3	4.8	4.5	2.8	7.6	8.2	7.8	7.5	6.5	6.1	7.2	8.5	7.6	4.8
19	4.1	2.7	4.1	3.5	4.3	5.4	7.0	7.5	6.1	5.2	5.8	6.2	6.6	7.1	7.3	8.4	8.2	6.9	5.0	3.1	2.7	3.5	4.1	4.4	5.4
20	4.4	4.8	5.3	7.1	7.2	7.0	6.6	7.4	8.8	8.9	9.2	9.1	9.3	9.2	10.6	10.8	11.3	10.9	10.9	10.2	9.8	9.7	8.9	9.2	8.6
21	8.5	8.4	9.4	10.2	10.4	10.4	9.4	10.2	11.4	11.1	11.5	12.6	12.6	12.2	12.4	13.1	12.6	12.6	12.9	13.5	12.8	11.5	11.1	10.6	11.3
22	11.4	11.6	11.9	11.8	11.4	11.0	11.4	11.4	12.0	12.4	11.6	11.5	11.1	10.6	9.8	8.8	9.4	9.4	10.2	11.3	11.9	12.4	10.9	10.7	11.1
23	10.9	10.9	9.8	9.4	8.8	8.8	8.7	9.1	12.2	12.3	11.6	11.1	10.5	10.0	9.1	8.4	6.3	5.8	5.3	5.7	7.1	7.5	8.4	8.6	9.8
24	9.4	8.4	7.9	8.5	8.2	8.7	6.0	6.6	10.4	10.9	10.5	10.2	9.8	9.7	9.6	9.3	8.8	8.2	8.2	7.5	8.7	10.6	10.7	11.1	9.3
25	11.3	11.6	11.6	12.2	11.9	11.3	10.4	10.6	12.7	12.8	12.4	12.6	12.2	12.6	12.4	12.9	12.9	11.6	12.3	11.6	11.5	11.6	11.3	11.5	11.9
26	11.3	11.1	11.0	10.5	12.6	11.3	11.3	12.8	14.2	14.2	13.6	13.5	12.9	12.3	11.6	12.2	11.9	10.6	10.5	12.7	13.8	13.3	12.7	12.3	12.3
27	12.0	12.4	12.6	11.9	11.9	11.3	9.6	11.4	12.4	13.3	13.5	14.2	13.2	12.8	12.8	12.7	12.4	12.2	12.0	10.7	10.5	11.4	10.8	10.4	12.0
28	9.8	9.4	10.4	10.7	10.6	10.0	9.7	9.4	11.3	11.4	12.2	12.8	12.4	13.1	12.3	12.0	11.6	11.1	10.2	10.7	10.4	10.6	11.5	10.9	11.6
29	10.6	10.5	10.6	9.7	9.5	10.2	9.7	10.6	10.9	11.1	11.0	10.6	11.6	11.0	10.6	10.2	10.7	9.8	10.4	11.1	11.3	11.3	10.9	10.6	10.6
30	10.1	9.7	8.7	8.7	9.2	9.2	9.3	9.8	10.0	11.1	10.9	10.1	9.2	9.2	8.4	8.3	8.6	7.0	6.7	7.2	7.4	7.9	7.6	6.7	8.9
31	8.0	7.6	7.5	7.0	6.6	7.2	7.2	7.2	7.8	7.9	7.6	7.4	7.2	7.2	6.3	6.1	5.7	5.0	5.6	4.5	5.2	4.9	6.3	7.0	6.7
AVG	9.6	9.2	9.3	9.2	9.2	9.2	9.0	9.7	10.8	10.8	10.7	10.6	10.4	10.3	10.1	10.1	9.7	9.6	8.8	8.9	9.0	9.4	9.4	9.5	9.7
STD	2.6	2.6	2.4	2.2	2.3	2.1	2.0	2.6	2.7	2.7	2.6	2.6	2.4	2.4	2.6	2.6	2.7	2.7	2.6	2.9	2.9	2.9	2.4	2.3	2.2
MAX	13.2	13.2	12.6	12.2	12.0	11.6	12.6	14.1	14.2	14.2	14.3	14.3	14.2	14.5	15.0	14.9	14.6	14.4	13.3	13.5	13.8	13.3	12.9	13.3	12.9
MIN	3.8	2.7	3.1	3.2	3.1	3.2	3.0	1.6	2.2	3.0	3.6	4.3	4.6	4.5	2.8	4.9	4.1	3.9	3.6	3.1	2.7	2.3	3.0	3.6	4.8

RAS GHAREB,EGYPT NOVEMBER 1986 20M AGL BHW DATA(M/S)

DAY	HOUR 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.5	8.2	8.8	8.5	8.3	8.3	8.9	7.6	8.5	9.2	9.3	8.8	9.3	8.8	8.9	8.4	7.8	8.3	7.2	8.8	7.2	8.2	9.7	10.0	7.9
2	11.1	10.2	9.4	8.2	7.6	8.0	8.2	8.9	10.6	10.6	9.4	9.1	8.3	7.1	7.8	8.9	7.4	8.9	7.4	7.5	8.2	9.3	10.4	11.0	8.7
3	10.8	9.7	10.4	10.8	10.1	9.4	10.2	12.7	14.1	14.1	14.1	13.8	14.1	13.8	13.7	12.9	12.3	11.3	11.3	11.4	12.0	11.1	12.7	13.2	12.1
4	12.2	11.1	10.7	10.2	11.1	12.7	10.9	11.9	14.0	13.6	13.2	12.8	12.2	12.2	12.8	13.2	12.6	11.1	11.0	10.5	10.5	11.1	10.2	10.4	11.8
5	11.9	10.9	10.5	10.6	10.6	10.0	9.8	10.0	10.6	10.5	8.8	8.5	8.8	8.6	7.0	8.3	5.8	6.5	6.3	5.6	6.8	6.9	8.5	9.4	8.6
6	10.0	8.9	8.5	9.1	7.4	6.7	6.0	4.8	5.7	8.3	8.1	6.0	5.7	5.8	4.9	4.8	3.8	3.4	3.4	4.0	3.2	4.0	4.0	6.7	5.8
7	5.2	5.2	3.4	6.2	6.3	6.6	5.8	3.9	5.0	6.0	5.4	5.6	5.3	4.7	3.5	3.4	3.1	3.6	4.3	3.6	3.6	3.9	4.7	5.2	4.7
8	4.8	3.6	3.8	2.6	2.6	3.0	3.0	2.1	1.3	1.2	3.2	4.3	5.6	6.3	7.6	7.4	6.0	7.8	6.7	6.7	6.6	8.3	5.3	2.2	4.6
9	3.4	3.6	5.4	6.8	8.2	7.0	5.3	3.5	2.2	2.6	2.1	3.5	3.6	4.8	8.9	7.9	8.4	9.3	9.8	9.3	10.1	10.8	10.2	9.8	8.3
10	9.8	7.0	7.8	7.9	7.9	7.4	6.7	6.2	6.9	7.9	8.2	8.2	9.4	9.8	9.8	9.4	9.2	9.3	7.2	5.3	5.8	5.4	6.5	6.5	7.7
11	8.2	8.1	6.0	6.1	5.4	4.8	4.5	4.4	5.6	4.8	5.6	6.0	6.2	7.2	8.0	8.3	7.6	7.5	6.9	5.7	5.6	4.9	5.5	4.8	6.0
12	3.6	4.5	7.0	6.6	5.3	8.1	6.2	7.8	8.4	9.2	9.8	10.1	10.1		10.7	10.3	9.9	6.7	9.5	9.4	8.9	8.6	8.7	8.8	8.2
13	7.4	8.9	9.3	9.5	9.4	8.9	9.1	9.1	9.4	8.9	8.6	9.3	9.4	8.8	8.3	8.5	7.7	7.8	8.0	9.2	8.7	7.7	8.7	9.3	8.7
14	9.7	9.8	10.4	9.8	9.4	9.3	9.3	9.3	9.8	10.1	9.4	9.2	8.5	8.3	7.8	8.6	5.0	5.0	4.9	5.8	4.9	4.9	8.6	9.6	8.1
15	8.8	9.1	8.4	8.4	7.9	7.6	6.9	7.5	9.1	9.2	8.8	8.0	7.7	6.9	6.5	6.5	6.5	8.6	6.0	8.9	7.9	6.4	8.9	10.2	7.8
16	9.7	9.5	9.8	9.8	8.8	8.3	9.3	8.6	9.9	10.8	10.7	10.6	10.1	9.8	9.3	9.2	8.5	8.0	7.4	7.8	8.8	9.5	10.6	10.7	9.4
17	10.7	10.7	10.4	9.5	8.9	8.4	8.2	9.1	11.4	12.8	12.4	12.0	11.3	10.7	10.6	10.5	10.1	9.2	9.5	10.6	9.5	9.6	9.1	9.2	10.2
18	9.5	10.6	10.7	9.7	9.1	8.8	9.2	10.2	10.7	11.1	12.2	12.0	11.8	10.5	9.5	9.2	9.2	9.9	9.9	8.9	7.6	8.0	8.4	9.3	9.8
19	8.6	9.3	8.7	7.4	7.8	8.5	6.8	7.5	6.8	6.9	7.4	7.2	6.4	5.9	5.6	4.8	5.6	5.4	5.5	5.8	6.7	8.7	8.9	9.3	7.8
20	8.5	8.0	7.4	7.0	6.8	6.3	5.4	5.6	5.9	5.1	5.7	5.6	4.6	4.7	3.9	4.1	4.1	4.0	3.4	3.5	3.1	3.8	3.9	4.4	5.2
21	5.3	4.9	4.4	5.1	4.5	3.7	4.5	3.4	2.8	4.2	5.1	5.6	7.0	7.3	6.7	5.9	6.0	5.8	6.1	6.4	6.3	6.5	6.9	6.5	5.5
22	7.2	8.0	7.5	7.4	7.5	7.5	7.6	7.7	8.7	10.6	12.0	11.6	11.1	10.6	10.2	10.6	9.7	8.8	8.9	9.5	10.1	10.6	10.8	10.4	9.4
23	9.9	10.6	10.2	11.1	11.1	10.5	10.2	10.6	10.4	11.6	11.5	11.3	10.8	10.6	9.9	9.7	8.9	7.2	7.6	7.9	8.6	8.7	8.0	8.0	9.8
24	7.8	8.2	7.8	7.3	6.7	5.7	5.4	5.0	4.8	4.8	4.4	3.9	2.9	2.5	2.9	4.5	6.6	6.9	7.2	8.3	9.2	8.4	8.2	8.7	6.1
25	8.0	6.5	4.6	3.7	3.4	4.1	3.9	2.8	3.0	3.9	5.6	7.0	7.5	6.5	5.1	3.6	4.6	5.7	7.5	7.3	8.6	8.5	9.6	9.3	5.8
26	8.9	7.9	9.1	8.5	10.3	8.9	6.7	5.4	7.2	8.8	8.8	7.6	8.6	6.7	7.8	9.1	7.8	7.4	8.4	7.7	8.3	7.5	7.6	6.2	7.9
27	6.3	8.5	8.6	6.9	7.4	7.2	7.0	6.5	7.4	7.8	7.7	7.2	6.6	6.4	5.7	4.4	3.9	3.6	3.6	4.2	3.6	5.1	5.1	5.8	5.9
28	5.6	4.0	5.5	5.5	4.1	3.8	4.4	4.9	3.7	5.1	6.0	6.3	6.5	7.0	6.9	7.5	6.5	5.6	7.5	8.3	8.0	8.4	9.1	9.3	8.2
29	8.2	7.9	7.3	7.2	5.6	4.7	4.2	4.6	4.7	6.4	8.1	4.9	5.4	4.5	3.9	3.8	3.0	2.6	3.1	2.9	3.0	4.7	4.5	4.5	4.9
30	4.6	3.9	2.6	4.6	8.3	12.2	13.2	14.1	12.3	11.6	12.1	11.1	11.1	12.3	11.4	11.7	10.7	11.6	11.6	11.8	11.7	14.0	14.1	14.6	10.7
AVG	8.0	7.7	7.7	7.6	7.5	7.3	7.1	7.2	7.7	8.1	8.3	8.2	8.1	7.8	7.7	7.6	7.3	7.1	7.2	7.3	7.4	7.7	8.3	8.4	7.7
STD	2.4	2.3	2.4	2.1	2.2	2.3	2.4	3.0	3.3	3.2	3.0	2.8	2.7	2.6	2.7	2.7	2.5	2.4	2.3	2.3	2.5	2.4	2.4	2.7	2.1
MAX	12.2	11.1	10.7	11.1	11.1	12.7	13.2	14.1	14.1	14.1	14.1	13.8	14.1	13.6	13.7	13.2	12.6	11.6	11.6	11.8	12.0	14.0	14.1	14.0	12.1
MIN	3.4	3.6	2.6	2.6	2.8	3.0	3.0	2.1	1.3	1.2	2.1	3.5	2.9	2.5	2.9	3.4	3.0	2.8	3.1	2.9	3.0	3.8	3.9	2.2	4.6

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RAS GHAREB,EGYPT DECEMBER 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	13.9	12.7	12.6	12.3	11.4	11.8	12.9	13.1	13.0	13.2	13.5	13.4	13.1	14.6	15.1	15.4	15.4	13.4	13.0	12.5	13.6	13.7	14.3	12.7	13.4
2	13.4	14.3	14.3	14.6	13.7	13.7	14.8	14.1	13.4	12.1	12.5	13.3	13.7	13.7	14.3	14.0	14.1	14.2	12.5	11.4	10.7	11.5	12.5	13.1	13.3
3	13.0	13.0	12.6	13.1	12.5	12.9	13.4	12.3	11.8	11.5	10.1	10.6	12.0	10.7	11.3	12.5	13.0	12.4	12.6	12.3	11.3	8.0	8.7	11.1	11.8
4	10.7	11.3	12.6	12.2	12.5	12.9	11.7	11.4	11.4	11.0	10.2	10.4	11.2	11.3	11.7	12.1	11.1	11.6	13.0	12.5	11.8	11.7	9.6	8.6	11.4
5	8.2	8.7	8.4	8.8	9.4	9.2	9.5	9.2	10.7	11.5	11.6	11.6	11.8	11.2	10.2	9.5	8.0	7.6	7.5	6.6	6.8	7.6	8.0	8.9	9.1
6	8.6	7.4	6.6	7.6	6.4	6.8	6.7	6.9	8.4	7.6	7.3	7.0	6.7	6.6	5.9	6.4	5.4	4.9	3.9	4.7	5.1	5.5	6.9	6.8	6.5
7	7.3	6.8	7.0	6.7	6.3	6.4	6.4	5.1	6.5	6.8	7.2	6.8	6.1	5.4	4.4	3.8	3.9	4.4	3.9	3.6	4.2	4.5	4.5	4.5	5.6
8	3.7	4.6	5.1	5.5	5.3	5.1	4.6	4.7	4.4	5.0	5.1	5.1	5.6	4.7	4.5	3.6	3.2	2.9	3.1	3.4	3.0	2.2	2.9	3.6	4.2
9	4.1	4.5	4.7	4.4	4.6	4.0	4.7	4.5	3.7	4.7	5.6	5.5	4.7	4.5	5.1	5.0	4.1	4.0	5.0	5.5	4.1	5.5	6.4	7.2	4.9
10	6.4	6.1	4.8	5.0	6.5	6.1	5.6	5.4	6.1	6.8	5.5	6.1	4.9	4.6	4.4	3.5	2.9	3.5	5.0	4.2	4.4	4.1	4.7	4.5	5.0
11	4.4	4.1	5.7	7.0	7.2	7.6	7.5	7.7	7.4	8.2	6.3	9.5	9.4	8.3	7.2	7.0	6.8	8.4	6.1	6.3	8.1	8.5	5.9	6.9	7.0
12	7.4	7.8	7.5	7.7	7.3	7.9	7.6	7.8	7.6	8.3	7.5	7.0	6.8	5.4	6.0	2.9	2.3	2.8	4.7	5.3	3.9	3.8	4.9	4.4	6.1
13	4.5	3.6	2.7	2.6	2.2	3.6	4.5	4.7	3.6	3.9	4.1	3.6	3.0	3.1	2.6	2.2	2.5	2.5	3.1	2.0	2.6	2.6	2.9	3.9	3.2
14	3.9	5.0	5.1	4.6	4.6	4.2	4.5	4.7	3.9	5.5	7.6	6.7	6.5	6.3	6.5	5.4	5.7	6.5	6.4	6.9	9.2	8.4	8.6	6.8	6.1
15	7.9	6.3	7.5	7.7	7.2	5.6	4.6	5.6	6.7	7.4	8.2	6.9	9.2	9.6	11.1	10.1	11.7	10.7	8.2	9.5	7.9	7.7	8.4	8.7	8.2
16	9.7	8.3	9.3	8.6	8.3	8.7	7.9	8.8	8.0	9.2	9.3	8.8	8.9	8.7	8.5	7.6	6.8	7.3	7.5	7.0	8.4	8.4	7.0	6.6	8.2
17	6.9	7.3	6.7	7.0	6.2	7.2	6.9	6.4	6.4	7.7	7.2	6.4	5.6	4.5	2.6	5.1	5.9	4.6	4.8	4.5	2.8	2.6	2.9	1.5	5.5
18	2.0	2.9	6.1	7.6	9.3	7.8	8.7	8.4	11.6	8.0	9.2	10.2	6.6	10.5	12.5	13.1	13.4	13.3	12.1	12.7	12.5	12.4	10.6	9.2	9.7
19	6.5	6.7	6.6	5.6	4.8	4.4	5.7	4.8	6.3	5.6	5.3	5.5	5.3	5.1	4.9	5.4	5.3	5.7	6.6	4.0	4.6	6.6	6.3	8.8	5.7
20	9.7	9.5	10.1	9.8	9.6	8.8	8.5	7.9	6.6	7.0	7.5	7.7	7.6	7.6	7.8	6.7	6.3	5.9	5.4	5.6	5.6	5.3	4.4	5.1	7.3
21	4.6	3.9	5.3	4.2	3.7	2.9	2.9	2.5	2.3	1.3	1.7	3.1	3.8	5.1	4.7	4.6	3.5	2.8	2.7	4.7	6.4	5.8	3.7	2.6	3.7
22	2.5	2.6	3.4	4.2	3.4	4.4	3.8	5.9	4.9	3.9	2.9	3.2	5.6	6.4	6.0	4.6	3.4	2.1	3.6	3.6	4.1	5.3	6.1	5.5	4.2
23	5.9	4.9	4.7	4.2	4.2	4.5	4.6	4.9	4.4	3.6	4.2	5.3	4.4	5.3	6.4	6.1	5.5	4.6	6.6	6.4	5.7	4.5	4.6	5.1	5.0
24	5.7	5.6	5.5	4.8	4.8	4.9	5.5	5.5	8.5	7.5	7.0	8.0	8.3	8.3	9.2	9.6	9.1	8.3	8.3	8.0	5.3	4.6	4.7	5.0	6.7
25	6.1	6.3	6.8	5.7	6.5	7.4	6.7	6.8	5.9	6.7	7.7	7.5	7.5	8.2	8.2	8.7	8.5	7.9	7.2	5.9	6.5	5.7	6.6	6.6	7.0
26	7.3	7.0	6.3	6.3	6.0	6.0	6.4	6.4	6.8	6.9	7.8	7.4	6.4	6.3	9.6	9.6	10.2	9.4	8.6	5.7	6.5	7.2	7.2	6.7	7.3
27	6.3	5.5	6.9	5.4	5.6	5.5	4.4	4.1	4.4	5.6	6.7	6.8	7.0	7.2	7.4	7.6	6.3	6.1	5.8	6.6	6.5	6.5	5.6	6.4	6.0
28	6.5	6.0	6.0	6.0	6.0	5.3	5.6	6.3	6.5	7.2	8.0	8.6	8.3	7.0	6.5	5.9	6.0	5.8	6.3	6.1	8.6	8.3	9.1	9.4	6.8
29	9.6	9.6	9.9	9.5	9.7	8.8	9.3	8.9	8.8	9.4	9.3	8.6	9.6	8.4	7.4	7.7	6.3	5.6	4.5	2.9	4.0	4.5	4.8	6.6	7.8
30	7.8	7.2	7.0	6.6	5.5	3.6	4.2	4.7	4.2	4.4	3.9	4.2	4.4	3.6	3.5	3.5	2.7	3.4	2.8	2.5	3.2	3.4	3.7	3.4	4.3
31	3.8	3.9	3.7	3.6	4.0	4.6	4.6	3.7	2.1	0.6	2.0	2.8	3.4	3.2	3.1	3.1	2.6	1.2	0.9	0.3	1.2	1.8	1.2	1.0	2.6
AVG	7.0	7.0	7.1	7.1	7.6	6.9	6.9	6.9	6.8	7.0	7.2	7.4	7.4	7.3	7.3	7.2	6.8	6.5	6.5	6.2	6.2	6.3	6.5	6.6	6.9
STD	3.0	2.9	2.9	2.9	2.8	2.8	2.9	2.8	3.0	2.9	2.6	2.7	2.7	2.9	3.3	3.5	3.7	3.6	3.2	3.2	3.1	3.0	2.9	2.9	2.7
MAX	13.9	14.3	14.3	14.6	13.7	13.7	14.8	14.1	13.4	13.2	13.5	13.4	13.7	14.6	16.1	15.4	15.4	14.2	13.0	12.7	13.6	13.7	14.3	13.1	13.4
MIN	2.0	2.6	2.6	2.8	2.2	2.9	2.9	2.5	2.1	0.6	1.7	2.8	3.0	3.1	2.6	2.2	2.3	1.2	0.9	0.3	1.2	1.8	1.2	1.0	2.6

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RAS GHAREB,EGYPT JANUARY 1986 26M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.0	2.7	4.1	4.0	3.5	2.6	2.5	2.9	2.0	2.7	4.2	5.3	5.6	6.9	6.0	10.2	10.6	9.4	6.9	7.2	6.3	8.4	8.3	7.2	5.6
2	7.2	6.3	5.0	6.1	7.0	7.9	7.9	8.4	10.5	10.3	9.5	9.9	8.7	9.3	9.8	10.6	10.8	7.6	6.2	6.4	6.3	7.0	5.8	6.0	6.8
3	6.9	6.5	8.7	8.5	10.7	11.4	12.1	8.6	6.6	6.8	9.7	8.6	8.3	8.5	9.4	10.3	10.5	10.3	7.7	7.7	9.1	8.7	9.8	8.3	8.9
4	8.5	8.5	8.6	8.3	7.3	7.6	7.5	7.7	6.0	7.6	6.7	6.6	6.6	5.8	5.0	4.6	3.8	3.2	4.2	4.1	4.6	4.6	4.6	4.4	6.2
5	4.5	4.6	4.5	4.1	4.6	4.8	5.0	5.5	4.9	5.0	5.7	5.4	4.8	4.5	5.0	4.9	4.5	3.6	3.4	3.6	2.9	2.9	2.9	3.5	4.4
6	3.8	4.0	3.8	4.6	4.8	4.4	4.6	3.9	3.4	2.5	2.5	2.6	2.5	2.8	2.9	2.7	2.5	2.7	3.8	2.8	2.9	3.6	3.8	3.6	3.4
7	2.9	3.5	3.7	3.8	3.9	3.5	3.7	3.6	2.6	1.7	1.7	3.2	3.8	3.5	2.7	3.2	3.5	1.3	1.8	1.9	3.7	4.5	4.4	5.6	3.2
8	4.7	5.4	5.0	5.9	6.1	6.7	5.9	5.4	6.6	6.9	6.6	9.2	9.4	9.7	9.2	9.1	8.3	7.2	7.3	6.4	6.5	7.3	6.9	6.7	7.1
9	6.6	6.7	7.0	7.5	7.7	7.5	7.3	6.9	7.4	7.5	7.3	7.3	7.7	6.4	5.7	5.4	4.5	3.7	3.4	3.7	4.2	4.1	3.8	3.9	5.9
10	4.1	3.6	3.2	3.8	4.6	4.7	4.1	3.2	3.8	2.6	3.1	2.8	4.2	5.4	5.4	4.6	5.1	5.1	3.5	4.7	4.5	4.7	4.9	4.9	4.2
11	5.4	5.5	4.9	5.4	5.4	5.8	6.1	6.0	6.5	7.2	7.9	8.3	8.4	8.6	8.0	7.5	7.2	7.5	6.3	6.8	5.7	7.2	6.0	5.0	6.6
12	4.7	4.9	4.5	5.1	8.0	5.9	5.4	5.5	5.4	5.1	4.8	6.3	6.9	7.8	8.2	7.9	8.3	7.9	7.2	8.5	3.6	3.5	3.7	4.4	5.8
13	4.9	5.5	4.8	5.1	4.6	4.1	4.7	3.2	4.5	3.6	4.2	4.7	5.5	5.5	5.3	4.0	4.1	2.7	3.7	3.5	3.9	3.9	4.4	3.9	4.3
14	6.4	8.4	5.9	4.7	4.6	5.5	6.3	4.9	5.4	3.7	1.7	3.5	5.9	8.1	4.9	5.7	6.7	6.9	5.8	3.7	3.1				5.1
15																									
16											7.2	7.0	7.0	6.9	7.3	6.6	5.3	4.9	5.0	3.5	3.6	4.5	4.0	4.8	5.5
17	5.5	4.1	4.6	5.1	5.3	4.9	4.9	4.6	3.9	4.7	5.7	6.5	6.9	7.5	7.5	7.0	7.0	6.6	5.8	3.2	3.4	3.8	3.7	4.8	5.3
18	4.7	4.9	4.8	4.5	4.0	4.8	4.4	5.0	4.2	4.2	5.3	5.3	5.1	5.4	8.1	7.7	6.9	5.6	5.6	3.9	4.0	4.2	4.9	5.8	5.1
19	7.9	12.4	13.5	13.2	12.7	12.0	13.1	12.2	12.2	11.4	12.5	13.3	13.1	13.5	14.0	14.8	14.6	14.3	14.2	14.6	14.8	13.9	14.4	14.0	13.2
20	14.1	14.4	14.5	14.4	12.9	12.5	12.0	13.0	12.3	12.7	11.8	11.6	11.4	11.3	11.7	12.3	12.9	12.4	12.2	9.6	9.1	8.4	8.2	8.3	11.8
21	8.6	8.0	7.7	8.2	9.1	8.0	8.3	8.0	8.5	8.2	8.3	8.4	8.4	7.6	6.7	5.9	5.5	6.0	5.4	5.7	6.3	6.7	7.6	8.5	7.5
22	8.7	8.5	8.0	7.8	8.4	7.6	7.2	8.7	9.5	10.7	10.6	9.9	9.6	8.9	7.8	8.4	7.8	7.2	7.2	8.6	8.9	9.7	9.2	8.2	8.6
23	8.0	7.5	6.9	6.0	6.0	5.9	5.8	5.9	5.8	5.5	5.3	5.7	6.1	5.4	4.4	4.5	4.6	4.2	3.7	3.8	3.9	3.7	2.8	3.1	5.2
24	3.5	4.4	4.5	4.2	4.1	3.7	4.0	3.6	2.3	2.5	2.0	2.1	3.4	3.5	3.0	2.9	3.4	2.3	2.6	2.1	1.6	1.9	2.6	3.0	3.0
25	2.9	3.9	4.4	4.2	4.1	4.1	4.4	5.3	4.5	4.6	4.1	7.0	9.3	8.8	8.9	8.5	8.9	8.6	10.1	10.4	10.4	10.4	8.6	9.6	6.9
26	9.2	9.5	9.5	9.4	9.1	9.6	8.8	9.9	10.7	11.8	11.1	11.1	10.7	10.3	10.3	9.9	9.6	7.9	6.7	6.5	6.9	8.5	8.6	9.1	9.4
27	9.9	10.4	9.1	8.0	8.3	8.0	8.2	8.3	9.6	11.3	11.4	12.2	12.3	12.7	11.8	11.4	11.2	10.1	8.8	8.9	10.3	10.1	9.4	9.7	10.1
28	10.3	10.3	10.1	8.8	7.5	8.9	7.2	7.3	9.3	10.2	9.9	9.7	9.4	10.3	10.6	9.7	8.7	9.7	9.9	7.8	6.6	8.6	8.9	9.3	9.0
29	10.1	11.0	9.8	10.2	9.5	8.3	6.9	8.5	9.8	11.1	11.1	11.8	11.0	11.3	11.2	10.3	9.7	9.2	6.4	6.9	6.9	6.8	7.3	6.1	9.3
30	6.3	6.6	5.7	7.3	7.0	6.7	7.4	8.6	7.4	7.9	8.0	8.2	7.6	6.4	6.4	8.7	7.3	7.3	6.7	5.5	5.9	6.1	5.6	6.4	6.9
31	7.3	7.5	8.3	7.9	7.8	7.7	7.3	7.0	8.7	9.3	9.6	9.5	9.3	8.5	8.5	8.2	6.9	7.2	6.6	7.4	7.5	8.3	7.9	6.8	8.0
AVG	6.5	6.8	6.7	6.8	6.8	6.7	6.7	6.6	6.8	6.9	7.1	7.4	7.6	7.6	7.5	7.5	7.4	6.7	6.3	5.8	5.9	6.4	6.3	6.3	6.8
STD	2.6	2.8	2.8	2.7	2.5	2.5	2.5	2.5	2.9	3.3	3.2	3.0	2.6	2.7	2.6	2.9	3.0	3.6	2.7	2.8	2.8	2.7	2.7	2.5	2.4
MAX	14.1	14.4	14.5	14.4	12.9	12.5	13.1	13.0	12.3	12.7	12.5	13.3	13.1	13.5	14.0	14.6	14.6	14.3	14.2	14.6	14.8	13.9	14.4	14.0	13.2
MIN	2.9	2.7	3.2	3.6	3.5	2.6	2.5	2.9	2.6	1.7	1.7	2.1	2.5	2.8	2.7	2.7	2.6	1.3	1.8	1.9	1.8	1.9	2.8	3.0	3.0

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RAS GHAREB,EGYPT FEBRUARY 1986 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.1	6.5	7.2	6.5	8.3	8.6	9.4	9.1	9.6	8.9	9.3	7.9	7.9	7.2	6.8	6.6	5.0	5.0	4.7	3.6	4.4	4.5	5.3	5.9	6.9
2	5.8	5.6	3.5	4.5	4.9	5.0	5.0	4.6	5.3	5.6	4.7	5.5	4.9	3.7	3.5	2.1	2.1	1.6	2.3	3.5	3.9	4.1	3.4	2.9	4.1
3	3.9	4.6	4.2	5.4	5.0	6.3	6.6	6.4	6.4	8.8	9.6	9.4	9.5	10.2	11.6	10.7	7.6	7.6	5.8	3.8	3.9	4.2	2.8	3.7	6.7
4	2.8	3.2	3.0	3.2	3.0	3.4	3.1	3.6	2.5	1.7	5.7	4.8	3.7	3.7	3.9	4.9	3.2	3.0	2.2	1.5	0.3	1.5	4.6	6.3	3.4
5	9.1	10.2	11.7	12.5	11.7	10.1	7.2	6.9	10.6	10.6	9.8	10.5	10.1	9.1	9.5	6.5	7.8	8.2	5.5	5.1	5.4	1.8	4.0	4.4	8.4
6	4.7	2.3	3.7	3.7	5.5	8.5	6.0	4.7	6.4	4.2	3.8	3.8	5.7	6.0	8.4	7.2	8.0	6.8	6.3	4.9	4.2	4.0	4.0	3.9	5.1
7	4.1	5.1	8.1	7.0	7.3	6.8	6.8	7.6	7.4	6.7	7.5	6.7	8.6	6.5	5.9	6.3	5.7	6.4	3.6	2.9	3.9	3.4	1.9	6.9	5.5
8	6.2	1.6	1.2	1.5	2.1	2.5	2.9	2.9	2.2	5.0	6.7	6.1	4.8	3.6	3.2	3.8	7.6	4.6	3.7	4.2	5.5	6.6	7.3	12.6	4.3
9	12.1	12.6	11.6	10.3	7.5	5.0	5.6	4.8	6.1	7.9	6.8	7.2	8.3	9.2	9.3	8.6	8.2	7.3	7.3	8.1	5.8	4.8	5.3	3.9	7.6
10	5.3	5.8	4.5	4.4	4.5	5.1	5.5	5.4	5.6	6.5	6.4	7.3	7.6	8.0	6.6	8.5	8.2	7.2	5.8	5.9	6.8	6.0	6.5	6.7	6.3
11	7.2	8.0	7.6	7.0	7.5	7.5	6.9	6.7	8.2	11.3	11.5	11.2	11.2	11.3	11.6	10.4	10.3	9.5	9.5	9.8	9.8	9.4	9.5	9.4	9.3
12	8.9	8.6	8.8	8.3	7.8	6.8	6.7	7.6	8.6	8.9	9.3	7.9	8.3	7.9	7.2	8.3	5.1	4.8	4.1	3.5	4.0	4.6	4.5	4.5	6.8
13	3.9	4.4	3.7	4.4	4.7	4.7	5.1	4.7	2.8	2.8	3.5	4.5	5.3	5.0	4.2	8.7	10.5	10.5	9.1	9.1	9.6	10.3	8.2	6.6	6.1
14	5.7	5.4	6.0	5.4	5.1	4.5	3.9	5.3	4.8	5.1	6.0	5.1	5.6	6.6	6.7	5.4	5.0	4.0	2.8	5.0	5.9	6.7	5.7	5.3	5.3
15	4.1	5.4	5.4	6.1	4.7	3.6	5 1	4.7	5.1	5.9	6.4	6.9	8.2	9.3	9.5	9.6	6.6	7.6	6.0	5.1	4.8	5.5	5.5	5.8	6.2
16	6.4	6.0	6.9	6.1	6.8	6.9	6.0	8.4	8.2	7.3	7.2	6.9	6.1	4.9	4.2	3.5	3.1	2.6	2.0	0.6	2.3	3.2	2.9	2.0	5.1
17	2.8	0.9	1.7	2.2	1.7	3.4	3.4	3.7	4.7	6.3	6.3	6.7	4.8	6.9	8.0	8.3	7.5	5.6	4.0	5.6	5.9	5.7	5.6	5.3	4.9
18	5.6	5.4	5.3	4.4	4.6	4.1	4.0	4.4	6.7	8.0	8.4	9.3	9.1	8.9	8.3	7.9	7.0	6.4	5.1	4.5	6.6	3.7	4.8	6.0	6.2
19	6.4	6.6	5.3	5.8	5.5	5.5	4.8	4.2	3.7	4.2	4.1	4.2	3.6	4.7	6.4	7.4	7.2	8.3	6.5	6.3	7.7	8.2	8.9	4.7	5.7
20	1.7	0.9	2.5	2.1	3.2	4.1	3.9	3.2	2.7	2.6	3.6	4.5	4.0	3.6	4.9	4.9	4.6	3.8	2.7	1.9	0.3	1.8	1.9	2.0	3.0
21	3.9	2.5	2.0	4.1	4.5	4.2	4.8	5.0	5.0	5.4	5.5	6.0	6.6	6.9	6.8	6.6	7.7	7.5	7.7	7.9	8.6	9.1	9.9	9.5	6.2
22	10.5	10.6	10.2	10.7	10.1	8.5	8.5	8.3	10.7	14.0	13.6	13.0	1'.5	10.7	11.0	10.8	10.4	9.9	9.2	10.3	11.1	11.3	11.4	11.7	10.7
23	11.1	11.3	9.8	9.3	9.3	8.9	8.2	7.2	8.5	8.2	7.4	7.5	8.2	6.8	6.5	6.0	5.1	5.4	6.3	4.7	4.8	7.7	7.0	6.5	7.6
24	7.3	6.6	5.5	5.5	4.5	3.6	4.0	3.8	3.9	5.8	8.9	10.4	10.3	11.3	11.5	11.2	11.4	11.2	9.5	8.8	8.7	6.0	6.8	6.8	7.6
25	7.9	6.9	8.7	6.7	8.8	6.8	7.8	8.2	9.8	10.2	10.3	9.8	9.2	8.5	8.4	7.7	7.0	7.5	8.5	9.1	7.0	7.2	8.4	8.0	8.1
26	8.9	9.1	7.6	7.0	7.9	7.8	7.8	8.5	8.8	8.6	8.4	7.9	7.0	6.9	6.5	5.7	4.9	4.1	4.0	5.0	6.1	7.7	9.1	9.3	7.3
27	9.1	9.3	9.8	9.5	7.7	8.0	8.9	9.2	9.1	9.7	10.5	9.3	9.5	8.9	8.6	7.9	8.5	9.1	8.5	9.5	10.5	11.3	11.5	12.5	9.4
28	11.6	11.1	10.7	10.2	10.1	11.3	13.5	15.1	15.6	17.2	16.5	16.9	15.2	14.9	15.0	14.8	14.4	14.1	12.9	13.7	14.6	14.3	14.2	14.6	13.9
AVG	6.3	6.3	8.2	6.3	6.1	6.1	6.2	6.3	6.8	7.4	7.7	7.8	7.6	7.6	7.7	7.5	7.2	6.7	5.9	5.8	6.1	6.2	6.4	6.6	6.7
STD	3.0	3.2	3.0	2.8	2.4	2.2	2.3	2.6	3.0	3.3	3.0	2.9	2.7	2.7	2.8	2.7	2.7	2.8	2.7	3.0	3.1	3.1	3.0	3.4	2.2
MAX	12.1	12.6	11.7	12.5	11.7	11.3	13.5	15.1	15.6	17.2	16.5	16.9	15.2	14.9	15.0	14.8	14.4	14.1	12.9	13.7	14.6	14.3	14.2	14.6	13.9
MIN	0.2	0.9	1.2	1.5	1.7	2.5	2.9	2.9	2.2	1.7	3.0	3.8	3.7	3.6	3.2	2.1	2.1	1.6	2.0	0.6	0.3	1.5	1.9	0.9	3.0

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RAS GHAREB,EGYPT MARCH 1986 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	14.9	13.4	13.3	13.5	15.1	14.5	14.6	14.3	16.1	16.8	16.7	16.1	15.9	15.9	16.1	16.0	15.3	15.6	15.1	15.1	15.6	14.8	13.7	12.1	15.6
2	12.3	11.8	13.0	16.0	14.4	12.3	12.1	12.2	13.6	14.5	13.4	13.7	14.0	13.7	13.6	13.5	13.0	11.7	11.8	12.1	11.7	11.8	12.2	11.8	12.9
3	10.1	10.2	9.3	8.7	9.1	8.9	7.9	6.9	6.7	6.9	7.7	8.0	8.0	7.6	6.3	7.6	6.3	4.9	2.9	3.6	3.9	4.2	4.1	4.2	6.6
4	3.8	4.7	3.2	2.8	4.6	3.2	2.1	1.3	1.6	2.6	2.5	3.5	5.7	5.7	6.5	6.8	6.1	3.2	4.1	4.4	5.1	6.3	6.6	4.8	4.2
5	8.6	9.4	6.4	7.5	7.8	8.7	6.5	5.9	6.3	6.3	4.9	4.6	4.4	3.7	4.8	4.4	2.6	1.7	2.3	2.3	3.4	3.6	5.5	6.9	5.3
6	7.2	7.3	7.8	6.8	6.9	6.8	5.7	4.2	4.1	6.8	7.5	8.4	8.3	8.3	7.3	8.3	7.6	6.5	8.3	9.6	9.7	10.1	10.1	9.9	7.6
7	8.8	9.4	9.9	9.5	9.8	7.3	6.1	8.9	10.3	11.2	10.3	8.8	6.5	8.4	8.2	6.6	5.4	4.4	3.4	4.5	5.1	4.0	4.0	4.1	7.4
8	3.4	2.9	2.0	1.6	2.9	3.5	3.2	4.4	6.6	8.7	8.9	9.7	11.0	11.8	12.1	12.6	12.6	13.1	13.3	12.7	11.4	9.6	9.3	8.6	8.1
9	8.6	8.5	6.7	5.7	3.9	2.7	2.1	3.7	4.5	3.9	4.8	6.0	7.5	7.9	8.2	7.2	6.1	7.0	5.9	4.9	5.8	7.0	8.8	9.1	6.1
10	9.2	6.4	6.3	7.6	8.4	8.3	9.9	10.1	10.5	11.7	12.1	12.0	11.6	11.0	10.2	9.2	8.5	8.8	8.3	7.4	7.6	8.3	8.4	8.9	9.4
11	9.4	10.5	9.8	9.9	9.9	9.4	9.4	11.3	11.8	11.7	11.6	11.7	12.2	11.4	10.5	9.4	9.4	9.5	9.8	10.7	11.6	11.5	11.0	10.5	10.6
12	11.4	11.3	11.7	10.4	10.6	10.3	9.8	10.5	12.2	11.7	11.2	9.7	9.9	11.1	9.9	10.7	10.3	9.5	11.6	11.0	11.2	11.2	11.2	10.1	10.8
13	10.1	9.9	9.4	7.7	6.9	7.0	6.1	5.1	6.5	5.8	6.0	4.9	3.8	3.7	4.8	3.2	4.1	6.5	8.2	5.8	7.0	7.9	8.7	9.7	6.6
14	5.9	7.6	6.0	9.1	10.3	12.7	10.7	13.6	11.7	10.8	8.6	9.4	9.3	10.6	12.4	12.9	14.2	13.9	13.1	13.4	13.8	11.7	10.7	9.1	10.9
15	10.7	7.8	6.6	9.1	9.7	10.5	11.1	11.3	11.3	11.6	10.4	9.6	9.4	9.7	9.7	9.4	9.2	9.4	8.8	8.3	8.2	8.9	8.4	8.5	9.5
16	8.7	10.4	10.8	9.7	8.2	8.6	8.6	9.5	10.2	10.4	10.4	10.1	8.5	8.8	9.1	9.1	9.1	8.4	7.2	7.6	8.3	9.2	9.8	10.3	9.2
17	10.3	10.8	10.5	10.1	9.5	9.2	8.8	9.5	13.1	12.5	13.1	12.2	10.7	11.6	10.7	9.8	9.4	9.5	9.3	8.9	10.1	12.0	13.0	13.5	10.8
18	13.0	12.4	11.5	10.7	7.7	7.5	7.4	7.2	7.6	8.0	9.1	8.4	7.5	7.7	8.2	8.3	7.6	6.6		4.8	4.1	5.3	5.3	8.0	8.6
19	7.6	9.7	9.9	9.5	7.3	7.0	8.8	9.3	10.8	10.6	10.4	10.2	9.8	9.5	8.9	8.9	6.9	9.2	9.4	8.9	8.7	9.7	9.6	9.3	9.3
20	10.6	9.5	10.1	9.9	11.2	10.7	9.1	10.5	12.3	12.9	11.7	11.6	11.6	11.5	10.7	10.6	10.7	10.5	8.9	8.4	8.9	9.1	8.7	8.9	10.4
21	10.5	10.5	10.3	10.4	9.5	8.9	8.5	10.4	11.1	11.3	11.3	10.1	9.3	8.4	8.2	7.5	6.6	6.5	6.1	5.3	6.1	5.6	5.4	3.6	8.4
22	2.1	0.9	1.5	1.8	1.9	2.7	2.6	2.5	2.2	2.8	1.9	2.9	4.8	7.6	8.5	9.6	10.3	10.1	7.3	6.6	8.7	7.9	6.0	7.2	5.2
23	5.7	4.9	3.8	1.8	3.6	3.6	2.3	4.1	6.7	7.4	8.0	8.8	7.0	7.4	8.0	7.6	6.9	7.6	7.8	8.6	8.2	9.3	9.5	9.9	6.5
24	11.1	10.6	11.3	11.3	11.4	10.8	11.7	12.3	12.9	11.1	10.5	10.4	10.8	11.6	12.2	11.6	12.0	12.5	12.3	10.1	8.7	7.0	6.1	9.6	10.6
25	7.7	8.6	10.3	11.1	10.1	10.5	11.7	14.4	13.7	14.2	14.0	13.4	13.4	12.5	12.1	12.4	12.1	11.2	10.4	9.3	10.1	10.2	9.7	8.4	11.2
26	7.5	8.5	8.3	9.4	10.8	10.5	9.9	9.8	9.3	9.8	9.4	8.2	7.8	7.3	7.6	6.8	4.9	4.8	3.4	2.2	3.0	3.4	3.4	3.8	7.8
27	4.7	6.8	7.2	7.2	7.0	7.0	8.6	7.3	8.2	7.8	7.7	8.4	8.2	7.4	8.6	5.4	5.5	6.3	6.9	6.0	6.5	7.8	8.0	9.2	7.0
28	9.2	9.8	10.4	10.6	9.6	8.6	9.4	11.7	13.1	12.6	11.4	11.1	10.2	9.5	8.5	7.8	7.4	7.6	8.2	7.9	9.4	10.6	11.2	10.4	9.8
29	10.2	10.8	9.4	8.3	8.9	6.4	8.3	8.7	8.2	8.9	7.3	7.8	6.9	6.3	4.9	4.2	4.4	4.8	2.9	2.0	2.9	2.7	4.7	8.9	6.5
30	10.4	11.0	10.4	9.4	7.9	5.1	5.6	6.3	7.0	8.0	8.7	9.3	9.5	9.5	10.1	9.9	8.6	7.9	6.1	4.1	3.8	3.6	2.7	3.2	7.4
31	3.7	4.2	5.6	6.3	6.4	8.4	5.9	6.0	6.4	6.9	7.4	7.9	7.9	6.5	6.6	6.3	6.6	7.2	7.0	6.3	6.5	6.0	5.9	6.0	6.6
AVG	8.6	8.7	8.8	8.5	8.4	8.1	7.8	8.5	9.2	9.4	9.3	9.2	9.1	9.2	9.1	8.9	8.6	8.2	8.0	7.6	7.9	8.1	8.2	8.3	8.6
STD	2.9	2.8	3.0	3.2	3.0	2.9	3.1	3.4	3.6	3.4	3.2	2.9	2.7	2.7	2.6	2.8	3.0	3.2	3.3	3.3	3.1	3.0	2.6	2.8	2.4
MAX	14.9	13.4	13.3	16.0	15.1	14.5	14.0	14.4	16.1	16.8	16.7	16.1	15.9	15.9	16.1	16.0	15.3	15.6	15.1	15.1	15.0	14.8	13.7	13.5	15.0
MIN	2.1	0.9	1.5	1.6	1.9	2.7	2.1	1.3	1.8	2.0	1.9	2.9	3.6	3.7	4.8	3.2	2.6	1.7	2.3	2.6	2.9	2.7	2.7	3.2	4.2

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HURGHADA,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.8	7.5	10.7	9.2	7.3	10.7	11.4	12.3	11.6	11.4	12.1	12.4	11.0	11.6	11.2	12.7	10.5	10.7	11.3	10.6	11.0	11.5	12.0	12.5	10.9
2	12.9	12.0	12.1	12.0	11.6	11.5	11.2	11.0	10.2	8.9	9.2	8.5	8.3	8.9	9.1	8.4	7.4	6.7	7.5	6.8	6.5	6.9	5.9	5.6	9.1
3	5.5	4.9	4.9	5.4	5.4	5.4	5.7	6.1	6.4	6.4	8.6	6.0	7.0	8.9	9.5	9.1	6.5	7.3	6.7	7.7	6.4	4.7	4.9	4.6	6.7
4	6.1	5.4	4.9	4.0	4.6	5.6	5.9	5.5	6.6	6.5	6.0	8.2	7.9	7.7	6.7	5.0	2.1	0.7	1.6	2.6	3.7	2.6	2.0	2.1	5.0
5	4.6	4.9	5.0	7.3	6.6	5.3	5.4	4.2	5.7	6.6	6.3	7.5	9.8	10.6	8.7	6.2	6.4	3.4	3.9	3.7	4.4	5.8	4.4	6.0	6.0
6	6.1	5.6	5.1	6.9	5.7	5.3	5.5	3.6	7.0	7.2	7.0	7.2	6.5	6.4	6.7	5.9	7.0	6.9	2.9	8.4	8.8	6.6	7.6	6.6	6.7
7	5.7	5.1	5.6	6.9	7.0	6.6	6.8	6.6	7.6	7.4	5.4	4.4	5.0	4.5	4.4	5.3	5.4	5.3	5.6	5.9	4.6	4.9	4.9	5.5	5.7
8	6.0	5.4	4.7	4.8	6.6	6.5	5.4	4.1	7.6	7.6	6.5	6.7	5.7	5.1	5.3	4.3	4.9	5.7	5.4	4.9	4.6	5.7	5.6	5.6	5.7
9	6.3	5.9	6.3	2.2	4.6	2.7	3.8	2.6	2.1	4.4	3.5	3.1	4.2	3.6	4.7	6.9	6.5	5.4	5.4	3.5	3.5	5.6	6.1	8.0	4.6
10	7.6	7.4	8.3	7.8	8.5	5.0	11.0	11.2	11.6	10.8	9.6	8.2	7.9	6.6	7.9	6.4	5.6	5.0	4.7	4.1	3.5	4.8	5.7	6.0	7.4
11	7.7	5.8	4.7	4.7	4.4	4.0	3.7	3.6	4.1	4.8	3.6	2.9	2.6	2.0	1.5	1.1	0.7	2.3	2.1	3.2	3.7	3.9	4.5	4.5	3.6
12	4.9	5.1	5.4	4.8	5.8	5.0	3.8	2.1	2.7	3.9	3.5	2.8	2.3	2.7	3.2	3.0	2.2	1.0	1.8	3.2	4.0	2.2	1.2	1.3	3.2
13	4.0	4.6	5.4	6.0	6.7	5.4	3.4	1.7	4.0	4.1	3.2	2.5	2.8	3.6	4.1	5.1	4.4	3.5	4.0	5.5	5.0	3.8	4.6	2.8	4.2
14	4.7	5.7	4.8	4.5	4.1	8.8	11.6	12.1	10.6	9.6	8.4	9.1	6.0	7.6	8.4	8.0	7.2	6.9	6.3	9.5	10.7	11.7	10.5	6.1	8.3
15	11.2	5.9	4.7	7.6	11.2	8.9	9.8	8.9	8.9	8.8	6.6	9.5	6.8	7.4	6.1	5.8	5.0	4.1	2.9	2.8	3.9	5.0	5.0	4.4	6.9
16	5.3	6.1	6.3	6.7	5.9	4.8	3.0	2.7	4.6	4.4	5.6	4.4	3.7	3.5	2.2	2.8	2.1	2.7	3.2	4.0	4.1	2.0	1.5	0.9	3.9
17	3.4	4.1	4.2	4.7	4.9	3.9	3.1	1.0	1.0	2.0	2.8	3.9	3.7	4.6	4.7	4.6	4.4	4.4	4.2	5.4	5.7	4.5	2.1	0.8	3.7
18	4.6	4.1	4.2	4.5	2.9	2.8	3.6	1.2	5.5	7.6	7.7	7.4	6.4	4.7	4.5	3.7	3.8	4.6	6.1	7.6	8.7	10.4	11.6	12.3	5.9
19	11.8	11.6	11.2	13.3	14.3	14.6	15.4	12.3	11.4	12.1	11.2	11.3	9.6	10.2	11.4	11.3	6.7	7.5	7.0	6.5	8.7	7.5	5.5	5.5	10.4
20	5.4	8.3	9.5	11.1	9.3	6.3	3.4	3.5	5.3	6.0	6.9	7.2	6.2	9.5	6.7	3.1	2.3	3.6	3.6	4.0	4.1	2.9	0.9	1.3	5.5
21	1.5	1.9	2.8	3.1	3.9	4.2	3.8	3.4	5.5	6.9	6.6	6.5	10.6	11.7	13.2	13.0	11.0	10.3	8.6	7.3	7.3	7.6	6.6	7.3	7.0
22	7.8	7.4	5.8	3.8	2.2	3.7	5.8	9.5	9.3	6.3	8.9	10.3	8.7	6.7	10.3	11.2	11.0	11.6	9.8	9.3	9.1	8.5	8.9	6.3	8.1
23	7.4	6.3	8.0	5.3	10.1	7.4	5.9	6.9	8.7	7.8	7.6	7.3	6.5	6.6	7.0	5.9	2.9	1.6	1.6	2.5	1.9	0.6	2.0	2.2	5.3
24	2.8	2.0	1.2	1.7	1.5	2.5	2.1	2.1	4.5	6.3	7.2	8.2	9.1	10.6	11.1	11.3	9.3	9.1	8.6	9.9	9.5	8.0	3.9	2.2	6.6
25	1.8	5.1	3.6	4.2	4.8	5.1	4.5	2.9	3.0	6.3	6.1	6.0	5.4	5.5	5.9	6.6	6.6	8.0	7.3	8.2	7.9	7.8	5.3	4.5	5.5
26	5.7	9.2	10.4	11.1	10.7	10.1	10.1	10.5	9.1	9.6	9.7	9.2	9.2	6.5	8.3	8.7	8.8	10.3	9.8	9.6	9.7	7.9	5.8	5.5	9.1
27	5.7	6.3	11.8	8.9	3.8	4.2	10.7	9.9	9.1	7.7	7.4	6.4	5.0	3.7	2.8	3.4	2.7	1.6	3.6	4.2	4.5	4.2	3.9	5.4	5.7
28	6.3	4.4	3.1	5.1	5.1	5.0	4.8	4.2	3.8	3.9	2.6	3.2	3.8	3.6	2.5	2.2	3.1	2.7	1.6	3.2	2.9	4.4	3.1	3.5	3.7
29	3.1	3.4	4.0	5.3	3.5	2.9	3.0	1.6	6.8	2.5	3.4	3.4	3.7	4.1	5.0	4.4	4.1	4.0	3.1	3.4	2.8	2.2	1.1	2.0	3.2
30	3.9	4.2	1.7	2.6	2.0	3.2	3.5	1.7	0.7	1.3	2.1	3.6	5.4	4.2	4.7	4.0	3.6	4.7	5.5	4.2	2.3	1.6	4.0	5.9	3.4
AVG	5.9	6.0	6.0	6.1	6.1	5.9	6.2	5.6	6.3	6.8	6.7	6.7	6.6	6.6	6.6	6.4	5.7	5.4	5.5	5.7	5.8	5.6	5.1	4.9	6.0
STD	2.6	2.3	2.9	2.9	3.0	2.6	3.4	3.6	3.2	2.7	2.6	2.7	2.5	2.8	3.0	3.1	2.6	3.0	2.7	2.5	2.6	2.8	2.9	2.6	2.1
MAX	12.9	12.0	12.1	13.3	14.3	14.6	15.4	12.3	11.6	12.1	12.1	12.4	11.0	11.7	13.2	13.0	11.0	11.0	11.3	10.6	11.6	11.7	12.0	12.5	10.9
MIN	1.5	1.9	1.2	1.7	1.5	2.5	2.1	1.0	0.7	1.3	2.1	2.6	2.3	2.0	1.5	1.1	0.7	0.7	1.6	2.5	1.9	0.8	0.9	0.6	3.2

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HURGHADA,EGYPT MAY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.9	6.6	7.8	8.2	6.9	7.5	6.0	8.6	8.8	9.5	8.7	7.7	6.8	7.8	6.1	6.1	8.3	8.9	7.7	8.5	9.6	11.2	10.5	9.8	8.1
2	10.2	12.0	11.2	10.5	8.8	11.4	12.5	11.6	11.2	9.1	10.4	11.8	11.0	11.1		11.8	10.4	10.1	8.6	10.8	10.7	5.7	3.8	6.8	9.6
3	7.7	9.7	12.0	11.2	9.3	13.7	13.2	12.0	11.3	10.1	9.6	9.3	8.3	7.9	8.1	5.9	7.4	7.6	5.9	7.4	6.9	6.3	5.3	5.3	8.7
4	4.4	4.0	5.5	4.9	4.2	5.0	3.6	8.8	9.3	9.1	9.3	8.4	7.7	7.5	7.2	7.5	7.9	8.8	8.2	6.8	9.4	5.9	7.0	5.5	6.9
5	5.7	3.2	3.7	4.2	3.0	4.2	6.8	6.7	7.2	7.2	8.3	7.8	6.5	5.7	5.3	3.7	2.7	2.8	2.6	1.8	1.5	0.8	2.2	3.9	4.5
6	5.3	4.5	5.1	5.6	3.1	2.1	3.5	1.6	1.5	3.5	4.1	2.8	2.3	2.2	2.3	2.9	1.7	1.1	1.0	1.0	2.8	2.6	1.8	0.9	2.7
7	0.8	0.8	2.9	3.9	3.0	3.4	2.7	1.9	1.9	1.5	1.8	1.9	1.6	2.9	2.8	2.2	2.5	1.1	0.6	1.6	1.0	2.0	2.3	1.1	2.0
8	0.8	2.3	3.2	1.8	2.0	1.2	1.0	1.2	1.6	1.3	1.7	1.7	2.0	2.6	2.8	1.7	1.5	2.5	0.9	1.6	3.1	3.0	3.8	4.6	2.1
9	4.7	3.2	3.6	3.8	4.0	4.5	4.6	3.7	3.7	3.0	2.5	2.9	2.7	3.0	3.5	5.3	4.6	3.6	3.5	3.8	1.9	1.0	4.2	2.3	3.5
10	4.1	4.4	4.5	4.6	2.0	1.3	2.8	2.6	2.0	2.0	3.0	5.6	6.3	6.4	6.3	7.0	3.4	5.0	2.9	2.9	1.9	2.1	3.1	3.9	3.8
11	3.0	3.2	3.9	3.8	7.8	9.5	9.2	8.7	9.4	6.5	7.6	6.3	6.0	7.4	5.8	5.7	6.3	6.4	5.3	5.0	7.5	8.5	7.7	4.8	6.6
12	5.1	7.4	8.9	9.3	9.8	9.9	10.2	6.0	8.2	8.3	9.1	9.4	9.2	7.6	7.9	7.0	6.3	7.6	6.4	8.8	9.7	10.3	9.7	9.6	8.4
13	11.0	11.7	12.0	11.8	12.2	12.2	11.3	10.7	10.2	10.4	11.5	12.4	11.5	10.2	8.8	7.7	6.9	5.1	7.6	6.6	8.2	5.7	5.1	4.4	9.4
14	2.6	7.5	6.1	6.3	6.3	3.8	6.5	9.5	10.6	9.9	9.5	9.4	9.6	9.9	8.3	8.2	8.8	5.4	4.0	6.8	9.7	7.2	7.3	6.1	7.4
15	8.6	9.4	5.0	5.1	8.5	7.0	4.4	5.8	7.3	7.5	7.4	7.7	7.8	6.9	8.4	8.4	8.0	7.0	6.7	8.4	7.8	7.8	4.7	4.5	7.0
16	3.6	5.4	7.5	7.5	4.7	5.0	7.7	7.3	7.4	6.2	8.6	7.6	4.9	3.9	2.9	2.3	1.9	2.6	3.2	3.2	4.1	5.9	5.6	5.5	5.1
17	5.1	3.9	3.6	3.4	3.5	3.8	4.1	4.0	5.0	3.7	3.7	4.1	4.1	3.1	2.9	2.7	2.2	1.6	1.8	3.1	3.4	5.3	4.6	6.0	3.7
18	6.6	4.9	4.6	4.1	3.1	2.8	2.0	3.5	4.5	4.8	4.2	3.4	3.2	3.5	4.6	4.1	2.8	0.8	0.6	1.1	2.5	1.8	3.8	2.2	3.3
19	1.0	1.7	1.3	4.5	5.8	5.1	2.8	2.7	2.3	3.1	2.6	2.3	3.0	3.6	3.0	3.0	2.2	0.6	1.0	0.7	1.6	3.2	2.8	1.7	2.5
20	2.2	1.5	3.6	8.3	6.4	7.4	7.0	7.3	5.3	4.4	3.6	4.1	4.9	5.4	4.1	3.2	1.7	0.9	3.1	3.7	3.7	3.5	4.7	5.3	4.3
21	5.4	4.2	4.6	4.0	4.7	4.6	4.0	5.4	7.4	7.9	7.4	7.9	7.7	7.9	9.4	9.2	9.2	7.9	6.9	4.6	4.2	2.7	2.5	4.2	6.0
22	1.8	3.6	3.2	2.6	2.0	1.7	1.5	1.3	1.9	2.1	2.6	2.3	2.7	4.1	4.5	3.6	3.1	2.7	2.9	2.9	2.8	3.6	3.4	3.2	2.7
23	2.0	2.5	0.6	1.9	2.3	3.0	3.9	4.2	4.4	3.9	5.3	6.0	6.6	5.6	4.9	5.0	5.6	6.6	6.7	3.1	1.5	1.8	2.3	3.1	3.9
24	2.8	3.9	5.5	7.4	7.6	9.8	10.2	9.7	8.9	8.7	8.7	9.2	8.5	8.8	8.8	9.2	8.7	9.4	8.5	8.2	7.4	6.5	6.4	5.1	7.8
25	4.1	5.7	8.8	7.6	7.7	7.9	7.7	7.3	8.4	8.8	9.2	9.7	8.9	8.2	7.5	9.2	8.7	7.3	6.7	4.2	2.1	9.2	9.7	9.5	7.7
26	8.6	6.1	5.0	6.0	5.0	4.1	6.8	9.1	7.3	7.7	5.8	6.5	6.1	6.8	6.4	7.3	7.6	7.5	6.1	6.4	7.2	6.6	5.1	2.3	6.4
27	2.3	5.9	4.1	2.9	4.1	2.6	2.8	1.1	1.9	2.5	2.8	3.0	3.9	3.9	4.0	4.4	5.3	5.9	4.1	4.4	5.1	4.7	4.5	2.9	3.7
28	1.6	2.1	2.7	4.9	11.6	10.5	9.1	8.3	7.7	8.0	5.7	5.1	4.0	3.2	3.1	1.7	0.8	1.0	0.7	0.2	3.5	7.6	6.5	4.2	4.8
29	3.5	4.0	5.6	10.2	7.7	7.0	7.6	9.2	9.2	8.8	8.9	9.2	10.7	9.5	8.2	8.4	7.4	4.0	2.8	7.4	7.4	0.5	8.5	6.8	7.6
30	6.0	5.4	8.7	11.1	12.2	12.2	12.2	10.7	11.3	9.6	9.6	8.7	8.0	6.4	5.6	6.8	6.6	7.8	8.3	9.1	7.2	8.6	5.6	5.8	8.5
31	7.6	7.2	4.9	4.6	4.7	5.6	6.7	10.4	9.6	9.2	9.3	8.8	8.6	7.5	5.9	6.5	7.7	8.6	8.8	8.5	9.3	10.5	7.8	6.8	7.7
AVG	4.6	5.1	5.5	5.9	5.9	6.1	6.3	6.5	6.7	6.5	6.5	6.5	6.3	6.1	5.4	5.7	5.4	5.1	4.7	4.9	5.3	5.5	5.2	4.8	5.7
STD	2.7	2.8	2.8	2.8	3.6	3.5	3.4	3.4	3.2	3.0	2.9	3.0	2.8	2.5	2.3	2.6	2.8	3.6	2.7	2.9	3.1	2.9	2.4	2.3	2.3
MAX	11.0	12.0	12.0	11.8	12.2	13.7	13.2	12.0	11.3	10.4	11.5	12.4	11.5	11.1	9.4	11.8	10.4	10.1	8.8	10.8	10.7	11.2	10.5	9.8	9.6
MIN	0.8	0.6	0.0	1.6	2.0	1.2	1.0	1.1	1.5	1.3	1.7	1.7	1.6	2.2	2.3	1.7	0.8	0.6	0.6	0.2	1.0	0.8	1.6	0.9	2.0

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HURGHADA, EGYPT JUNE 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.9	5.9	3.4	3.0	8.3	7.3	9.9	8.9	7.4	7.5	6.4	6.7	6.6	5.8	5.7	5.8	5.9	6.6	4.6	3.6	1.9	3.4	3.2	2.3	5.8
2	2.7	2.9	4.2	1.5	2.8	2.2	3.0	3.9	3.4	3.5	3.5	3.2	3.4	3.1	2.7	2.3	2.3	2.7	3.2	3.6	3.6	5.0	6.8	4.0	3.3
3	2.5	3.2	4.8	4.9	2.0	6.9	2.3	6.8	1.5	3.1	3.2	2.5	3.0	3.8	3.2	3.5	3.2	4.1		3.6	5.0	5.7	8.8	8.4	3.4
4	8.9	9.5	10.4	12.5	12.6	12.5	11.8	10.4	11.4	11.4	10.4	10.8	12.9	11.6	12.0	11.4	10.3	9.1	9.6	9.3	9.8	8.7	5.0	5.1	10.1
5	8.8	7.4	5.3	9.1	5.8	5.8	7.0	7.0	10.1	9.7	9.2	9.2	8.4	7.5	8.8	10.3	10.5	10.6	13.4	11.2	10.5	9.4	9.8	8.9	8.8
6	5.5	5.3	6.3	8.3	7.8	7.8	7.9	6.6	8.4	9.1	8.7	8.7	9.9	9.9	10.3	10.3	9.4	9.7	10.8	10.8	8.2	7.3	6.5	8.5	8.5
7	9.5	7.3	7.5	7.2	4.7	5.6	7.3	7.2	5.1	5.9	4.6	2.8	2.5	3.2	3.1	2.3	2.0	1.6	5.0	7.4	7.4	4.8	4.2	3.9	5.1
8	3.8	3.9	3.0	5.0	7.8	7.7	7.3	6.6	8.3	5.9	5.8	5.3	6.3	6.1	5.1	4.8	2.7	2.8	6.7	1.8	3.4	6.8	5.0	6.5	4.9
9	4.6	3.8	6.5	5.8	8.9	8.2	7.2	8.0	7.8	7.2	7.4	6.6	6.3	5.5	4.9	5.3	4.9	4.7	5.4	6.8	7.6	8.2	4.8	2.2	6.1
10	4.6	8.3	8.9	3.8	4.9	6.9	8.8	8.4	8.6	7.9	7.8	8.7	7.3	7.3	8.8	8.2	9.9	9.9	10.4	10.6	10.8	10.2	7.9	4.9	7.9
11	3.8	4.2	6.0	3.9	8.3	7.8	10.5	10.1	9.1	8.2	7.4	7.0	7.3	7.2	7.3	7.4	7.6	7.7	7.9	8.2	8.5	5.8	5.3	4.8	7.0
12	4.5	5.3	7.2	6.0	5.9	8.3	9.2	8.5	7.6	5.3	7.2	5.8	5.9	4.7	4.8	3.8	3.1	5.6	6.4	4.0	8.0	7.0	8.6	7.9	6.0
13	8.4	8.8	8.5	5.8	5.1	5.8	6.7	7.5	5.7	4.9	5.4	4.8	4.7	4.7	5.1	3.2	2.0	3.5	4.5	6.4	8.9	7.5	10.5	12.9	6.1
14	11.2	10.5	7.0	5.5	7.2	6.8	5.8	2.9	5.8	6.4	5.7	6.0	8.3	8.6	8.8	7.8	7.8	7.9	6.5	9.8	11.3	11.1	11.8	10.6	8.0
15	9.9	6.7	8.3	8.8	8.0	4.2	1.8	2.6	4.6	6.1	8.6	7.2	7.8	8.7	8.9	7.8	8.8	6.9	8.7	7.0	7.4	5.7	5.4	7.8	7.1
16	9.2	7.4	9.5	9.2	8.8	10.1	10.4	10.5	9.7	9.2	8.4	9.5	9.1	9.1	8.4	8.3	7.7	7.2	5.7	6.0	4.0	4.4	4.2	5.1	8.0
17	5.7	8.5	7.2	8.4	6.0	3.6	2.8	5.6	6.9	6.4	6.3	5.6	6.1	5.8	5.3	5.1	4.2	3.5	3.7	3.9	5.0	5.9	6.6	4.8	5.4
18	4.7	5.0	4.8	5.1	8.3	4.2	4.2	4.5	4.9	2.2	2.9	3.2	2.6	4.2	5.6	4.9	3.1	4.6	3.1	3.7	4.4	5.1	4.1	4.4	4.3
19	4.5	5.4	6.5	5.7	6.3	5.5	4.4	5.1	6.0	6.0	5.9	5.1	5.5	2.8	4.4	3.4	3.8	0.7	4.1	7.2	7.0	6.1	5.6	6.7	5.2
20	7.3	7.9	10.1	10.1	10.6	10.2	10.5	11.6	10.8	9.6	10.1	10.1	9.2	10.2	9.9	10.2	9.9	10.8	9.9	7.7	8.7	7.9	8.5	5.9	9.4
21	9.9	11.4	11.3	5.7	10.5	12.0	11.5	9.6	8.9	6.5	7.4	6.1	5.6	4.5	3.6	2.9	3.0	2.5	3.2	2.6	3.5	4.5	5.9	5.6	6.7
22	5.3	5.5	4.9	4.0	4.8	4.6	3.0	2.7	3.1	4.0	3.5	2.6	2.8	3.1	2.9	3.1	3.1	4.8	4.1	2.6	1.3	3.5	2.9	5.0	3.7
23	4.6	3.6	8.3	10.1	11.2	10.1	10.4	10.7	9.1	8.5	7.2	6.5	8.2	7.2	6.0	6.3	7.5	6.9	6.6	7.5	7.5	5.9	5.7	8.8	7.7
24	6.6	6.1	9.4	11.5	10.1	11.2	6.7	9.6	10.2	9.6	9.4	11.1	11.5	10.2	8.5	7.9	6.1	6.8	6.0	4.7	6.8	4.4	5.6	6.0	8.2
25	5.4	4.2	8.6	8.2	8.4	6.5	6.3	9.3	9.5	8.9	9.1	8.2	7.4	5.8	5.1	5.4	5.1	3.6	4.2	5.5	5.7	4.9	4.1	4.4	6.4
26	4.1	4.4	5.1	3.9	4.1	4.8	7.3	10.3	11.6	9.2	9.7	11.4	10.2	8.0	7.9	7.9	8.3	6.3	6.9	5.8	7.6	5.7	3.1	3.5	6.9
27	3.5	5.3	3.8	8.0	7.6	11.0	10.8	10.8	10.3	10.6	11.2	10.7	9.8	7.8	7.7	9.2	4.9	7.3	6.3	7.5	8.8	6.5	4.2	3.6	7.8
28	4.0	4.1	6.9	11.2	10.5	10.4	10.4	9.9	9.3	9.8	9.9	9.5	9.1	8.7	6.9	8.8	5.3	8.6	7.4	6.9	9.1	5.9	7.8	8.4	8.4
29	7.8	6.7	5.7	4.7	7.5	10.7	11.2	10.6	9.5	9.3	8.9	6.8	8.2	8.7	6.7	8.6	8.3	7.7	7.7	8.9	9.3	7.9	8.8	9.6	8.4
30	11.3	12.1	9.9	6.8	6.7	6.3	7.6	7.8	9.9	10.6	9.7	9.2	8.8	9.2	10.4	11.8	10.5	8.2	7.5	7.9	7.2	6.4	6.6	7.4	8.7
AVG	6.2	6.2	7.0	6.7	7.2	7.2	7.5	7.6	7.7	7.5	7.3	7.1	7.1	6.7	6.6	6.8	6.6	6.1	6.1	6.4	6.9	6.3	6.1	6.2	6.6
STD	2.5	2.3	2.2	2.6	2.4	2.9	3.0	2.9	2.5	2.4	2.3	2.8	2.6	2.4	2.4	2.8	2.7	2.8	2.7	2.8	2.6	1.8	2.1	2.4	1.8
MAX	11.3	12.1	11.3	12.5	12.6	12.5	11.6	11.6	11.4	11.4	11.2	11.4	12.9	11.8	12.0	11.8	10.5	10.8	10.8	11.2	11.3	11.1	11.8	12.9	10.1
MIN	2.5	2.9	3.0	1.5	2.8	0.9	1.8	0.8	1.5	2.2	2.0	2.5	2.5	2.8	2.7	2.3	2.0	0.7	0.7	1.8	1.3	3.4	2.9	2.2	3.3

HURGHADA,EGYPT JULY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	6.6	6.0	6.1	6.1	6.9	5.0	6.4	8.7	10.1	10.3	8.8	9.5	10.3	10.6	8.6	8.3	8.7	7.2	7.5	8.0	6.6	6.4	7.3	5.7	7.8
2	6.3	7.2	6.5	8.2	7.8	9.5	9.5	10.2	9.7	8.5	8.4	7.8	7.6	7.7	8.8	9.2	8.9	7.6	6.1	8.3	6.9	8.8	8.3	5.7	7.8
3	8.4	8.4	5.4	5.6	4.4	4.4	2.3	6.4	6.9	8.3	7.6	7.6	7.0	6.4	5.3	3.1	4.1	4.8	3.6	5.7	7.0	5.3	5.3	5.3	5.6
4	7.0	6.0	5.6	4.4	6.7	5.5	6.6	5.4	8.6	9.4	9.2	9.8	10.3	10.3	9.5	9.6	8.5	6.5	7.8	6.6	7.3	9.4	10.5	8.3	7.9
5	6.7	5.8	4.2	2.6	3.2	3.6	3.5	4.5	6.9	8.0	7.8	7.6	7.9	8.5	7.4	5.8	5.4	5.8	7.3	8.2	7.5	4.8	4.2	5.3	6.0
6	5.5	4.8	6.7	10.4	10.7	9.9	10.5	8.8	9.2	8.7	8.7	8.6	7.6	7.3	6.4	5.5	4.6	5.0	4.7	6.4	6.5	5.8	5.5	5.6	7.2
7	2.9	2.2	3.2	4.4	5.3	9.2	9.2	8.4	8.0	7.6	7.2	6.6	6.4	6.6	8.7	6.6	4.7	3.4	5.0	5.9	8.0	8.2	5.3	6.6	6.1
8	6.3	4.9	5.0	3.1	2.8	2.6	3.0	2.8	3.4	2.7	4.0	5.1	5.6	5.4	6.9	7.3	6.6	8.3	8.4	7.7	9.1	6.2	6.0	5.5	5.4
9	6.9	7.7	8.7	4.7	1.7	4.8	7.6	7.4	6.5	6.6	6.6	7.4	7.8	8.2	8.2	7.7	8.3	8.0	9.6	8.3	7.9	9.7	8.0	7.0	7.3
10	6.1	8.6	9.3	7.5	11.0	11.6	11.0	10.2	10.7	11.1	9.5	9.6	9.4	9.6	9.9	9.2	8.6	6.1	6.5	5.9	5.7	4.6	5.3	3.8	8.2
11	3.6	4.4	4.2	3.8	7.4	9.9	10.7	10.8	9.6	10.4	9.7	9.3	7.8	6.4	6.8	6.0	6.4	5.7	5.0	6.6	5.4	5.7	3.6	3.8	6.8
12	4.0	2.5	3.4	6.4	4.0	3.9	8.5	6.9	8.4	7.4	7.5	6.1	5.3	4.1	4.7	5.1	4.2	3.8	5.5	6.8	6.6	0.7	1.5	3.5	5.4
13	4.2	4.5	1.8	5.0	5.9	6.0	7.5	7.7	4.9	4.6	4.5	3.2	3.4	3.5	3.5	2.5	2.0	1.6	0.8	1.0	1.1	1.6	2.6	2.9	3.8
14	4.0	4.2	6.3	5.7	5.1	5.4	6.4	6.6	6.7	6.4	5.9	4.7	3.5	3.1	2.9	2.6	2.0	2.0	2.5	3.1	4.1	0.0	3.5	3.4	4.3
15	3.7	7.9	9.1	6.6	8.4	7.6	4.8	6.9	7.3	7.9	7.2	8.3	8.2	8.6	7.8	6.4	4.0	4.7	5.6	5.8	5.0	3.4	7.4	7.4	7.0
16	7.7	6.6	5.5	3.8	4.4	4.[illegible]	3.9	5.7	4.6	5.9	4.9	5.4	6.5	6.5	6.6	6.0	6.4	6.3	7.2	7.3	7.8	6.6	5.3	4.6	5.8
17	5.7	5.6	4.1	5.0	5.5	8.4	10.7	9.7	10.1	9.2	9.6	10.7	10.3	9.9	9.7	10.6	11.2	9.0	8.9	9.5	9.2	8.5	10.5	10.4	8.9
18	7.3	4.6	5.8	6.1	5.9	4.2	2.3	5.1	8.9	9.8	9.3	9.6	9.3	9.4	9.6	9.2	8.8	9.2	10.2	8.7	7.8	5.5	5.0	5.0	7.4
19	5.8	6.8	8.4	5.4	5.9	7.6	9.6	9.6	9.4	8.8	8.5	8.9	8.9	7.6	6.1	5.5	3.1	3.6	3.2	4.9	6.5	5.9	4.0	6.4	3.6
20	6.0	5.0	4.9	5.4	3.8	4.5	7.7	7.0	6.0	5.5	5.0	4.9	4.6	4.6	4.4	3.2	2.5	3.8	4.2	4.2	3.8	2.5	1.7	3.0	4.5
21	3.4	3.5	4.0	4.9	4.7	4.5	4.4	5.5	6.6	4.8	3.1	3.5	4.4	4.6	4.9	4.6	4.5	4.6	4.4	3.8	3.6	2.9	2.7	2.6	4.2
22	3.5	3.6	4.8	4.0	4.0	4.2	3.4	4.8	5.1	4.1	3.8	2.6	3.4	3.2	3.7	4.0	3.4	3.1	2.3	2.7	1.9	2.8	2.6	3.7	3.5
23	5.6	5.1	4.9	6.6	7.5	6.3	7.2	6.6	7.6	6.3	4.7	3.9	3.9	4.5	5.5	5.0	4.1	1.9	1.7	2.9	4.1	3.6	5.4	6.4	5.0
24	6.4	6.6	4.9	4.6	3.7	4.5	3.6	6.8	6.6	6.1	4.1	3.7	5.6	5.3	5.1	4.9	2.9	1.2	1.6	4.2	5.4	5.6	5.7	6.6	4.8
25	6.8	5.3	3.6	3.7	3.1	3.0	2.9	5.0	5.1	6.9	6.0	5.3	5.8	5.6	7.0	6.7	6.7	4.8	5.4	6.3	6.6	4.9	6.1	6.7	5.4
26	6.6	5.4	5.7	5.4	4.5	5.3	5.6	3.1	7.0	7.0	6.8	7.7	7.6	6.8	6.8	7.9	7.6	5.5	4.7	6.3	5.9	7.7	6.4	5.1	6.1
27	4.9	6.5	5.3	4.4	5.4	4.2	3.5	8.0	8.7	8.4	7.5	8.2	8.0	7.5	6.9	6.6	5.7	5.6	7.7	7.3	6.4	8.0	6.6	2.9	6.4
28	4.5	4.4	3.5	3.8	4.2	6.[illegible]	11.1	9.5	9.2	7.5	7.6	7.2	5.5	7.2	6.4	6.3	5.5	5.5	7.3	6.6	5.5	6.8	3.7	5.5	6.4
29	4.0	3.2	5.7	7.6	10.4	10.8	10.0	9.4	8.6	7.3	6.7	6.4	5.1	4.8	4.2	3.2	2.5	1.8	1.0	5.3	7.2	3.6	4.0	6.0	5.6
30	5.0	2.9	4.2	5.1	5.8	5.5	5.5	7.8	7.9	9.2	9.4	9.3	10.2	10.3	9.6	8.7	7.4	8.4	8.9	5.5	3.0	7.0	6.0	5.9	7.0
31	6.0	6.6	6.7	6.3	6.9	6.9	3.8	5.6	6.7	6.1	5.0	5.3	5.5	6.3	8.0	8.4	7.6	6.0	3.6	3.7	4.9	4.8	5.1	5.5	5.9
AVG	5.5	5.3	5.2	5.4	5.7	6.2	6.6	7.2	7.8	7.5	6.9	6.9	6.8	6.8	6.7	6.3	5.6	5.3	5.4	5.9	5.9	5.9	5.3	5.3	6.1
STD	1.4	1.5	1.6	1.7	2.2	2.4	2.9	2.1	1.6	1.9	1.9	2.2	2.1	2.1	1.9	2.2	2.3	2.3	2.6	1.9	1.9	2.1	2.1	1.6	1.3
MAX	8.7	7.9	9.3	10.4	11.0	11.6	11.1	10.8	10.7	11.1	9.7	10.7	10.3	10.6	9.9	10.6	11.2	9.6	10.2	9.5	9.2	9.7	10.5	10.4	8.9
MIN	2.9	2.2	1.8	2.6	1.7	2.8	2.3	2.8	3.4	2.7	3.1	2.6	3.4	3.1	2.9	2.5	2.0	1.2	0.8	1.0	1.1	1.6	1.5	2.6	3.5

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HURGHADA,EGYPT AUGUST 1986 10M AGL BNW DATA(M/S)

DAY / HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.8	5.1	4.1	4.8	5.4	3.9	3.6	4.2	3.5	3.6	4.1	5.1	5.3	6.0	5.5	5.9	6.7	3.8	2.9	2.6	1.8	2.5	4.1	5.6	4.4
2	5.3	5.1	4.7	2.5	0.4	0.7	2.6	1.9	2.6	2.7	3.9	3.6	4.4	6.0	6.4	5.5	2.1	4.0	3.1	4.1	5.5	0.9	6.0	6.7	4.1
3	7.4	6.7	4.6	4.7	4.1	4.5	3.7	2.6	3.8	4.4	2.6	2.7	2.9	3.1	3.1	4.9	7.4	5.6	5.5	5.1	5.3	5.8	6.4	6.5	4.7
4	5.0	4.4	4.9	4.2	4.5	4.1	4.0	4.7	3.8	4.5	5.8	4.9	4.1	3.8	4.2	3.4	1.9	2.9	3.7	3.0	4.4	5.0	5.0	5.3	4.2
5	6.4	9.8	10.4	11.0	8.5	6.9	5.8	6.6	6.9	8.0	8.0	7.3	7.3	6.1	5.7	5.1	4.9	4.5	6.5	6.8	8.3	4.7	4.9	4.8	6.9
6	4.5	6.0	5.7	6.3	9.2	7.7	6.0	5.6	7.0	7.9	7.5	7.7	7.2	7.0	6.1	3.4	2.1	1.2	1.6	2.2	3.1	3.5	4.6	5.6	5.4
7	5.3	5.3	6.7	5.9	5.7	4.9	4.4	3.0	3.4	4.9	5.4	5.5	8.4	6.6	4.9	2.1	2.5	2.2	4.1	4.6	7.0	5.0	4.8	4.7	4.8
8	6.1	6.7	5.0	5.4	4.9	4.9	6.6	6.6	4.2	5.1	6.5	7.0	8.0	7.5	7.0	6.2	6.8	5.9	5.9	6.8	8.3	7.6	8.6	7.8	6.6
9	4.9	6.3	5.5	5.7	5.1	4.6	5.5	9.5	9.8	9.5	9.4	9.1	8.4	7.9	6.7	6.7	4.8	3.9		8.0	4.6	4.0	5.7	4.7	6.4
10	1.8	5.6	8.3	10.7	10.3	8.3	8.6	9.1	8.5	8.8	8.3	8.6	6.7	8.7	6.5	5.8	3.4	1.8	2.1	2.3	2.5	3.5	3.7	4.7	6.1
11	4.9	6.9	5.6	6.4	10.6	9.9	9.4	9.8	6.9	8.6	8.7	7.8	6.8	6.8	6.4	5.5	5.8	4.8	4.6	7.0	6.2	5.9	5.4	5.6	7.2
12	4.8	3.6	3.8	3.0	4.9	11.6	10.8	9.9	9.9	9.6	9.7	10.7	10.6	9.7	9.4	8.8	5.9	7.0	8.3	8.4	9.4	10.1	6.5	6.4	8.6
13	5.9	5.0	9.1	9.9	4.8	4.5	6.0	10.1	9.8	10.1	11.1	11.5	10.8	10.7	10.1	8.6	7.8	8.2	9.4	9.2	10.1	8.6	5.6	5.0	8.4
14	5.1	5.5	6.6	7.0	6.0	7.3	9.2	9.1	8.6	8.7	9.4	10.4	10.6	10.4	11.1	10.8	8.5	8.2	8.4	8.3	7.5	8.8	7.4	6.1	8.3
15	5.9	6.6	6.3	6.4	5.7	4.8	6.0	7.7	8.6	10.2	9.5	10.1	10.5	10.7	9.6	10.3	9.7	8.0	7.5	6.9	7.8	7.3	4.1	6.0	7.8
16	7.3	5.7	7.2	9.4	10.3	8.8	5.8	6.0	8.7	8.9	7.4	7.5	7.9	7.4	6.8	7.9	8.4	5.0	6.5	8.2	4.7	4.4	7.7	4.5	7.2
17	8.0	11.0	11.3	10.5	10.3	9.5	4.8	5.4	8.0	9.1	9.6	10.2	10.1	9.7	9.1	6.2	6.5	6.6	7.6	6.4	8.9	5.9	5.5	7.4	8.2
18	8.4	9.1	7.6	8.3	5.8	5.9	7.6	6.5	6.5	7.4	7.9	8.2	9.4	9.5	9.6	8.9	7.4	5.1	5.7	6.1	7.8	5.3	4.4	7.3	7.4
19	9.5	7.3	6.3	6.1	4.8	6.0	8.2	6.5	7.2	8.8	8.5	9.4	9.6	9.9	9.7	8.5	7.9	8.5	8.7	8.0	7.6	9.4	7.0	5.6	7.9
20	10.8	11.7	13.9	10.6	6.5	9.6	12.2	11.7	10.3	9.3	6.2	7.8	6.9	5.9	6.3	5.5	2.9	2.1	2.6	4.9	5.0	5.9	6.5	4.6	7.5
21	6.5	7.3	8.3	6.5	3.2	4.2	3.4	3.9	6.7	6.6	5.7	5.5	5.6	5.4	4.1	2.7	1.7	1.2	0.6	0.6	2.2	2.5	2.7	3.8	4.2
22	4.8	4.7	5.6	7.0	5.1	4.1	3.4	3.7	5.5	5.3	4.1	3.9	3.9	4.6	5.0	3.6	2.6	2.6	2.7	3.1	3.4	3.7	2.8	4.7	4.2
23	4.9	5.4	8.3	9.7	9.6	8.3	7.6	6.7	6.6	5.9	5.9	5.1	5.1	5.3	4.5	2.7	2.8	3.9	3.6	4.1	4.2	5.1	7.4	10.1	5.9
24	11.0	11.1	10.2	9.4	9.2	9.6	10.8	10.1	9.3	8.5	9.7	9.6	7.9	7.5	8.3	8.6	6.4	5.4	5.6	4.5	8.4	8.7	8.6	10.1	6.7
25	10.4	12.4	12.0	11.6	11.0	11.5	11.1	11.3	11.0	10.7	10.7	9.8	10.4	10.6	11.0	10.4	10.6	10.8	8.8	7.6	6.7	9.2	9.1	6.6	10.2
26	8.0	10.8	12.4	11.4	11.6	11.2	11.7	12.5	12.3	11.2	10.5	10.2	11.3	10.2	10.3	9.4	8.7	9.6	8.5	6.3	6.6	5.1	3.9	4.0	9.5
27	4.8	5.1	4.5	4.6	5.0	8.6	9.6	10.6	10.4	10.5	9.9	9.6	9.6	8.5	6.6	5.7	2.8	1.2	1.6	2.8	2.6	2.9	4.7	5.8	6.1
28	5.4	4.8	3.2	5.3	6.8	6.4	6.1	6.5	5.8	5.6	6.1	6.1	6.1	5.5	3.9	2.5	1.2	0.4	1.7	0.9	1.1	2.2	4.7	5.4	4.3
29	5.9	6.1	4.6	4.4	7.7	8.4	9.2	8.9	8.8	8.5	8.6	7.8	6.7	6.7	4.9	5.3	5.6	5.4	4.9	5.1	6.6	3.7	4.2	4.8	6.3
30	4.4	5.5	4.8	4.2	4.9	9.7	12.0	11.5	11.0	9.6	8.7	8.4	7.8	7.5	7.9	9.1	8.5	6.9	6.7	6.4	8.2	8.0	4.7	4.7	7.5
31	6.5	4.9	4.8	8.2	13.5	12.6	13.3	13.2	12.4	12.3	12.3	11.4	12.6	11.5	10.1	9.3	10.1	9.7	8.2	8.7	8.6	9.5	10.5	9.3	10.1
AVG	6.3	6.8	6.9	7.3	7.0	7.2	7.4	7.7	7.8	7.9	7.8	7.8	7.8	7.6	7.1	6.5	5.6	5.1	5.2	5.4	5.9	5.8	5.7	5.9	6.7
STD	2.1	2.4	2.7	2.6	2.9	2.8	3.0	3.0	2.7	2.4	2.3	2.3	2.4	2.2	2.3	2.6	2.7	2.8	2.7	2.3	2.4	2.3	1.6	1.6	1.8
MAX	11.0	12.4	13.9	11.6	13.6	12.6	13.3	13.2	12.4	12.3	12.3	11.5	12.0	11.5	11.1	10.8	10.6	10.8	9.4	9.2	10.1	10.1	10.5	10.1	10.2
MIN	1.6	3.5	3.2	2.5	0.4	0.7	2.6	1.9	2.6	2.7	2.6	2.7	2.9	3.1	3.1	2.1	1.2	0.4	0.6	0.9	1.1	2.2	2.7	3.8	4.1

HURGHADA, EGYPT SEPTEMBER 1985 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.4	9.4	12.8	12.7	12.2	12.9	12.9	12.4	11.8	11.7	11.1	11.8	9.9	8.8	8.9	9.1	10.1	9.1	9.3	8.8	8.8	8.6	7.3	3.8	9.9
2	2.9	3.8	3.7	7.7	11.8	11.8	11.4	11.4	10.7	10.3	10.1	9.7	7.9	8.2	7.9	8.7	6.1	6.8	7.3	6.7	6.3	8.3	6.1	4.8	7.8
3	4.1	5.8	8.8	12.1	12.3	11.8	12.7	11.7	10.4	10.2	10.2	9.3	10.3	9.9	9.9	9.2	7.9	7.7	7.8	8.6	8.2	8.7	5.5	8.2	9.4
4	11.8	10.5	12.6	14.2	13.2	11.7	12.6	13.6	10.8	10.3	11.8	9.8	10.2	9.8	9.6	9.2	9.3	9.6	8.8	9.5	9.6	8.5	9.3	7.9	10.5
5	9.3	11.3	13.1	13.2	12.1	12.2	12.3	12.8	10.1	9.9	11.8	8.9	9.3	9.5	6.7	8.5	7.6	7.5	9.3	6.9	5.3	4.7	4.5	5.7	9.3
6	6.8	8.3	6.8	5.8	6.3	4.6	5.6	6.5	5.1	8.3	8.9	10.1	10.3	10.2	9.2	8.4	6.8	6.1	6.6	3.4	5.9	5.8	5.8	5.7	6.8
7	5.1	3.9	4.2	5.1	5.7	5.9	4.8	6.6	9.1	8.8	8.3	7.8	7.3	6.8	6.4	7.2	6.8	6.5	7.7	6.7	7.3	4.5	4.6	4.8	6.3
8	5.6	5.5	3.9	8.2	10.8	9.8	9.8	9.9	9.5	8.5	7.6	6.5	6.6	5.6	5.5	4.5	3.4	3.1	4.7	5.6	3.9	3.1	4.9	3.8	6.2
9	4.4	7.5	8.9	8.8	5.4	5.3	4.8	4.6	6.4	6.9	7.2	7.2	7.5	6.8	5.4	4.6	1.1	3.8	1.1	3.8	5.5	5.3	5.5	5.8	5.5
10	5.4	4.9	4.7	5.7	4.6	4.9	4.1	4.8	8.2	8.9	9.3	8.6	9.1	9.2	9.5	9.3	7.7	5.8	7.4	8.4	10.5	8.2	5.6	6.5	7.1
11	7.3	5.9	5.7	5.9	6.8	9.3	9.4	10.4	10.3	11.8	10.6	11.2	12.8	11.3	11.8	10.8	10.1	9.9	9.5	10.1	9.4	7.8	5.5	6.5	9.1
12	8.8	10.6	9.8	9.9	9.5	7.6	8.3	7.8	8.4	10.3	11.2	10.7	10.7	9.9	9.8	9.4	9.4	9.1	7.8	7.2	6.8	6.4	5.9	7.6	8.8
13	7.8	7.0	6.8	6.3	6.1	6.3	5.8	6.2	8.8	9.4	8.6	8.4	8.5	7.7	5.4	3.7	3.9	4.8	4.8	5.8	4.8	5.5	5.7	6.5	6.5
14	5.9	5.5	4.5	5.4	5.7	9.5	9.5	9.1	8.8	8.5	9.1	8.7	9.1	8.8	8.6	8.6	8.8	7.3	5.8	4.9	6.8	5.3	4.9	5.3	7.2
15	5.8	5.9	5.3	6.1	7.6	5.9	4.6	8.3	11.1	10.7	9.4	9.8	10.3	9.8	9.4	9.1	8.7	6.8	6.5	6.7	6.7	6.4	7.5	6.8	7.8
16	5.8	5.1	4.6	11.1	7.8	4.6	6.8	10.1	11.3	11.1	9.4	9.7	8.9	8.4	8.5	9.4	8.5	7.8	7.3	6.6	7.8	4.7	5.7	5.8	7.7
17	4.8	3.4	5.8	9.4	11.5	11.4	12.7	12.1	11.6	11.4	10.5	8.9	9.1	9.1	9.5	7.7	7.8	9.2	5.9	8.2	9.2	4.8	4.6	5.3	8.5
18	6.1	5.4	9.4	12.4	12.5	14.3	14.8	13.2	11.6	11.5	10.7	9.1	10.5	9.8	9.9	9.3	9.4	8.8	8.9	8.5	7.8	4.8	5.1	6.8	9.5
19	3.5	4.9	10.1	12.8	11.5	11.2	12.8	11.1	9.9	9.3	8.3	7.4	7.2	6.5	6.7	6.8	7.3	8.8	5.7	6.7	5.8	6.5	4.8	7.8	7.8
20	8.7	6.4	4.5	4.2	3.9	4.6	3.1	7.9	8.6	8.6	7.8	7.6	7.7	7.8	7.3	7.8	7.2	7.8	7.3	7.6	7.9	4.6	4.4	6.5	6.6
21	7.8	7.8	4.8	5.7	7.3	5.4	6.5	9.2	8.7	7.5	7.3	5.8	5.1	5.8	4.9	3.4	2.7	2.2	2.9	3.1	4.8	5.3	4.6	3.9	5.4
22	3.9	3.8	2.9	4.1	4.9	4.6	4.5	5.8	4.9	5.8	3.7	3.9	3.4	3.5	2.2	2.7	2.2	2.2	2.9	3.2	3.5	2.8	8.9	3.4	3.5
23	4.8	4.7	4.4	4.8	3.9	3.7	3.2	2.6	4.5	5.4	4.9	4.9	4.7	4.6	5.4	4.4	3.7	2.6	1.9	2.6	1.9	3.4	4.8	6.3	4.0
24	5.7	4.6	3.8	6.9	6.8	5.1	8.5	9.7	9.8	9.4	8.2	7.9	9.5	9.9	9.1	9.5	9.4	8.8	9.3	9.3	7.8	4.7	5.4	6.6	7.6
25	6.5	5.7	6.1	4.9	3.6	2.6	3.8	3.5	4.1	5.4	4.5	4.7	4.5	4.4	3.4	3.4	2.5	1.5	1.5	2.1	1.8	2.3	6.1	6.1	3.9
26	3.8	1.3	2.6	1.9	2.1	2.8	3.2	8.7	2.2	3.4	2.7	3.8	3.4	3.6	3.8	2.3	1.3	1.7	3.1	4.4	3.9	5.6	5.7	5.8	3.8
27	7.2	6.7	7.2	8.8	9.4	10.2	9.7	9.6	8.9	7.5	8.7	8.8	7.6	7.7	6.9	4.5	3.8	2.1	3.2	3.7	3.9	3.7	3.6	4.2	6.5
28	4.1	4.5	4.9	4.7	6.1	10.2	9.4	8.2	8.2	8.3	8.3	7.4	6.6	5.9	6.4	5.1	3.2	2.9	5.1	6.0	5.1	4.1	4.4	4.1	6.0
29	3.4	4.6	4.8	5.8	8.2	8.7	9.3	10.2	9.9	10.3	10.4	10.5	10.8	9.9	9.1	7.3	5.5	5.4	6.4	7.7	7.8	5.8	6.8	5.5	7.6
30	4.9	4.4	4.8	4.6	4.2	4.2	4.5	4.4	9.5	9.9	9.5	10.2	10.2	10.2	9.3	7.7	6.6	8.2	7.2	6.1	8.3	8.8	6.9	6.7	7.1
AVG	5.8	5.8	6.3	7.5	7.7	7.8	7.9	8.5	8.8	8.9	8.6	8.2	8.3	7.9	7.6	6.9	6.3	6.0	6.1	6.2	6.3	5.5	5.5	5.7	7.1
STD	2.0	2.2	2.9	3.2	3.2	3.4	3.6	3.2	2.4	2.0	2.2	2.1	2.3	2.2	2.2	2.4	2.8	2.6	2.5	2.2	2.2	1.8	1.5	1.3	1.9
MAX	11.8	11.3	13.1	14.2	13.2	14.3	14.8	13.6	11.8	11.7	11.2	11.2	12.8	11.3	11.8	10.8	10.1	9.9	9.5	10.1	10.5	8.8	9.3	8.2	10.5
MIN	2.9	1.3	2.0	1.9	2.1	2.6	3.0	0.7	2.2	3.4	2.7	3.0	3.4	3.5	2.2	2.3	1.1	1.5	1.1	2.1	1.8	2.3	0.9	3.0	3.0

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HURGHADA,EGYPT OCTOBER 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.6	10.1	12.0	12.2	12.4	11.8	9.2	9.8	9.1	11.2	11.7	11.6	11.0	10.7	10.3	10.4	8.6	9.2	9.2	11.2	8.7	4.2	7.4	6.7	9.9
2	5.9	5.7	5.3	5.3	5.8	5.3	9.1	12.2	11.1	10.3	9.2	8.6	8.3	8.2	8.5	8.3	8.4	7.9	6.4	6.4	5.8	6.7	5.3	6.1	7.5
3	5.3	5.3	4.4	4.9	5.3	3.9	4.4	4.4	9.5	9.4	8.2	8.4	7.8	7.4	7.9	8.8	9.4	9.5	8.8	8.0	8.0	4.7	5.0	4.1	6.7
4	4.0	6.4	8.6	4.4	6.9	11.5	12.5	11.6	11.2	10.7	9.8	10.8	10.7	10.1	9.5	6.4	7.5	8.0	7.4	7.4	7.9	4.6	5.0	5.9	8.3
5	5.4	4.9	4.4	4.0	4.0	4.0	3.7	7.9	8.9	9.1	8.8	8.4	7.6	8.8	5.9	5.3	4.6	3.6	2.9	5.6	5.1	4.9	5.1	4.8	5.6
6	4.4	3.5	4.7	3.9	5.4	8.5	5.5	4.4	7.2	7.5	6.6	6.7	6.3	5.6	5.3	3.0	2.3	2.8	2.3	2.0	1.9	3.7	3.7	3.7	4.6
7	4.4	4.5	4.6	5.0	5.7	7.9	8.4	8.4	9.2	9.5	8.2	8.6	8.7	8.2	7.8	7.5	7.0	7.2	6.8	7.4	7.7	8.0	7.6	0.9	7.4
8	9.1	9.6	11.0	11.0	10.3	10.7	11.4	10.7	11.4	11.3	10.6	10.5	9.5	10.5	10.8	10.4	10.6	9.4	7.6	6.7	7.8	8.2	6.9	8.2	9.7
9	8.5	9.9	9.8	9.1	8.6	8.3	5.7	4.7	6.6	8.7	8.7	9.4	8.9	10.6	11.0	11.3	9.6	8.5	6.9	6.3	6.6	5.5	8.8	7.2	8.2
10	7.6	7.3	7.3	7.0	6.5	6.3	6.3	5.8	7.8	9.2	9.1	9.1	8.7	8.8	8.4	8.5	6.6	6.4	5.7	6.5	7.3	5.8	6.0	6.8	7.3
11	7.4	7.5	8.2	7.9	7.7	8.4	7.4	6.6			9.2	8.9	10.4	11.0	10.8	10.2	8.9	9.9	9.6	8.4	5.7	6.4	6.6	6.9	8.3
12	8.2	6.5	5.0	8.9	6.8	5.9	6.6	8.4	7.7	8.4	8.2	8.0	7.9	8.0	8.2	9.1	7.7	7.4	7.8	7.2	8.4	4.5	4.7	6.6	7.1
13	7.5	6.3	5.7	5.7	6.8	3.0	6.1	4.4	5.3	9.8	9.7	9.1	10.2	10.6	10.5	10.7	10.8	10.5	9.9	9.2	7.6	5.4	4.9	5.4	7.6
14	5.4	6.1	6.5	6.4	5.7	5.3	4.9	4.0	8.9	8.3	6.5	7.9	7.3	7.6	7.4	6.6	5.8	3.6	5.0	7.6	5.8	5.8	6.6	6.5	6.3
15	5.8	5.0	4.5	5.6	3.9	5.1	5.6	5.4	8.7	7.8	7.5	7.8	6.9	7.4	7.3	6.0	4.1	3.8	2.1	6.0	4.4	3.5	5.6	6.4	5.6
16	5.6	6.1	6.5	6.9	7.4	6.4	6.1	6.8	6.4	7.7	8.4	8.5	8.8	9.4	10.3	9.4	8.0	6.3	5.1	5.6	4.6	5.8	5.8	6.8	7.0
17	6.9	6.7	6.9	7.0	6.5	6.6	5.6	5.1	5.0	4.4	5.0	5.7	7.4	8.3	8.4	7.6	5.8	5.0	4.2	4.9	5.7	6.1	6.6	6.7	6.2
18	6.5	6.6	6.1	5.3	5.8	5.6	4.5	3.0	8.6	1.9	2.8	3.7	4.6	4.7	3.6	3.4	3.6	2.6	2.8	2.7	3.6	2.6	3.1	6.8	4.0
19	6.5	7.8	9.8	9.8	9.9	9.1	7.3	8.6	9.1	9.9	9.1	8.2	7.9	7.6	7.6	8.6	10.1	10.5	10.8	8.0	7.4	6.0	5.8	6.5	8.4
20	6.0	6.0	6.6	6.6	6.3	6.0	6.5	6.9	6.3	7.7	6.6	6.1	6.8	7.9	8.2	8.0	5.7	6.0	7.5	5.9	5.5	5.6	7.2	6.7	6.6
21	6.7	6.7	5.5	5.7	6.0	5.3	5.5	4.7	6.7	9.4	8.9	9.5	7.6	7.9	6.0	7.3	6.1	7.0	7.4	5.6	5.4	4.9	5.6	5.4	6.6
22	5.4	5.0	6.4	6.6	6.5	4.6	4.7	7.6	10.3	9.9	8.8	8.3	8.0	7.7	7.4	6.8	8.5	7.3	6.1	5.5	4.7	4.6	7.8	4.6	6.6
23	4.2	4.4	4.0	4.0	4.4	8.3	9.7	10.3	9.5	9.3	6.3	8.7	7.6	6.7	5.8	5.0	4.6	4.5	4.8	5.5	4.4	4.5	4.6	5.5	6.2
24	5.7	5.0	9.8	10.7	8.2	4.2	4.6	3.9	7.2	8.3	7.9	8.3	6.8	8.3	5.4	5.3	4.6	5.7	6.3	7.8	8.8	5.1	3.1	5.1	6.4
25	7.8	8.7	7.4	6.0	7.6	4.5	4.3	9.1	8.9	9.5	9.1	8.4	8.8	8.4	8.3	6.9	6.4	6.5	7.3	7.5	5.4	4.9	4.6	5.5	7.1
26	4.7	6.9	9.7	10.4	11.5	12.1	10.5	10.8	10.8	11.1	9.6	10.3	10.8	10.7	9.6	8.5	7.9	8.7	10.8	11.3	9.7	5.9	5.0	8.2	9.4
27	11.0	12.3	12.8	13.2	10.3	7.3	8.4	9.9	11.7	10.8	11.4	10.6	10.7	11.1	11.4	10.6	10.1	9.1	8.7	9.3	6.5	4.2	5.0	4.6	9.8
28	6.1	3.7	4.4	4.7	5.1	5.0	7.4	5.5	8.4	9.5	9.2	9.6	9.7	9.9	9.5	9.4	8.9	9.3	8.6	9.1	6.1	4.8	4.7	4.6	7.2
29	5.4	5.7	5.5	5.6	5.5	4.6	5.1	5.8	8.8	8.7	8.5	8.6	7.9	7.9	7.8	7.6	7.9	7.6	7.5	8.1	6.1	3.6	5.4	4.6	6.6
30	4.5	4.4	5.9	5.5	8.8	9.9	9.3	5.0	4.0	7.6	7.3	6.8	6.9	6.3	6.1	5.6	5.8	6.7	6.8	6.4	6.4	3.9	3.8	4.8	6.2
31	4.2	4.7	4.2	4.6	4.2	4.1	5.0	4.7	4.4	6.8	6.5	6.0	4.6	4.4	3.9	1.9	1.1	6.7	1.3	3.0	3.4	3.6	4.0	4.1	4.0
AVG	6.3	6.4	6.8	6.8	7.0	8.9	6.8	6.9	8.0	8.8	8.4	8.4	8.2	8.3	8.1	7.6	7.0	6.8	6.6	6.8	6.0	5.1	5.4	5.9	7.1
STD	1.7	2.0	2.4	2.5	2.1	2.4	2.2	2.6	2.8	2.5	1.7	1.6	1.6	1.8	2.0	2.3	2.4	2.5	2.5	2.1	1.6	1.2	1.2	1.3	1.5
MAX	11.0	12.3	12.6	13.2	12.4	12.1	12.5	12.2	11.7	11.3	11.7	11.6	11.0	11.1	11.4	11.3	10.8	10.5	10.8	11.3	9.7	6.2	7.8	8.9	9.9
MIN	4.0	3.5	4.0	3.9	3.9	3.9	3.7	3.0	6.8	1.9	2.8	3.7	4.6	4.4	3.8	1.9	1.1	6.7	1.3	2.0	1.9	2.6	3.1	3.7	4.0

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HURGHADA,EGYPT NOVEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.1	5.4	4.9	5.9	4.8	4.7	5.3	4.7	5.5	7.3	6.8	7.3	6.7	6.1	6.1	5.3	3.9	5.0	6.5	7.9	6.0	5.1	5.7	4.4	5.7
2	3.4	3.4	6.6	8.7	7.4	5.4	7.0	9.8	9.3	9.2	8.0	7.9	7.5	6.9	5.8	5.0	3.7	2.9	4.0	7.6	8.3	4.9	4.4	4.7	6.2
3	4.1	3.5	8.9	9.9	10.2	8.4	5.9	5.4	10.3	11.1	10.3	9.1	9.7	9.7	9.5	7.8	7.4	7.0	7.4	6.0	5.8	5.6	5.0	5.8	7.7
4	4.9	5.7	6.1	6.0	5.6	6.9	5.7	5.9	8.6	9.6	9.2	8.4	7.6	7.7	6.9	5.7	5.6	5.4	5.9	4.6	4.2	4.8	6.8	6.9	6.5
5	4.8	5.7	4.9	5.5	5.0	5.8	4.9	5.4	3.9	4.8	6.4	5.9	4.7	2.8	2.2	1.7	1.3	0.7	2.5	3.5	3.9	4.2	5.0	4.1	4.2
6	3.7	4.8	4.7	4.7	4.5	4.7	4.8	5.0	3.8	3.0	4.8	4.2	3.8	3.5	3.7	3.1	2.0	0.8	2.1	3.0	4.1	4.5	4.5	5.1	3.9
7	4.0	3.1	3.6	3.8	4.1	4.1	4.2	4.1	4.0	3.7	4.2	4.7	4.6	4.6	3.7	3.1	0.8	0.7	1.0	1.5	2.3	3.6	3.6	5.0	3.4
8	4.0	2.8	2.3	4.4	4.8	4.5	3.9	2.6	0.8	1.7	2.5	4.0	4.4	5.1	5.4	4.7	4.9	5.4	4.6	3.8	3.9	5.4	5.6	4.4	4.0
9	3.8	4.0	4.8	4.8	4.1	5.7	4.6	4.6	4.6	4.9	3.8	3.4			2.9	1.9	2.5	2.2	5.4	8.9	8.4	9.6	9.6	13.0	5.3
10	12.9	13.1	12.2	11.5	9.5	7.4	8.0	6.5	6.9	7.5	7.5	7.7	8.5	9.3	8.8	9.1	9.9	10.6	10.3	9.9	9.4	7.5	5.4	4.8	8.9
11	4.1	6.3	6.0	6.0	6.3	5.9	5.5	5.0	6.3	6.6	6.3	6.6	6.4	8.8	8.7	8.7	8.4	9.3	9.4	8.4	8.6	7.6	4.7	4.7	6.6
12	5.0	5.9	6.3	6.5	6.4	5.7	5.8	4.9	5.6	7.0	7.4	6.8	6.0	6.0	5.8	5.8	5.8	4.9	4.9	4.4	5.0	4.6	4.1	5.3	5.7
13	5.8	6.4	6.9	6.3	5.3	5.4	4.7	4.7	5.8	7.5	8.8	6.1	4.8	2.9	2.0	1.9	1.8	1.7	3.0	4.0	5.6	4.7	4.6	5.3	4.7
14	4.4	4.7	5.4	5.5	6.0	6.3	5.4	4.9	3.9	6.1	6.1	4.9	3.6	3.4	2.7	2.0	1.6	2.6	3.4	4.1	4.5	4.8	4.6	5.1	4.4
15	5.9	5.1	5.1	5.6	6.3	5.8	5.6	5.6	6.1	7.4	7.2	6.5	5.1	4.2	3.7	3.1	2.3	2.7	2.6	3.0	4.5	4.6	4.9	4.5	4.9
16	5.3	4.7	4.8	5.0	5.5	5.4	5.5	4.6	4.1	5.6	8.3	7.9	8.5	8.6	8.3	8.0	8.5	7.4	6.3	9.4	5.4	5.4	6.9	6.5	6.6
17	5.4	4.7	4.5	4.5	4.2	3.9	4.5	4.8	3.9	8.6	9.5	8.8	8.0	7.9	7.7	7.2	7.4	8.4	7.9	8.2	5.4	6.5	6.6	5.7	6.4
18	4.9	4.6	7.2	4.8	4.6	5.0	4.7	3.6	6.9	9.4	8.6	7.7	6.5	5.7	5.7	5.0	4.2	4.5	3.7	3.9	4.6	4.1	4.9	4.7	5.4
19	4.5	4.4	4.7	5.4	5.4	5.3	5.6	4.7	4.0	4.8	4.5	4.1	2.7	2.5	2.6	1.9	1.7	1.8	2.5	2.8	3.5	4.6	4.1	6.0	3.9
20	5.8	4.5	4.1	5.4	5.1	4.8	5.3	3.6	3.4	5.5	5.4	4.6	3.4	2.3	3.0	2.7	1.6	0.7	1.6	2.0	2.3	3.2	3.2	3.0	3.6
21	4.1	4.5	5.1	5.8	5.5	5.1	4.9	4.8	4.7	5.5	5.0	4.0	3.6	3.5	2.7	1.9	1.6	0.8	0.6	1.7	5.7	6.6	5.9	5.6	4.1
22	4.7	5.1	5.9	6.1	5.6	5.3	5.0	4.6	7.9	9.2	8.4	7.8	7.8	8.3	7.6	6.7	6.3	7.5	8.6	8.9	8.7	8.5	4.8	3.9	6.8
23	6.3	10.5	7.6	4.7	6.5	11.5	11.3	9.5	9.5	9.4	8.8	7.7	8.3	8.3	7.4	6.9	8.2	7.5	7.8	8.0	7.5	7.7	4.2	4.5	7.9
24	4.2	4.8	4.8	4.5	4.7	4.2	4.5	3.6	3.6	3.6	2.7	2.6	2.2	1.8	1.8	1.9	1.0	0.1	1.1	2.1	2.9	2.9	2.9	2.3	3.0
25	2.5	2.1	2.2	1.6	3.4	4.6	2.9	1.0	1.5	3.0	2.7	4.0	3.5	4.2	4.1	3.9	4.0	4.0	3.2	3.4	1.5	5.7	5.9	4.9	3.3
26	5.7	6.7	9.1	5.7	4.9	6.0	6.1	6.0	7.4	6.7	8.5	9.2	9.2	6.6	7.3	5.7	6.3	7.9	8.7	8.3	6.6	5.7	5.9	6.3	7.1
27	5.5	6.5	6.4	6.6	6.8	6.6	5.8	4.6	4.4	5.1	4.4	4.0	4.4	4.0	3.7	3.1	2.8	2.8	3.7	4.2	4.5	5.0	5.6	5.6	4.6
28	5.4	5.6	5.9	5.8	5.6	5.4	5.4	4.7	3.6	4.6	5.8	4.6	4.7	3.7	2.6	2.5	2.6	2.7	3.6	3.7	3.8	5.1	5.4	6.1	4.5
29	6.5	5.1	5.4	5.4	5.9	6.3	5.8	4.7	3.4	3.0	4.7	5.4	4.4	3.2	2.9	2.7	1.9	1.2	2.7	2.6	1.7	1.9	3.6	5.4	4.0
30	5.8	5.5	6.0	4.7	4.6	5.6	7.0	7.8	9.7	11.8	11.7	11.5	11.8	12.1	12.3	12.7	12.2	11.3	8.5	5.9	7.8	7.0	6.6	5.8	8.6
AVG	5.1	5.3	5.8	5.7	5.6	5.7	5.5	5.0	6.5	6.5	6.5	6.2	5.9	5.7	5.3	4.7	4.4	4.3	4.8	5.3	5.1	5.4	5.2	5.3	5.4
STD	1.7	2.1	1.9	1.8	1.4	1.4	1.4	1.7	2.4	2.5	2.3	2.1	2.3	2.6	2.7	2.7	3.0	3.2	2.8	2.6	2.1	1.7	1.3	1.7	1.6
MAX	12.9	13.1	12.2	11.5	10.2	11.5	11.3	9.8	10.3	11.6	11.7	11.5	11.8	12.1	12.3	12.7	12.2	11.3	10.3	9.9	9.4	9.6	9.6	13.0	8.9
MIN	2.5	2.1	2.2	1.6	3.4	3.9	2.9	1.0	0.8	1.7	2.5	2.6	2.2	1.8	1.0	1.7	0.8	0.1	0.6	1.5	1.5	1.9	2.9	2.3	3.0

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HURGHADA,EGYPT DECEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.4	7.7	7.8	8.4	7.4	8.7	7.9	8.3	7.8	9.8	9.4	9.4	10.5	10.2	9.1	7.8	8.8	9.8	11.0	10.3	10.8	11.8	11.8	11.7	9.1
2	10.5	11.0	11.6	11.7	12.1	11.5	9.2	8.7	11.7	12.0	11.2	10.6	10.3	9.9	10.2	10.6	11.8	11.6	11.8	8.3	8.1	8.8	7.3	7.4	10.2
3	7.6	8.0	7.3	8.9	7.8	7.5	7.3	7.2	8.6	11.6	12.0	11.8	10.1	9.2	7.6	6.8	8.7	10.6	9.8	8.9	5.8	8.4	7.5	6.5	8.3
4	7.5	7.3	7.6	6.9	8.1	6.9	7.4	7.3	9.5	10.8	8.7	8.2	6.8	6.8	6.3	6.8	7.7	9.6	8.8	8.8	9.7	8.0	7.4	5.9	7.9
5	8.0	8.0	6.6	8.5	6.9	8.7	7.3	7.5	6.4	4.6	5.8	5.3	4.9	5.1	5.0	6.0	5.9	5.8	5.1	5.6	5.4	6.4	6.9	8.6	6.0
6	6.9	7.2	7.2	8.5	8.1	5.6	6.0	6.0	6.8	5.4	4.4	4.2	3.6	2.6	2.3	1.8	1.7	2.5	3.7	4.5	5.0	4.7	5.6	3.0	4.8
7	6.0	6.0	6.4	6.3	6.5	6.3	6.3	5.6	5.0	5.4	5.3	4.6	3.7	3.6	3.5	2.6	2.2	1.8	3.1	3.7	3.9	4.8	4.9	6.0	4.6
8	5.1	5.7	5.9	6.6	6.5	6.6	6.5	6.0	5.8	4.9	3.5	2.8	2.3	2.3	1.9	1.8	1.5	1.0	2.1	3.5	3.8	4.6	5.7	5.1	4.2
9	4.6	5.1	5.9	5.9	5.3	5.1	5.5	5.4	4.6	3.6	3.1	4.5	4.8	4.5	4.4	3.1	1.6	1.7	1.7	3.5	3.9	3.5	4.1	4.7	4.2
10	4.6	4.8	4.8	6.6	5.0	5.0	5.7	5.3	4.6	3.7	4.2	4.0	3.6	3.2	2.0	2.3	1.9	1.1	1.2	3.1	3.0	2.6	4.4	4.0	3.8
11	3.9	4.0	4.1	3.9	4.5	5.3	5.3	4.0	4.7	4.9	6.0	6.0	8.4	6.6	6.5	6.7	6.8	6.5	5.8	4.4	5.8	7.6	3.9	4.6	5.3
12	6.1	4.1	6.0	5.8	4.7	8.3	8.3	6.3	5.4	5.3	5.5	4.6	5.6	5.3	3.6	3.2	2.5	1.2	1.7	3.2	3.0	2.7	4.7	5.6	4.7
13	4.7	5.5	5.1	5.4	5.4	4.7	4.5	4.2	3.4	2.0	2.7	3.4	3.4	3.4	2.9	1.6	0.7	0.1	0.3	1.3	2.1	2.3	1.1	1.2	3.0
14	3.2	5.0	4.7	4.9	4.7	5.9	6.0	5.4	3.4	2.6	3.2	4.0	8.4	8.1	5.0	3.8	0.9	1.7	1.5	3.6	4.4	4.4	6.3	6.7	4.3
15	5.6	7.2	5.0	8.3	5.9	6.6	5.9	5.1	3.6	3.7	5.5	4.9	7.3	6.9	6.9	7.8	9.6	9.2	9.6	8.6	4.4	5.3	5.0	5.0	6.4
16	5.5	5.9	8.5	6.4	4.9	4.0	3.5	8.9	9.9	8.6	7.4	7.6	7.2	6.6	6.6	6.9	9.2	8.3	6.0	8.4	8.7	7.0	6.3	7.3	7.1
17	5.7	3.8	5.6	8.3	4.7	5.6	5.3	5.4	4.2	3.7	2.8	8.9	2.3	3.8	3.6	2.5	4.2	6.4	6.8	8.9	2.1	6.0	3.6	2.6	4.4
18	3.4	3.7	5.3	7.3	8.8	8.2	13.1	7.5	5.0	7.7	12.1	12.3	12.6	12.5	11.3	11.5	11.0	8.7	6.5	7.9	6.8	6.9	7.4	7.0	8.5
19	6.8	9.6	7.6	6.9	8.0	6.1	6.7	5.6	6.0	8.0	7.7	6.8	8.5	7.9	8.2	8.3	7.7	6.3	6.4	6.7	7.3	5.3	4.1	5.6	6.9
20	5.3	6.6	5.6	5.5	6.7	5.5	5.0	6.1	6.1	6.3	5.9	6.1	6.4	6.6	7.0	7.6	7.7	7.3	7.4	6.7	4.6	4.4	5.4	5.3	6.1
21	5.7	5.8	6.0	5.6	5.4	4.9	4.7	4.7	3.5	1.5	1.5	1.8	2.1	2.9	3.1	3.2	2.3	1.6	1.6	3.2	2.9	3.6	4.5	4.2	3.6
22	4.8	4.4	3.6	3.9	4.6	5.0	5.4	4.5	4.8	3.8	3.6	2.6	3.1	4.1	3.4	2.7	1.5	1.5	2.1	3.0	4.1	4.4	4.1	5.0	3.8
23	6.0	4.5	4.1	4.2	5.4	5.9	5.5	5.0	4.5	4.2	5.0	5.0	6.6	6.5	6.5	6.6	6.1	5.4	3.4	4.4	4.6	5.1	5.5	5.6	5.2
24	6.4	5.9	6.5	5.8	6.7	6.7	7.0	6.1	6.3	7.6	7.5	5.9	7.5	8.0	8.3	8.8	6.5	9.1	8.6	7.7	6.5	7.0	7.6	7.3	7.2
25	6.6	6.5	6.7	7.0	7.5	7.4	7.3	7.0	7.4	7.3	7.3	7.8	7.8	8.4	7.8	7.8	8.3	9.1	8.6	7.2	5.6	6.9	7.7	6.7	7.4
26	5.0	5.0	6.6	6.9	6.9	7.0	7.0	6.5	6.9	7.9	7.6	8.2	8.5	9.4	10.1	11.1	11.5	11.7	13.4	9.3	6.3	6.1	6.9	7.0	8.1
27	6.1	7.2	6.6	6.3	6.3	6.6	6.0	6.5	6.3	8.4	6.9	6.8	6.1	5.8	5.9	5.5	5.6	6.1	6.1	5.0	4.6	6.1	6.3	8.1	6.2
28	6.7	6.0	5.7	6.5	6.5	6.7	6.7	6.0	6.4	6.6	6.4	6.4	6.4	6.7	6.3	5.8	5.7	5.4	5.8	5.6	5.1	6.0	7.0	7.0	6.2
29	7.3	7.3	7.0	6.7	6.6	6.4	7.3	6.9	6.7	5.5	4.2	4.7	4.0	3.4	2.2	1.7	1.8	1.7	2.9	4.4	4.6	5.0	5.1	5.6	5.0
30	5.6	5.5	5.6	5.6	6.5	6.7	6.0	5.6	5.3	4.0	4.0	3.2	2.2	1.6	1.6	1.9	2.1	1.2	1.2	2.3	3.4	4.2	5.4	5.0	4.0
31	4.6	4.9	5.7	5.3	5.5	6.1	6.0	5.4	4.4	2.9	2.3	1.8	1.0	0.7	1.7	2.2	1.9	0.9	0.7	2.2	3.5	2.6	2.2	4.4	3.3
AVG	5.9	6.0	6.2	6.3	6.2	6.4	6.5	6.1	5.9	5.9	5.9	5.7	5.8	5.8	5.6	5.4	5.4	5.3	5.5	5.5	5.1	5.5	5.6	5.7	5.8
STD	1.5	1.6	1.5	1.4	1.4	1.3	1.7	1.2	1.9	2.7	2.7	2.7	2.7	2.7	2.7	3.0	3.5	3.7	3.6	2.4	2.0	1.9	1.9	1.8	1.8
MAX	10.5	11.0	11.6	11.7	12.1	11.5	13.1	8.9	11.7	12.0	12.1	12.3	12.6	12.5	11.3	11.5	11.8	11.7	13.4	10.3	10.8	11.8	11.8	11.7	10.2
MIN	3.2	3.7	3.6	3.9	4.0	4.0	3.5	4.0	3.4	1.5	1.5	0.9	1.0	0.7	1.6	1.7	0.7	0.1	0.3	1.3	2.1	2.3	1.1	1.2	3.0

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HURGHADA, EGYPT JANUARY 1986 10M AGL BHW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.1	3.7	4.7	4.0	4.9	4.8	4.6	2.9	2.0	6.7	1.1	3.1	3.7	4.2	4.5	3.8	3.9	4.2	3.1	2.9	2.6	3.1	2.0	2.7	3.4
2	3.4	3.8	4.6	3.1	3.6	2.5	2.9	2.2	1.2	2.0	5.4	6.0	7.8	8.2	8.7	6.0	4.6	4.5	5.3	1.7	2.9	4.0	8.3	7.6	4.4
3	6.8	7.5	9.5	11.8	12.4	10.2	10.1	8.8	8.4	9.2	9.9	9.1	9.7	10.6	10.3	10.3	10.7	9.8	9.2	8.0	5.7	6.5	6.9	6.9	9.1
4	6.7	7.0	6.8	6.9	6.9	7.0	6.6	5.8	5.4	4.9	5.0	4.5	3.6	2.6	3.5	3.4	2.6	2.5	2.2	4.0	4.7	4.5	4.8	5.3	4.9
5	4.5	5.1	5.6	6.3	6.3	5.8	6.5	6.3	5.6	4.0	3.7	4.5	4.1	3.2	2.5	1.8	1.2	1.2	1.7	2.1	3.4	3.4	5.3	4.6	4.1
6	5.6	4.7	5.0	5.7	5.8	6.1	5.5	5.1	4.1	3.6	3.7	4.1	3.8	3.0	2.8	3.1	3.5	2.9	2.1	1.9	2.2	2.5	2.9	3.2	3.8
7	4.0	4.6	4.4	4.8	4.8	4.7	3.6	4.5	3.4	2.3	1.5	2.5	2.6	3.6	3.2	3.4	2.5	2.1	1.8	2.1	4.1	3.6	4.6	4.9	3.5
8	4.9	4.4	6.6	5.6	5.5	6.9	6.9	6.3	8.6	11.3	11.1	10.8	10.2	10.8	11.1	10.6	9.9	9.4	10.4	6.8	9.4	6.6	6.6	5.4	8.2
9	5.9	6.4	6.1	6.3	6.8	6.9	6.9	6.6	6.7	5.6	4.5	3.0	3.7	4.2	4.4	4.6	4.2	2.7	2.6	3.4	4.9	5.7	4.9	5.6	5.1
10	5.6	5.6	5.4	5.9	5.3	5.6	7.0	6.7	5.9	4.8	3.7	2.7	2.7	2.9	3.4	3.2	3.8	2.9	2.2	4.1	4.5	4.6	5.5	6.0	4.6
11	6.7	7.0	7.0	6.4	6.3	6.5	7.0	6.7	7.2	6.6	6.5	7.9	8.5	8.5	9.6	10.2	9.8	8.8	8.2	9.7	8.6	7.7	5.1	5.0	7.6
12	6.3	6.6	5.6	6.5	6.6	5.4	6.4	6.9	7.9	8.2	7.9	8.9	8.8	9.4	9.1	8.6	7.4	7.6	6.0	6.1	5.5	5.5	6.0	6.8	7.2
13	6.9	6.0	6.6	6.4	6.4	6.6	6.5	5.6	4.8	4.6	4.4	4.4	3.8	3.6	3.5	3.2	2.7	1.5	2.7	3.9	3.9	3.7	4.1	4.6	4.8
14	4.8	5.9	6.5	6.8	8.6	6.6	6.3	6.0	5.6		6.1	5.1	5.5	5.4	5.6	7.3	8.3	6.4	5.5	7.5	8.2	5.4	5.6	5.6	6.2
15	6.5	5.1	5.4	7.7	7.2	6.3	6.5	6.7	7.5	8.6	8.5	7.5	7.6	6.3	6.5	7.0	7.9	6.4	6.8	7.5	6.7	4.9	5.0	5.7	6.7
16	6.8	6.3	5.7	6.9	8.5	6.5	6.5	6.8	6.1	5.0	5.5	5.4	4.5	3.7	4.5	5.1	5.1	4.2	3.6	4.0	5.0	5.1	5.4	5.7	5.4
17	6.1	6.3	6.9	6.7	7.0	6.7	6.6	6.9	6.1	5.6	6.1	5.7	5.3	5.6	6.6	6.4	6.5	5.6	6.9	6.0	4.5	5.1	5.6	5.7	6.1
18	6.0	4.3	5.6	6.8	6.8	6.7	6.8	6.5	6.3	5.5	4.8	4.7	6.3	5.4	5.7	5.3	5.0	5.4	4.9	6.9	5.4	6.1	7.2	6.6	5.9
19	6.5	6.9	6.5	10.7	12.9	11.2	9.4	9.0	11.6	11.1	10.8	11.8	13.4	13.4	14.2	14.4	13.7	14.0	14.0	12.9	11.6	9.1	7.2	7.4	11.0
20	8.3	9.4	11.6	11.3	11.7	11.7	8.8	8.2	9.1	10.8	11.0	8.4	6.8	7.3	8.8	8.9	7.2	6.1	8.5	8.7	4.6	6.4	6.6	6.7	8.6
21	6.8	6.7	7.0	7.3	7.0	7.2	7.7	7.6	7.7	6.1	5.6	5.0	3.9	3.7	4.1	4.8	5.0	5.3	4.9	4.5	6.0	5.9	5.5	6.0	5.9
22	5.8	5.[illegible]	5.5	6.6	5.5	5.9	6.4	6.6	5.8	6.4	7.7	7.5	6.9	6.1	5.8	5.6	5.0	4.6	5.7	5.7	5.3	3.8	5.0	4.8	5.9
23	5.9	6.4	5.8	6.3	5.3	6.3	5.8	5.9	5.1	5.4	4.8	3.0	1.7	1.8	3.0	5.7	5.6	5.1	4.6	3.1	1.8	2.0	2.3	4.2	4.4
24	5.0	5.1	4.4	5.0	5.7	5.3	4.9	4.5	3.0	3.2	2.9	2.1	1.7	2.3	2.6	2.1	2.7	1.2	1.6	2.2	2.9	3.4	4.1	3.7	3.4
25	3.1	2.7	3.7	3.5	4.7	5.6	5.6	4.8	3.1	2.3	6.4	7.3	7.4	7.9	8.7	8.5	8.2	8.0	8.4	10.2	9.7	7.7	6.5	6.7	6.3
26	7.6	7.2	8.9	5.8	6.8	7.6	7.7	7.6	6.4	7.3	7.8	6.8	5.6	4.7	4.5	5.1	6.4	6.0	6.3	7.5	6.8	4.9	4.7	4.7	6.3
27	5.9	5.6	5.1	7.6	10.3	7.4	6.8	5.5	6.9	5.1	7.8	7.4	7.4	8.0	9.5	10.4	10.2	9.7	9.3	8.6	6.8	5.5	5.3	8.1	7.4
28	5.1	6.3	5.0	5.9	9.6	5.1	5.6	5.5	6.6	4.9	7.4	8.9	8.5	7.9	7.6	7.7	8.0	8.2	6.9	6.5	8.0	7.4	7.2	6.6	7.0
29	8.9	5.5	5.5	6.6	6.7	5.9	6.4	7.5	7.8	8.3	10.2	9.6	10.4	10.1	10.6	11.0	11.5	10.7	8.5	6.0	5.7	8.4	6.5	5.7	7.9
30	6.1	7.5	6.7	6.6	6.7	6.1	6.4	6.9	7.4	8.7	8.2	7.7	7.5	7.0	6.9	5.8	5.9	6.5	6.0	6.8	5.9	5.7	5.1	5.5	6.6
31	5.8	6.4	7.0	6.7	6.8	7.2	6.7	7.0	6.5	5.5	6.7	7.3	6.7	6.3	6.1	6.3	8.4	5.8	6.9	5.9	6.7	4.5	4.9	5.5	6.3
AVG	5.8	5.9	6.1	6.6	7.0	6.6	6.5	6.3	6.1	6.0	6.3	6.3	6.1	6.1	6.3	6.4	6.3	6.0	5.8	5.8	5.6	5.2	5.3	5.5	6.1
STD	1.1	1.3	1.5	1.6	2.2	1.6	1.4	1.5	2.1	2.7	2.6	2.5	2.6	2.6	3.0	3.0	3.0	3.0	3.0	2.8	2.2	1.6	1.2	1.1	1.6
MAX	8.3	9.4	11.6	11.6	12.9	11.7	10.1	9.8	11.6	11.3	11.1	11.8	13.4	13.4	14.2	14.4	13.7	14.0	14.0	12.9	11.6	9.1	7.2	7.6	11.0
MIN	3.1	2.7	3.7	3.1	3.6	2.5	2.9	2.2	1.2	6.7	1.1	2.1	1.7	1.6	2.5	1.6	1.2	1.2	1.7	1.7	1.6	2.0	2.3	2.7	3.4

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HURGHADA,EGYPT FEBRUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	6.0	5.8	5.7	5.8	4.0	5.4	5.4	4.5	3.9	4.2	4.8	4.2	3.7	2.5	3.2	3.2	1.9	0.9	0.4	1.6	2.1	3.6	4.7	4.7	3.8
2	5.6	5.9	6.5	6.1	5.1	5.7	5.5	5.0	4.1	3.9	4.4	3.7	3.5	2.5	3.1	2.5	2.1	1.6	1.6	1.9	3.2	4.4	4.1	1.8	3.9
3	2.6	1.7	1.5	2.3	3.0	2.8	1.7	2.1	2.7	4.2	5.8	5.8	6.3	6.5	6.3	5.8	6.1	4.2	3.7	2.5	1.7	2.3	3.6	4.2	3.7
4	4.6	4.2	4.2	3.4	2.5	3.0	4.0	3.3	3.2	2.6	1.6	1.9	2.1	3.2	3.5	4.0	3.5	3.2	2.2	2.1	2.6	2.2	3.2	4.2	3.2
5	3.4	5.3	3.9	4.4	5.3	5.5	2.0	9.6	12.1	11.1	9.8	9.7	10.7	13.0	11.3	10.6	9.9	7.6	5.8	5.5	6.5	5.6	5.0	6.6	7.5
6	5.7	5.4	6.1	7.5	4.4	4.9	6.0	7.0	7.2	6.6	7.0	7.4	7.2	7.3	7.6	8.5	7.4	6.9	6.9	5.0	5.1	4.6	5.3	5.0	6.4
7	4.9	4.7	5.6	6.0	4.9	5.5	5.5	5.8	5.5	4.7	4.7	4.5	4.2	4.1	4.6	3.8	2.5	1.1	2.3	3.2	4.0	3.4	3.5	4.1	4.3
8	3.4	3.7	2.7	1.9	3.2	4.6	4.8	4.5	2.8	1.6	2.2	2.6	3.9	3.7	4.7	3.8	3.8	3.5	2.2	3.1	4.5	3.7	3.6	2.6	3.4
9	5.3	10.1	11.8	15.2	14.8	11.1	9.3	6.8	9.6	8.6	7.8	8.9	9.2	9.1	9.4	9.2	9.3	9.3	8.7	8.5	6.1	6.1	6.7	5.6	9.1
10	8.6	6.8	6.8	6.5	6.6	6.1	6.0	5.7	6.0	7.5	8.0	7.9	8.7	8.5	9.1	9.5	9.2	8.8	9.2	8.0	5.6	5.1	6.1	6.6	7.3
11	8.5	5.9	6.1	6.8	6.6	6.4	6.4	5.9	6.0	7.0	7.3	7.7	6.8	6.1	5.4	5.3	6.6	7.0	6.6	7.9	4.2	4.4	5.9	6.1	6.3
12	5.9	5.1	4.4	4.0	5.1	5.4	5.7	5.3	3.5	5.7	7.0	5.9	5.4	5.3	4.9	3.8	3.9	2.8	3.6	4.0	3.4	3.8	4.7	5.5	4.8
13	5.7	6.6	6.3	5.8	4.7	6.1	6.4	4.6	3.7	3.0	3.7	3.7	4.0	4.2	4.4	4.8	6.3	3.8	6.9	10.3	9.5	8.0	6.2	6.6	5.8
14	8.5	7.5	6.5	4.9	3.5	5.9	6.0	5.5	6.0	7.5	7.6	7.5	7.6	7.3	7.6	6.5	6.6	7.2	7.3	6.5	5.0	5.1	5.1	5.3	6.4
15	5.8	5.7	5.9	5.9	6.4	6.4	6.3	5.5	5.7	6.6	5.8	6.8	7.3	6.2	10.1	10.1	10.2	10.5	9.9	6.7	6.7	5.7	5.4	6.4	7.1
16	7.2	7.0	6.7	6.6	6.6	6.7	7.0	6.7	7.0	5.3	5.1	3.9	3.6	4.0	3.9	2.9	1.7	0.6	1.7	2.8	3.1	3.6	3.9	3.2	4.6
17	3.6	3.9	4.4	5.3	5.1	4.2	3.7	2.9	2.6	2.5	3.8	4.8	5.4	9.5	8.7	9.8	8.5	8.6	7.3	7.3	5.3	5.8	6.3	5.8	5.6
18	5.5	5.5	6.3	6.0	6.6	6.6	6.5	5.3	4.9	6.6	6.6	6.3	5.5	4.6	4.4	4.2	3.7	2.1	0.8	1.9	3.8	4.8	4.8	5.6	4.9
19	5.1	5.7	5.8	5.8	5.9	5.4	5.1	4.4	3.7	2.9	3.0	3.8	3.6	3.2	5.9	6.4	6.1	4.9	3.1	2.1	2.0	3.4	2.7	2.1	4.3
20	3.2	3.8	4.9	4.2	2.9	4.2	4.7	4.6	4.0	2.3	2.8	3.2	3.4	4.2	4.7	4.2	4.6	3.5	3.0	2.5	2.5	1.9	3.5	3.5	3.6
21	3.7	3.6	4.5	4.7	4.6	4.6	5.4	4.7	3.7	3.4	4.0	5.4	4.6	4.2	3.8	3.6	3.6	2.7	2.3	3.6	5.3	5.0	6.7	6.7	4.3
22	5.5	8.8	10.6	8.8	9.1	6.9	5.1	4.7	5.9	7.6	9.6	9.2	9.5	9.2	7.9	7.4	6.9	7.0	8.2	6.6	8.9	6.3	3.9	5.0	7.5
23	4.7	3.8	7.4	6.6	4.5	4.8	4.9	4.0	5.1	7.9	7.7	6.6	4.8	3.9	3.5	3.0	2.1	0.9	1.2	3.0	3.0	2.6	3.7	4.4	4.3
24	5.6	5.8	5.0	5.6	5.7	5.6	5.8	4.5	3.2	3.5	5.7	7.5	8.2	8.7	10.4	11.4	11.5	12.1	13.0	11.6	11.0	8.4	6.0	5.5	7.6
25	5.9	6.5	6.0	7.6	8.6	7.0	6.9	8.6	8.5	8.7	9.1	8.8	8.9	7.7	7.0	5.7	5.4	5.6	6.0	5.9	5.0	6.1	5.5	5.4	7.1
26	5.4	4.8	5.5	5.1	4.6	4.9	4.7	4.2	5.1	7.6	6.4	6.0	5.1	4.2	4.2	3.9	3.9	2.5	1.6	3.5	4.2	4.6	5.1	6.5	4.7
27	7.3	6.1	5.1	5.1	4.8	5.3	5.9	4.4	4.8	8.0	7.2	7.2	6.8	7.8	6.0	6.6	6.0	4.5	6.9	6.9	7.7	5.6	6.1	5.3	6.1
28	5.0	3.0	3.6	3.6	4.5	6.8	11.3	12.4	12.9	12.4	11.8	12.0	11.6	11.5	11.3	11.7	12.6	12.0	10.3	10.3	11.8	12.0	7.3	6.0	9.5
AVG	5.3	5.5	5.7	5.8	5.5	5.6	5.7	5.5	5.5	5.9	6.1	6.2	6.1	6.2	6.3	6.2	5.9	5.2	5.1	5.4	5.2	4.9	5.0	5.1	5.6
STD	1.3	1.7	2.0	2.4	2.3	1.5	1.9	2.0	2.6	2.7	2.4	2.3	2.4	2.7	2.6	2.8	3.0	3.3	3.3	3.0	2.6	2.1	1.3	1.3	1.7
MAX	8.5	10.1	11.8	15.2	14.8	11.1	11.3	12.4	12.9	12.4	11.8	12.0	11.6	13.0	11.3	11.7	12.6	12.1	13.0	11.8	11.8	12.0	8.2	8.6	9.5
MIN	2.8	1.7	1.5	1.9	2.5	2.8	1.7	2.1	2.6	1.6	1.8	1.9	2.1	2.5	3.1	2.5	1.7	0.6	0.4	1.6	1.7	1.9	2.7	1.8	3.2

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HURGHADA,EGYPT MARCH 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.9	14.8	10.4	8.4	13.4	13.6	14.2	13.5	12.4	12.1	11.7	12.2	12.2	12.3	11.8	11.6	10.4	8.8	9.7	10.5	8.8	4.7	5.7	4.9	10.6
2	11.3	13.9	13.7	14.1	13.6	14.3	9.8	9.6	12.8	11.5	10.5	10.1	9.4	9.3	8.3	8.0	7.9	8.0	7.5	8.2	7.0	5.4	5.5	8.2	9.9
3	9.2	8.3	4.7	5.0	4.6	4.5	4.4	5.3	8.0	8.7	5.9	5.8	5.3	5.4	4.8	2.5	1.5	2.5	2.8	3.2	2.8	3.9	4.6	3.9	4.7
4	3.5	4.8	5.0	5.4	4.6	4.7	4.0	2.7	1.8	1.2	2.5	2.7	2.7	3.4	4.2	5.3	6.3	6.3	6.3	5.6	3.8	2.5	3.5	2.5	4.0
5	1.7	1.8	1.9	6.3	6.7	8.3	5.3	5.3	4.0	4.9	6.9	8.1	5.3	4.4	4.6	2.2	2.9	6.5	5.7	3.8	3.8	2.6	1.3	3.9	4.4
6	8.7	5.8	3.8	4.1	3.9	3.5	3.6	4.6	5.4	5.1	5.4	4.7	4.9	5.0	5.6	4.7	3.6	6.7	4.6	4.2	6.5	7.2	4.7	6.3	5.0
7	5.6	3.0	8.4	9.2	8.9	7.5	6.9	5.0	5.8	5.3	5.1	4.7	4.1	3.5	3.6	3.5	3.8	2.8	1.3	0.9	1.6	2.2	2.7	3.7	4.5
8	3.0	2.6	2.6	3.1	4.2	3.6	4.0	2.1	1.1	2.6	6.4	7.4	7.9	7.9	7.6	7.5	8.5	7.6	6.1	6.4	5.9	4.7	3.4	3.6	5.0
9	2.6	2.0	3.1	3.7	3.2	3.9	4.5	3.2	3.4	2.5	5.5	6.3	4.9	6.8	5.4	4.4	2.5	5.4	5.4	7.0	9.4	8.7	7.9	5.8	4.9
10	6.4	5.6	6.1	4.7	6.0	5.7	7.3	7.3	6.5	6.3	9.1	8.6	8.6	6.9	9.2	7.9	8.5	6.9	7.7	8.3	9.5	7.6	3.6	4.1	7.1
11	5.6	5.8	5.7	5.3	5.6	4.9	5.7	5.0	7.2	8.5	6.6	8.9	9.2	8.8	8.5	8.6	8.3	7.7	7.9	7.3	5.1	4.6	5.5	6.0	6.9
12	4.7	4.0	7.6	8.9	5.0	4.6	5.3	5.1	8.8	8.4	8.4	7.3	5.9	4.0	3.6	4.0	4.5	5.1	5.4	5.0	5.4	3.9	4.0	5.1	5.6
13	4.6	5.4	5.6	5.1	4.8	3.7	3.0	4.2	4.8	4.0	2.9	2.5	2.3	2.3	3.9	3.8	3.4	2.8	2.5	2.5	2.7	3.5	2.6	3.7	3.6
14	3.4	3.5	2.1	5.6	6.6	3.6	5.9	5.5	8.2	8.4	10.1	8.9	9.3	9.1	10.1	9.2	8.9	8.6	10.1	12.2	12.9	11.0	10.4	6.7	8.0
15	5.1	6.0	8.4	7.9	5.9	5.6	6.4	7.2	11.5	10.5	11.1	11.1	11.0	10.7	9.8	9.8	9.2	8.3	7.5	6.7	4.4	4.2	4.2	6.4	7.9
16	7.3	6.2	6.9	7.9	5.7	3.7	4.6	5.7	8.7	9.3	8.8	8.4	8.4	8.5	6.0	7.4	6.1	5.4	7.0	7.8	7.2	4.7	4.4	5.5	6.9
17	6.4	6.4	5.9	5.3	5.0	5.3	4.6	6.0	10.4	10.5	9.8	9.6	10.3	10.2	9.7	10.1	9.6	8.7	9.3	9.2	8.6	9.5	6.0	6.4	9.0
18	9.9	13.0	12.4	11.2	7.8	5.0	3.2	5.6	6.8	7.4	8.4	6.7	5.9	5.4	7.2	7.4	7.3	5.8	6.7	6.4	5.6	6.0	3.0	1.8	6.9
19	2.7	5.7	4.1	3.5	3.7	3.6	3.6	6.4	8.3	7.8	7.2	6.9	6.0	4.9	4.6	3.8	1.9	1.6	4.1	6.3	8.9		4.6	5.7	5.1
20	5.4	5.4	5.5	6.5	7.9	7.0	5.8	5.7	9.1	10.3	10.3	9.7	9.3	9.3	8.9	8.6	8.2	7.5	9.4	9.1	8.9	9.3	5.3	4.1	7.8
21	5.5	6.3	6.0	5.9	5.7	5.7	4.7	7.3	9.1	8.0	8.6	7.3	6.0	6.3	5.1	4.6	3.9	4.8	3.7	3.9	6.0	6.6	6.1	4.6	5.9
22	4.0	3.7	4.2	4.5	4.2	2.9	3.2	2.8	2.0	1.5	2.9	4.1	3.2	3.7	3.6	3.1	3.1	3.0	2.6	1.9	2.0	3.0	2.0	2.7	3.1
23	2.5	2.2	2.3	1.6	1.7	2.6	3.2	2.7	2.1	2.8	3.7	3.7	4.6	6.1	7.3	6.4	7.3	6.9	6.3	6.7	8.5	9.2	8.6	9.1	5.1
24	10.3	10.1	10.2	10.8	11.8	11.6	11.3	10.6	11.2	10.6	10.3	9.2	8.5	8.5	8.5	10.3	11.4	10.5	12.2	12.2	11.5	9.7	9.7	8.6	10.4
25	8.8	10.4	10.3	10.6	10.3	6.7	7.8	8.9	10.4	11.1	12.4	12.5	12.3	12.2	11.2	9.6	9.8	9.6	9.2	9.4	8.9	8.4	7.0	5.0	9.7
26	6.0	6.6	5.5	6.7	6.9	5.8	6.5	6.2	7.7	6.7	5.8	4.0	3.2	2.8	2.3	2.5	2.6	1.3	6.1	2.2	4.0	3.7	4.2	4.2	4.6
27	5.0	5.1	5.1	6.1	5.6	4.8	4.9	4.5	5.9	6.7	5.6	4.9	4.1	3.6	4.0	3.6	2.5	0.7	0.9	2.5	2.7	4.5	7.9	6.0	4.5
28	5.7	5.5	6.3	8.2	6.6	10.2	10.6	9.8	9.1	8.5	7.7	7.0	6.7	6.1	5.6	5.9	4.9	5.0	6.4	6.7	7.0	4.6	5.5	5.6	6.9
29	4.6	5.1	7.9	5.6	4.5	4.6	3.6	4.8	7.2	5.9	6.6	5.7	4.0	2.5	2.0	1.6	1.6	1.0	2.3	3.0	2.3	3.6	1.3	0.7	3.6
30	4.9	7.6	9.9	10.1	11.1	11.4	10.3	8.9	7.0	8.2	8.0	8.0	8.8	10.3	9.9	10.1	10.7	9.6	9.1	9.4	9.4	9.5	7.9	5.9	9.0
31	5.6	4.0	4.4	4.9	5.7	3.5	3.0	4.7	5.5	6.5	6.0	5.2	7.9	8.6	7.8	6.6	5.9	5.6	5.0	5.0	5.1	5.0	4.6	5.4	5.6
AVG	5.6	6.1	6.3	6.7	6.5	6.1	5.8	6.1	7.2	7.1	7.5	7.2	6.9	6.8	6.7	6.3	6.0	5.0	6.0	6.4	6.3	5.8	5.1	5.1	6.3
STD	2.3	3.2	3.0	2.7	2.9	3.0	2.7	2.6	3.0	3.0	2.6	2.6	2.7	2.9	2.7	2.0	3.1	2.7	3.0	3.0	2.9	2.5	2.3	1.9	2.1
MAX	11.3	14.0	13.7	14.1	13.6	14.3	14.2	13.5	12.4	12.1	12.4	12.5	12.3	12.3	11.0	11.6	11.4	10.5	12.2	12.2	12.9	11.0	10.4	9.1	10.6
MIN	1.7	1.0	1.9	1.6	1.7	2.6	3.0	2.1	1.1	1.2	2.5	2.5	2.3	2.3	2.3	1.6	1.6	0.7	0.1	0.9	1.6	2.2	1.3	0.7	3.1

RAS GOLLAN,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	2.0	0.4	2.0	4.0	5.0	5.4	7.0	7.9	7.2	5.6	4.0	5.6	5.7	6.0	5.5	4.7	4.1	6.1	6.3	7.3	6.4	5.0	6.3	5.1	5.3
2	3.9	3.1	3.6	7.3	8.0	9.2	9.1	8.6	8.2	6.7	6.4	7.9	7.7	7.0	6.8	5.6	5.5	4.0	4.1	3.9	4.6	3.2	3.8	3.1	6.1
3	3.2	3.0	4.1	4.1	4.2	4.7	4.9	8.0	7.9	7.9	7.4	7.3	7.6	7.5	7.4	7.6	7.4	6.3	5.1	5.0	4.7	3.6	3.0	3.6	5.7
4	4.1	2.8	1.3	1.6	1.6	4.4	5.4	4.6	2.7	2.7	3.2	4.1	3.6	3.7	5.1	3.1	3.8	2.3	2.8	3.7	3.2	2.9	1.5	1.3	3.1
5	1.1	2.3	1.9	0.3	1.6	2.2	2.3	2.0	3.7	4.5	5.4	6.9	7.0	6.9	5.1	5.6	5.1	5.0	3.9	3.5	3.9	3.6	3.1	2.7	3.7
6	3.2	4.0	4.6	4.6	4.9	4.9	4.4	5.1	6.1	5.9	6.4	6.8	7.0	8.6	6.1	5.3	4.1	3.5	3.6	3.1	3.8	3.6	3.9	4.9	4.9
7	5.0	5.8	6.3	7.2	7.0	8.6	7.6	9.9	10.4	10.2	10.7	10.7	11.2	10.5	10.7	10.5	9.3	8.6	7.8	8.2	5.5	3.6	3.1	5.0	8.0
8	4.6	5.1	6.4	6.6	6.1	6.8	7.5	9.3	9.6	9.8	9.9	10.5	10.8	10.8	10.5	10.4	8.9	8.0	6.8	5.6	5.6	4.5	2.5	2.7	7.5
9	3.0	3.0	5.5	6.1	6.7	6.6	8.6	11.3	12.9	12.7	11.7	11.5	11.0	9.9	10.4	9.6	8.9	8.8	7.3	6.7	6.9	4.6	4.9	5.3	8.1
10	5.6	6.0	6.7	8.7	9.5	8.0	7.4	11.1	11.6	10.1	10.8	11.1	10.6	11.2	11.2	10.7	9.6	9.3	7.7	7.5	6.0	4.6	5.7	4.6	8.6
11	6.0	5.6	6.3	6.0	7.6	6.5	9.8	11.6	13.2	13.2	13.1	12.6	12.6	10.8	9.5	9.3	8.9	8.4	7.3	5.9	4.2	3.5	5.1	5.6	8.6
12	5.5	6.4	5.1	6.0	6.8	7.4	7.0	8.7	9.6	8.0	7.0	5.9	5.4	4.6	3.9	4.8	6.0	6.9	6.0	3.6	3.6	3.1	2.5	1.5	5.7
13	1.3	1.8	3.1	2.7	2.5	1.1	1.7	2.5	2.8	2.9	3.7	4.9	5.0	4.1	3.7	2.9	2.9	1.6	0.7	0.1	0.1	0.1	0.0	1.1	2.2
14	3.6	3.4	1.5	1.9	2.6	2.6	2.0	0.7	3.4	5.4	5.5	5.7	5.5	5.9	5.8	6.3	6.5	6.1	5.5	4.0	3.4	3.1	3.6	3.1	4.0
15	4.2	4.8	5.6	6.9	6.4	7.5	6.6	5.7	6.3	7.7	7.7	7.4	7.4	6.5	5.6	5.4	4.7	3.8	4.5	3.9	3.0	2.2	2.5	3.6	5.5
16	3.5	3.7	3.2	4.9	4.4	4.2	5.5	7.2	7.3	6.7	5.7	5.6	5.0	4.7	4.4	3.5	3.4	2.3	1.2	1.0	2.7	1.6	2.7	2.6	4.0
17	1.2	2.3	2.0	3.6	3.6	2.0	0.4	1.2	2.1	2.3	3.2	3.7	4.4	3.7	2.6	2.7	2.6	2.1	1.2	1.0	1.1	2.7	1.5	0.2	2.2
18	2.1	3.7	4.0	3.1	2.6	2.3	1.5	0.4	0.0	2.1	2.7	3.5	3.7	3.2	2.9	2.9	2.1	2.2	1.0	0.0	0.0	0.0	1.3	1.9	2.1
19	2.2	3.1	5.3	4.4	4.4	5.0	6.4	8.9	9.8	10.2	9.5	9.7	9.8	9.5	8.7	7.7	7.6	6.9	4.4	4.2	3.4	2.1	2.5	2.9	6.2
20	3.4	3.9	4.0	4.7	5.0	5.5	6.6	6.3	6.2	9.4	9.5	6.3	7.3	6.1	5.5	4.9	4.9	3.8	2.3	2.7	3.2	2.8	2.8	2.8	5.2
21	3.6	3.5	3.6	3.5	3.7	3.6	3.2	2.0	3.6	3.5	3.7	4.8	5.1	5.7	5.4	5.6	5.9	4.9	3.0	1.2	2.6	2.6	2.2	5.8	3.6
22	6.7	4.7	4.9	4.7	3.0	6.0	6.4	9.1	6.9	7.5	7.6	7.2	6.8	5.9	5.4	5.3	4.8	2.6	1.2	0.7	0.8	0.3	0.0	1.2	4.5
23	1.9	2.0	2.5	2.9	4.5	4.6	5.9	5.6	6.1	6.9	7.3	7.6	8.4	8.4	7.7	7.2	6.0	5.0	2.6	1.9	0.7	1.7	2.7	2.9	4.7
24	2.2	2.6	2.6	2.6	2.5	3.5	3.1	0.9	1.2	3.9	4.9	5.9	6.9	7.2	7.6	7.3	6.6	6.1	5.7	2.9	4.2	4.9	7.4	5.6	4.5
25	5.3	4.7	4.5	2.9	2.8	3.1	2.0	0.7	0.8	5.3	6.0	6.3	6.4	6.6	7.5	7.5	4.9	3.5	1.1	2.0	3.5	4.4	4.9	5.1	4.3
26	4.7	3.2	3.4	5.8	5.5	6.7	7.8	8.9	9.1	9.8	10.8	10.7	10.6	9.5	8.4	7.8	7.3	7.0	5.3	4.2	5.6	2.7	4.0	5.1	6.8
27	6.8	6.7	6.5	6.1	6.3	5.6	7.2	9.7	11.1	10.8	10.4	9.8	10.3	9.8	9.6	8.9	8.6	7.7	6.0	5.3	5.0	4.9	4.0	4.0	7.6
28	4.6	5.3	4.6	4.7	4.2	5.3	4.4	5.9	10.1	10.7	8.4	7.9	7.9	7.3	8.0	6.5	7.6	6.3	6.1	5.8	6.5	5.0	4.0	3.4	6.2
29	2.6	2.7	4.9	4.7	5.1	5.9	5.4	6.5	8.2	8.7	6.8	7.6	6.5	5.7	6.4	6.3	5.5	4.5	3.6	4.1	4.1	2.9	3.6	3.0	5.1
30	1.6	2.7	3.8	3.6	3.7	3.5	2.8	3.6	4.7	5.7	5.3	5.0	4.2	3.9	3.1	3.0	2.7	3.5	3.1	3.6	3.5	2.8	2.0	1.7	3.4
AVG	3.6	3.8	4.1	4.6	4.8	5.1	5.4	6.2	6.8	7.2	7.2	7.4	7.4	7.0	6.6	6.3	5.8	5.2	4.2	3.8	3.7	3.1	3.2	3.4	5.3
STD	1.6	1.5	1.5	1.9	2.0	2.0	2.4	3.5	3.5	3.0	2.7	2.4	2.5	2.3	2.4	2.4	2.2	2.2	2.2	2.2	1.8	1.4	1.6	1.6	1.8
MAX	6.8	6.7	6.7	8.7	9.5	9.2	9.8	11.6	13.2	13.2	13.1	12.6	12.6	11.2	11.2	10.7	9.6	9.3	7.6	8.2	6.9	5.0	7.4	5.6	8.6
MIN	1.1	0.4	1.3	0.3	1.6	1.1	0.4	0.4	0.0	2.1	2.7	3.5	3.6	3.2	2.6	2.7	2.1	1.6	0.7	0.0	0.0	0.0	0.0	0.2	2.1

RAS GOLLAN,EGYPT MAY 1985 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	1.6	1.6	3.2	4.2	3.2	3.7	3.0	2.5	3.6	4.4	5.3	5.7	5.8	5.7	5.3	5.0	6.0	4.9	3.6	1.9	0.6	0.0	1.6	5.5	3.7
2	6.3	4.8	5.6	6.4	7.2	7.9	8.4	8.7	10.2	9.3	8.9	8.9	9.4	8.8	7.4	7.4	6.6	6.1	6.6	6.1	6.0	5.9	5.8	6.1	7.3
3	6.1	5.6	4.4	7.4	6.6	6.7	7.8	9.3		10.3	9.9	8.9	6.5	8.3	7.6	6.9	6.1	5.5	5.0	3.6	3.7	4.0	2.5	3.4	6.2
4	3.0	4.2	3.2	4.2	4.2	5.4	5.3	9.2	9.1	7.9	7.6	7.4	6.5	6.1	5.3	4.7	4.6	5.3	3.9	3.4	3.4	2.6	4.0	1.1	5.1
5	1.9	1.6	3.6	4.5	4.0	5.6	6.1	7.8	7.4	6.0	4.4	3.9	4.0	3.4	2.0	1.9	1.5	1.7	0.3	0.0	0.0	0.1	0.0	0.5	3.0
6	0.0	0.0	0.0	0.0	0.9	1.9	2.6	2.3	2.7	3.7	4.6	4.7	4.6	3.7	3.5	4.6	3.0	2.6	2.5	1.0	2.9	2.7	2.1	1.6	2.5
7	0.2	1.9	2.2	1.3	2.1	1.3	0.4	1.7	2.3	3.2	3.0	3.2	4.2	4.1	4.4	3.6	2.5	2.2	2.5	2.5	2.5	2.0	2.3	1.7	2.4
8	1.3	2.5	3.0	2.6	2.6	2.1	1.3	2.6	3.7	3.8	4.0	4.0	4.1	3.7	3.1	3.4	4.5	4.7	4.5	4.7	3.7	2.9	2.6	2.2	3.2
9	1.2	0.6	1.5	2.2	3.6	3.9	3.5	5.3	6.7	6.7	7.0	6.6	6.3	6.4	5.7	5.4	4.9	2.6	2.3	1.8	2.6	2.6	2.1	1.0	3.9
10	0.7	1.6	3.5	4.2	3.1	2.3	2.6	1.2	2.9	3.9	4.6	4.5	4.2	5.3	5.0	5.9	6.5	5.6	3.5	2.5	2.9	4.8	3.2	2.1	3.6
11	2.3	1.6	2.0	2.3	2.2	3.6	2.6	3.6	3.9	3.6	3.5	3.4	5.6	5.8	5.0	6.1	5.3	6.7	9.1	8.8	4.1	2.8	5.1	3.7	4.3
12	2.9	1.0	1.2	0.4	2.9	4.9	5.1	5.7	6.1	6.0	6.3	6.4	6.3	6.1	5.3	5.7	4.5	4.2	2.6	2.1	2.8	4.6	3.0	3.4	4.2
13	3.9	3.7	3.5	2.9	3.6	4.0	6.6	6.8	7.5	7.4	7.0	7.0	7.5	6.0	5.4	5.1	5.0	4.7	4.6	3.7	3.9	3.5	3.8	4.0	5.2
14	3.1	2.8	3.0	3.9	4.0	5.9	6.5	6.9	7.3	7.5	7.5	7.5	7.4	6.8	7.3	6.6	5.9	5.4	4.6	3.8	3.5	2.9	2.0	1.5	5.2
15	2.6	3.1	3.0	3.6	3.8	4.6	5.5	7.6	7.4	7.5	7.5	7.6	7.7	7.8	7.3	6.6	5.1	5.0	4.7	4.4	4.1	3.8	4.1	4.4	5.4
16	4.4	3.9	4.2	4.9	5.4	5.6	6.4	0.9	9.5	9.5	9.2	8.4	8.4	7.6	7.3	6.6	5.0	5.8	5.1	3.9	4.4	5.4	4.0	3.6	6.1
17	3.5	3.7	3.9	3.9	4.8	4.6	5.6	8.7	9.6	7.7	7.9	6.8	8.3	6.5	5.5	5.6	6.1	6.1	6.1	4.8	4.4	3.9	3.6	3.7	5.6
18	3.2	3.5	3.2	3.1	2.9	4.1	2.0	3.9	6.1	5.9	6.0	7.0	8.8	7.0	5.3	5.1	5.4	4.9	3.9	2.1	1.9	1.7	2.2	2.0	4.1
19	1.2	1.6	2.9	3.6	2.7	3.0	5.6	7.9	9.1	8.0	8.6	8.7	8.2	6.3	6.7	5.9	6.3	5.5	4.0	3.0	3.4	2.7	2.0	2.2	5.8
20	0.6	0.3	0.0	0.2	1.3	3.7	2.3	1.0	2.3	5.3	6.7	8.7	6.0	5.6	4.4	3.2	2.9	1.7	0.7	0.8	0.6	0.1	0.7	2.1	2.5
21	0.0	3.1	2.9	0.4	3.6	4.9	4.6	6.0	4.9	6.4	7.4	6.9	6.8	5.4	6.8	6.6	6.0	6.4	6.4	4.4	2.6	0.6	1.8	2.5	4.4
22	3.2	3.2	3.6	4.9	5.4	5.4	6.3	9.2	8.4	6.8	7.3	7.8	6.7	6.1	5.3	5.1	4.0	4.9	4.2	3.4	3.2	3.5	0.7	0.7	5.0
23	0.3	1.1	1.5	1.1	1.8	3.1	2.9	1.5	1.9	2.7	3.4	3.9	3.9	3.8	3.4	2.9	1.9	1.7	0.7	1.0	1.9	3.1	2.1	2.2	2.2
24	1.5	0.3	0.6	0.6	1.2	2.6	0.6	2.8	4.0	5.6	7.0	7.4	7.8	6.6	5.7	6.4	7.3	7.2	6.3	5.6	5.9	5.4	7.0	7.7	4.7
25	6.6	7.6	7.8	7.8	8.6	9.4	11.4	12.1	10.6	9.8	8.9	9.4	6.6	7.0	6.9	8.7	6.6	6.3	3.7	4.6	4.9	5.0	5.6	4.4	7.5
26	4.9	5.9	6.1	8.8	9.2	9.5	11.8	12.2	12.7	12.3	11.3	10.8	10.2	9.8	8.9	7.9	7.5	7.6	5.5	5.0	3.6	5.0	5.4	5.9	8.2
27	5.5	3.9	4.6	5.0	5.7	5.6	6.1	8.5	8.0	9.1	9.5	7.9	6.0	5.4	6.0	6.6	7.2	6.3	4.6	5.3	4.0	3.5	2.6	2.6	5.9
28	6.9	1.3	1.6	2.2	1.5	1.9	2.0	1.7	1.9	2.6	2.3	2.1	2.7	3.5	4.6	4.2	3.1	2.3	5.4	6.1	3.8	4.2	4.9	4.5	3.6
29	3.4	2.9	2.1	2.9	5.4	5.4	4.2	6.3	6.4	7.8	6.9	6.5	5.6	6.1	6.0	6.1	6.4	7.4	7.5	6.8	7.2	6.7	8.3	7.4	5.9
30	5.3	6.9	6.4	6.7	5.9	5.9	8.0	7.7	7.9	8.5	8.7	9.1	9.6	9.0	9.7	10.1	8.8	8.8	4.9	5.9	4.8	3.2	3.7	2.6	7.0
31	3.1	4.2	4.8	5.7	6.9	7.0	7.5	6.5	7.8	9.2	9.6	8.7	8.4	9.1	9.6	9.7	9.5	8.8	7.6	5.5	5.5	4.1	3.5	4.2	7.0
AVG	2.7	3.0	3.2	3.6	4.1	4.7	5.1	6.1	6.2	6.7	6.8	6.7	6.6	6.2	5.9	5.8	5.4	5.1	4.4	3.8	3.5	3.3	3.3	3.2	4.8
STD	1.9	1.9	1.6	2.3	2.1	2.0	2.7	3.2	3.1	2.4	2.3	2.1	1.8	1.7	1.7	1.8	1.6	1.0	2.0	1.9	1.8	1.6	1.8	1.9	1.6
MAX	6.6	7.6	7.8	8.6	9.2	9.5	11.6	12.2	12.7	12.3	11.3	10.6	10.2	9.8	9.7	10.1	9.5	8.8	9.1	8.6	7.2	6.7	8.3	7.7	8.2
MIN	0.0	0.0	0.0	0.0	0.9	1.3	0.4	1.2	1.9	2.6	2.3	2.1	2.7	3.4	2.0	1.9	1.5	1.7	0.3	0.0	0.0	0.0	0.0	0.0	2.2

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RAS GOLLAN,EGYPT JUNE 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.3	6.1	6.7	7.4	6.7	7.9	9.2	11.4	11.0	12.2	12.5	11.3	11.5	10.4	10.3	10.1	9.7	9.5	8.6	7.8	7.5	6.5	6.6	6.5	8.9
2	6.7	6.8	7.3	6.4	8.4	8.0	9.7	10.5	11.0	11.7	12.1	11.0	11.1	10.4	9.3	7.7	8.0	7.3	5.9	4.9	6.1	5.3	3.5	3.6	8.1
3	2.5	1.6	1.8	1.9	2.0	5.3	4.1	5.9	6.1	8.0	8.0	8.5	5.6	4.5	6.6	7.6	6.9	6.4	2.7	0.2	1.1	2.6	2.5	3.0	4.4
4	4.1	4.4	4.7	3.2	1.1	2.0	3.0	6.5	9.5	6.5	6.7	5.7	6.9	5.6	6.1	6.0	4.5	4.7	4.6	3.8	3.5	2.8	3.7	4.0	4.7
5	4.4	4.9	4.4	5.6	6.4	8.7	10.7	11.0	10.3	8.6	7.9	6.6	6.2	7.2	6.7	6.9	6.8	6.5	5.8	5.0	4.5	3.5	5.4	6.1	6.8
6	4.9	5.9	6.7	6.3	7.8	8.7	10.5	12.4	11.5	10.5	10.3	9.1	9.6	8.7	7.3	6.5	8.3	6.4	6.4	5.8	4.2	6.4	5.6	6.5	7.9
7	6.9	6.6	7.3	7.7	7.5	6.1	7.6	10.3	9.6	10.3	8.9	7.6	7.4	7.7	8.8	7.5	6.1	6.9	5.8	4.2	3.8	3.1	1.8	1.3	6.7
8	1.1	2.7	4.9	5.9	6.4	6.0	5.9	6.7	7.8	8.5	8.6	8.4	8.4	7.7	8.0	6.8	7.3	6.8	6.5	4.1	3.8	4.4	4.6	3.6	6.1
9	3.1	3.6	3.5	4.9	6.0	5.6	5.4	6.5	6.7	5.4	6.6	7.2	6.9	6.9	7.4	6.7	7.2	6.5	5.7	4.4	3.1	3.0	2.6	1.8	5.4
10	1.2	0.7	1.8	2.8	3.6	4.8	6.3	7.6	7.0	6.1	6.7	6.4	4.8	5.7	4.4	3.7	3.6	3.9	2.7	2.6	2.3	1.0	2.2	2.1	3.9
11	2.0	2.5	3.1	2.8	3.5	5.1	6.5	7.7	7.9	6.9	6.8	6.1	5.5	4.7	4.0	2.5	1.8	1.5	0.4	0.4	0.4	0.3	1.0	2.7	3.6
12	2.9	1.3	1.6	2.2	0.4	2.2	2.1	3.2	5.6	6.3	5.9	5.6	5.8	6.0	4.9	4.0	2.7	3.8	3.0	2.8	3.1	2.8	1.1	2.2	3.4
13	2.2	3.4	4.2	4.8	5.1	7.6	9.8	12.1	11.0	10.3	9.7	8.9	8.8	8.4	8.6	8.2	9.2	8.4	7.2	7.2	6.3	6.3	6.0	6.7	7.6
14	6.3	6.5	8.7	10.5	12.2	12.2	12.5	12.6	13.1	13.1	12.5	11.7	10.2	11.6	10.1	8.8	10.4	9.3	7.0	6.6	6.0	6.4	6.9	9.3	9.6
15	9.8	10.4	8.5	7.0	8.0	11.5	13.2	12.4	11.7	11.2	10.8	10.1	9.3	9.6	9.1	7.8	7.9	7.8	5.1	5.0	5.4	5.1	4.9	5.0	8.6
16	5.9	6.8	7.2	6.3	7.4	6.1	6.6	7.2	6.6	5.7	6.3	6.0	6.3	5.7	6.6	5.8	4.1	3.2	2.1	0.7	0.0	0.0	1.6	3.1	4.9
17	1.7	0.6	1.5	3.1	3.7	3.6	1.6	3.4	5.5	5.9	6.6	6.6	6.4	6.1	6.6	5.4	4.8	4.4	4.6	4.2	3.7	2.5	1.0	0.8	3.9
18	1.6	2.2	4.1	4.1	5.6	5.1	3.5	2.9	4.8	5.4	5.6	5.8	6.5	7.3	6.3	4.2	3.8	2.8	2.7	2.3	2.1	1.9	1.2	1.6	3.9
19	2.0	0.3	1.9	2.7	2.6	2.1	1.5	1.2	2.7	2.6	3.5	3.2	2.7	4.2	4.9	4.4	3.5	2.6	0.8	0.0	0.9	1.5	2.6	2.9	2.4
20	3.5	2.6	1.2	2.1	4.9	5.1	4.5	6.5	7.6	8.2	7.7	7.6	6.4	5.1	4.1	4.6	5.8	6.5	5.6	4.1	4.9	5.0	5.4	5.1	5.2
21	5.3	7.2	6.7	5.6	6.4	8.5	9.3	9.7	9.1	8.5	7.9	7.7	7.5	6.8	6.4	5.7	5.5	4.8	4.2	3.9	3.9	3.7	3.0	3.2	6.3
22	3.4	3.6	4.1	4.1	3.9	3.6	3.3	4.0	4.5	4.6	4.7	4.7	4.5	4.0	2.6	2.1	3.4	3.2	3.0	3.2	2.7	1.5	2.0	1.7	3.4
23	0.1	1.0	1.3	2.7	4.4	4.0	2.0	2.3	2.5	3.2	2.1	2.3	4.1	4.2	4.8	4.6	5.3	5.5	4.4	3.2	2.2	1.7	1.2	2.6	3.0
24	4.6	4.6	3.0	2.5	3.0	3.6	3.7	5.6	8.4	9.9	9.2	9.5	8.8	8.2	7.4	6.7	8.4	6.6	5.8	4.4	4.4	5.1	4.6	4.6	5.8
25	4.5	4.2	3.7	2.2	2.7	3.6	4.7	6.8	9.3	8.5	7.8	7.5	6.9	6.0	5.6	4.7	4.8	4.2	4.1	3.6	4.2	4.0	4.2	4.0	5.2
26	4.5	4.8	3.8	3.1	3.2	3.1	5.1	9.2	11.5	11.4	9.7	8.3	8.2	7.9	7.5	7.2	7.4	6.9	7.3	5.9	5.0	4.2	4.2	4.8	6.4
27	4.6	5.0	5.6	4.7	5.4	6.0	6.5	8.8	11.0	10.0	10.3	11.4	10.4	9.9	8.6	7.8	7.6	7.0	6.9	6.1	5.1	5.4	3.7	4.4	7.2
28	5.8	7.2	5.7	4.0	4.0	6.1	7.6	7.7	8.7	9.6	9.6	8.5	8.4	7.8	8.7	6.4	6.3	5.5	5.0	5.7	5.9	5.5	5.3	5.6	6.8
29	7.4	6.1	5.6	5.4	6.6	8.1	7.5	9.6	9.8	11.2	10.6	9.9	8.7	9.4	9.2	7.4	6.7	6.1	6.1	4.6	3.9	3.5	3.6	4.1	7.1
30	6.0	6.0	7.4	7.7	9.8	10.6	11.2	11.3	10.3	9.2	9.1	8.4	7.0	8.4	7.0	6.3	6.1	5.8	4.4	3.4	3.2	3.6	4.5	3.6	7.1
AVG	4.1	4.3	4.6	4.7	5.3	6.0	6.5	8.0	8.5	8.3	8.2	7.7	7.5	7.2	6.9	6.1	6.1	5.7	4.8	4.0	3.8	3.6	3.6	3.9	5.8
STD	2.2	2.4	2.2	2.2	2.6	2.6	3.3	3.2	2.7	2.7	2.5	2.3	2.1	2.0	1.9	1.8	2.1	2.6	1.9	1.9	1.8	1.8	1.7	1.9	1.9
MAX	9.8	10.4	8.7	10.5	12.2	12.2	13.2	12.6	13.1	13.1	12.5	11.7	11.6	11.6	10.3	10.1	10.4	9.5	8.6	7.8	7.5	6.5	6.9	9.3	9.6
MIN	0.1	0.3	1.2	1.9	0.4	2.0	1.5	1.2	2.5	2.6	2.1	2.3	2.7	4.0	2.6	2.1	1.8	1.5	0.4	0.0	0.0	0.0	1.0	0.8	2.4

RAS GOLLAN,EGYPT JULY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.6	5.7	4.9	5.7	7.2	7.9	9.3	9.7	8.6	7.3	6.6	6.4	5.6	5.6	5.3	3.6	3.1	2.9	1.9	2.1	3.1	3.6	3.5	4.5	5.3
2	4.0	4.8	4.4	2.6	1.9	1.3	1.0	3.8	5.3	5.7	6.8	6.5	6.6	5.7	4.4	3.7	3.1	2.9	1.3	0.9	0.2	0.6	0.0	0.0	3.2
3	1.0	0.9	0.0	0.0	0.1	0.8	1.7	0.6	1.9	3.0	4.4	4.8	5.6	5.7	4.1	4.2	3.4	2.1	0.6	0.0	0.0	0.1	0.7	2.5	2.6
4	3.5	3.1	3.1	1.8	2.8	3.2	0.7	0.6	8.8	8.2	7.0	6.7	6.3	5.1	4.9	4.6	3.5	3.2	2.9	1.9	2.0	0.6	0.1	0.1	4.2
5	0.3	0.8	4.1	3.9	4.5	5.0	6.3	9.4	8.9	8.7	7.8	7.8	7.7	6.7	5.9	4.8	3.1	3.0	2.3	2.1	1.9	3.1	3.1	2.0	4.8
6	1.8	1.8	2.0	3.0	4.9	4.9	4.4	5.8	5.7	7.5	6.4	5.9	6.5	6.1	5.3	3.9	3.9	2.2	1.6	1.6	2.1	2.0	2.3	1.9	3.9
7	1.8	1.9	2.1	2.1	1.3	3.7	4.7	5.5	6.1	6.1	5.7	6.5	6.7	5.8	5.3	4.4	3.8	2.6	2.0	1.5	1.5	1.2	1.1	0.2	3.5
8	1.8	2.2	1.8	2.3	3.6	4.0	3.7	6.8	7.0	7.7	7.7	7.7	7.2	6.5	6.5	6.3	5.8	5.8	4.0	3.5	3.5	2.9	3.0	2.8	4.8
9	0.7	0.8	4.4	4.5	5.4	6.1	5.5	7.3	8.2	6.9	6.6	7.4	7.0	6.8	5.4	4.9	4.1	4.0	3.5	2.7	2.5	2.8	1.7	2.0	4.6
10	3.7	4.4	3.9	4.5	5.4	6.8	8.7	10.7	10.4	8.9	8.0	7.7	7.3	6.3	5.9	5.0	4.6	4.6	4.7	3.9	3.2	3.1	3.4	3.8	5.8
11	4.1	4.6	4.8	4.2	4.5	3.4	3.9	3.7	4.5	5.9	7.9	7.9	6.1	5.0	4.1	3.6	3.1	2.9	2.2	1.7	0.1	0.3	0.2	0.9	3.7
12	2.7	2.2	2.1	3.2	3.0	2.9	1.6	1.6	3.0	2.8	3.1	3.6	3.7	3.4	3.9	2.6	2.0	2.6	1.7	0.8	0.2	0.0	0.2	2.2	2.4
13	2.9	2.2	2.6	1.5	2.3	4.2	3.1	3.1	2.7	2.9	3.1	3.4	3.2	3.4	3.0	2.3	1.7	1.2	0.7	0.6	0.0	1.8	2.7	1.7	2.3
14	1.0	0.6	0.4	1.9	2.8	2.2	2.1	2.1	4.5	3.0	2.2	3.2	4.0	3.4	3.0	2.8	3.2	3.6	2.5	2.0	2.0	0.6	0.6	2.2	2.3
15	4.4	4.6	2.3	2.6	4.0	5.4	5.1	5.3	4.4	4.5	4.7	5.9	5.8	5.3	4.9	4.2	4.0	2.9	3.0	3.6	3.0	3.6	3.9	3.6	4.2
16	3.8	3.7	3.7	4.5	4.9	5.4	4.2	5.6	5.6	7.6	7.9	9.7	9.6	8.8	7.2	7.8	7.4	6.7	5.4	4.1	2.8	2.6	2.6	1.9	5.6
17	1.7	3.2	4.4	6.0	6.0	5.9	4.7	7.6	8.8	5.9	6.6	5.9	6.7	7.5	6.5	7.8	6.8	5.8	5.3	3.6	2.6	2.7	3.8	4.8	5.4
18	4.4	3.6	4.7	4.1	4.8	7.4	8.8	10.4	9.2	9.3	8.7	9.1	9.2	8.5	6.8	8.7	5.6	4.4	3.5	2.1	2.3	2.8	3.0	3.5	5.9
19	3.7	3.7	3.7	3.2	3.9	3.4	1.1	1.5	5.8	7.3	7.6	7.7	6.9	6.4	4.9	4.1	2.9	1.8	0.7	0.1	0.0	0.0	0.3	0.8	3.4
20	1.5	1.7	3.4	3.0	2.1	0.7	0.3	0.7	3.0	3.9	4.1	3.7	3.7	4.0	4.4	4.4	4.4	3.5	1.9	0.6	0.1	0.1	0.2	0.1	2.3
21	0.8	2.1	3.0	3.0	3.0	2.0	0.2	0.9	1.9	2.9	4.1	6.6	7.2	6.6	6.7	6.4	5.6	4.0	2.5	1.6	2.1	2.1	1.7	1.1	3.2
22	0.6	1.9	0.7	0.7	0.6	1.3	0.7	0.7	2.6	3.9	3.8	4.[illegible]	5.3	3.7	3.0	3.1	3.2	4.6	3.6	2.7	2.3	2.6	2.5	2.9	2.6
23	3.1	2.6	3.2	2.7	2.7	1.8	0.8	3.0	4.7	6.9	7.0	6.4	6.3	5.9	5.6	4.7	5.0	4.5	3.6	3.5	2.0	2.2	0.2	6.3	3.7
24	0.6	0.4	2.3	0.6	1.0	0.6	1.2	4.2	4.9	5.7	5.0	5.1	4.7	4.2	3.4	2.9	2.0	0.4	0.3	0.0	0.1	0.2	2.0	2.3	2.3
25	0.7	0.2	1.6	1.5	1.9	2.3	4.0	7.9	7.3	5.6	6.1	6.4	5.7	5.1	4.6	4.4	4.4	3.9	3.7	2.2	2.3	2.3	2.3	3.0	3.7
26	2.2	0.4	2.9	3.1	2.1	3.6	3.0	4.5	7.0	7.3	8.6	8.9	8.6	8.0	7.4	6.3	4.9	4.1	3.4	2.6	3.2	3.2	3.0	3.1	4.7
27	2.9	2.9	1.8	1.6	3.6	3.7	3.4	3.4	4.5	6.8	8.8	7.4	7.3	7.5	7.8	7.3	6.5	5.9	4.8	4.0	4.5	4.4	3.7	4.0	4.9
28	4.4	4.2	4.9	3.7	2.6	4.7	6.1	9.4	9.9	8.6	8.4	8.2	8.3	7.9	6.5	5.1	3.0	4.2	3.5	2.7	3.9	4.2	3.5	3.2	5.5
29	2.5	0.1	0.0	1.7	2.7	3.1	3.5	3.8	6.0	5.3	5.5	5.1	5.3	4.0	3.5	3.6	3.1	2.7	1.5	0.2	0.0	0.2	0.1	0.0	2.8
30	0.1	0.0	0.2	0.0	1.6	4.4	6.9	6.8	7.2	6.9	7.2	7.2	6.0	4.9	4.0	4.0	4.0	3.4	2.3	2.2	3.4	2.6	3.5	3.6	4.0
31	3.5	3.2	4.1	5.3	4.5	4.4	2.1	1.6	5.5	6.6	7.7	8.0	7.8	6.8	6.4	5.1	4.6	3.7	3.2	2.6	2.3	3.1	3.6	3.0	4.6
AVG	2.4	2.4	2.8	2.9	3.3	3.8	3.9	5.0	5.9	6.1	6.3	6.5	6.3	5.8	5.2	4.7	4.1	3.6	2.7	2.1	1.9	2.0	2.0	2.3	3.9
STD	1.4	1.5	1.5	1.5	1.6	1.9	2.6	3.1	2.3	1.9	1.8	1.7	1.5	1.5	1.3	1.4	1.3	1.4	1.3	1.2	1.3	1.4	1.4	1.4	1.2
MAX	4.4	5.7	4.9	6.0	7.2	7.9	9.3	10.7	10.4	9.3	8.7	9.7	9.6	8.5	7.6	7.8	7.4	6.7	5.4	4.1	4.5	4.4	3.9	4.8	5.9
MIN	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.7	1.9	2.8	2.2	3.2	3.2	3.4	3.0	2.3	1.7	0.4	0.3	0.0	0.0	0.0	0.0	0.0	2.0

RAS GOLLAN,EGYPT AUGUST 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.1	3.9	3.9	3.6	5.3	4.6	4.8	6.1	6.3	6.1	6.4	6.7	7.0	6.6	4.8	4.1	3.1	1.8	1.5	1.2	0.6	0.6	2.6	3.9	4.2
2	4.5	4.0	3.8	3.9	3.9	3.6	3.1	2.7	3.9	4.7	4.7	5.5	5.5	5.5	3.9	3.9	2.9	2.2	2.0	1.6	1.3	1.1	2.6	2.3	3.5
3	2.0	1.2	3.0	3.6	3.1	3.5	3.1	2.2	3.7	4.5	6.6	4.7	3.5	2.7	2.6	2.6	1.2	1.3	0.1	0.6	1.9	1.1	2.1	2.6	2.6
4	3.7	4.1	3.5	2.3	3.0	4.0	2.9	1.6	3.0	5.7	5.0	6.7	6.0	4.6	4.6	3.9	2.3	2.1	0.9	0.7	1.2	0.9	1.6	3.1	3.2
5	1.6	3.2	3.2	2.8	1.3	1.0	2.0	2.8	4.6	5.3	5.6	7.0	6.9	6.3	4.2	2.6	2.7	1.9	1.2	0.2	0.6	6.3	0.1	6.3	2.8
6	2.2	0.2	1.3	2.3	2.1	2.9	4.7	6.3	6.0	6.7	6.1	5.5	6.0	3.9	3.9	3.5	3.7	3.5	3.1	2.6	1.6	1.5	2.5	1.0	3.4
7	1.6	2.2	2.7	2.7	1.3	0.1	2.0	4.2	4.7	5.1	5.4	6.5	5.9	5.0	4.1	4.0	3.8	3.5	2.8	2.2	3.0	3.0	3.1	3.5	3.4
8	3.6	3.4	2.9	3.0	3.9	5.6	5.3	7.6	8.6	9.4	7.6	7.4	7.2	6.9	6.3	5.7	5.1	4.2	3.5	2.0		2.7	2.7	3.2	5.1
9	4.2	4.4	5.1	4.4	3.0	3.8	3.9	6.6	7.3	6.4	6.6	6.3	6.6	5.7	4.6	2.7	2.5	2.0	1.8	0.6	1.1	0.3	0.7	0.0	3.6
10	0.6	1.6	1.0	0.6	0.9	0.8	4.1	5.6	6.0	7.0	6.6	5.5	4.8	4.6	4.2	3.8	3.2	2.6	2.2	2.0	1.8	2.2	2.3	2.0	3.2
11	2.0	0.3	0.1	1.1	2.3	2.7	1.0	4.6	7.7	7.3	7.5	8.2	7.5	6.9	5.3	5.1	4.4	3.9	2.9	2.7	2.3	2.2	1.7	0.3	3.6
12	1.0	2.2	3.1	2.9	4.0	4.4	4.4	6.3	5.9	5.4	5.0	8.0	8.2	8.0	5.7	5.1	4.2	2.2	1.9	1.8	2.2	1.9	1.6	2.6	4.1
13	2.9	3.5	4.1	3.8	3.0	2.7	2.6	2.2	2.2	3.6	4.7	4.8	5.5	4.0	3.8	4.0	3.6	3.4	2.9	2.7	2.2	1.6	3.1	2.2	3.3
14	1.9	2.7	3.6	3.9	2.9	3.9	3.5	6.0	7.3	6.1	7.2	8.2	8.6	6.3	4.8	2.8	3.6	4.2	4.1	3.4	2.5	2.0	1.9	2.9	4.4
15	3.4	3.5	4.2	4.6	3.5	4.1	3.8	4.0	4.4	5.6	8.2	8.9	8.4	7.5	6.7	5.3	5.4	5.6	4.8	3.9	3.5	2.8	1.8	2.7	4.9
16	3.4	3.8	3.9	2.7	2.7	4.0	2.9	3.8	5.7	6.0	7.3	8.2	7.6	6.1	6.0	5.1	5.0	4.7	3.8	3.7	3.6	3.7	2.7	3.5	4.6
17	3.0	2.9	1.8	1.5	2.0	4.0	4.5	4.6	5.6	5.3	5.5	6.8	6.9	5.9	5.5	4.2	4.4	3.7	3.6	2.9	3.7	3.7	2.6	3.1	4.1
18	3.1	3.6	3.9	3.2	3.5	5.4	6.4	8.2	8.7	7.2	7.9	9.3	9.5	8.0	6.9	6.6	6.7	7.6	6.8	6.1	5.7	5.5	5.8	5.4	6.3
19	5.6	4.1	4.9	5.4	5.7	8.2	11.1	11.2	9.9	9.3	8.3	11.1	10.8	9.9	8.0	6.7	6.3	6.1	5.5	4.6	3.9	3.9	4.1	4.2	7.8
20	3.0	4.4	6.5	4.7	3.2	4.1	4.6	6.3	6.7	6.1	6.0	5.6	4.8	4.7	5.1	4.4	4.0	3.1	2.5	1.7	1.6	1.0	1.2	1.6	4.1
21	2.5	2.0	2.9	6.0	5.0	4.2	3.1	4.4	4.8	4.7	5.0	4.6	4.1	3.9	3.9	3.0	2.6	2.3	2.5	3.0	2.3	2.7	2.0	2.5	3.5
22	2.3	2.3	1.8	0.8	2.2	4.0	3.8	5.5	4.5	8.4	6.3	6.4	6.5	6.3	5.7	5.5	5.3	4.7	3.2	3.1	2.9	2.8	2.9	2.8	4.1
23	2.6	3.0	3.0	2.5	2.7	5.0	4.7	5.4	6.5	5.7	5.7	6.0	6.0	5.1	5.0	4.0	4.0	4.6	4.0	3.7	4.2	3.0	2.3	2.5	4.2
24	3.1	3.1	1.3	1.6	2.7	4.9	6.0	7.2	6.4	5.4	4.9	5.1	5.3	5.5	4.6	5.6	5.6	5.5	4.8	4.8	4.8	4.1	4.4	3.4	4.6
25	3.6	6.3	5.8	5.3	5.7	6.1	6.1	6.9	9.3	9.1	9.2	8.7	8.3	7.5	6.7	6.7	7.0	7.5	6.1	5.9	6.0	7.2	5.7	6.1	6.6
26	4.5	4.9	4.4	4.2	4.7	4.9	6.8	8.2	8.4	7.7	6.6	6.6	6.0	0.1	6.0	5.3	4.7	4.7	4.7	4.0	2.8	2.5	3.5	4.6	5.3
27	4.2	4.9	4.9	5.5	4.1	4.7	3.9	3.7	4.2	4.9	5.7	6.7	5.9	4.5	3.8	3.1	2.6	2.5	1.6	2.1	2.5	2.0	0.7	0.6	3.7
28	1.3	1.9	1.7	3.7	4.9	5.7	5.8	7.9	7.2	5.4	4.7	4.6	5.4	5.0	4.5	3.9	3.7	2.5	0.1	0.2	0.6	1.5	0.4	1.6	3.5
29	1.9	0.3	2.8	4.5	4.7	4.5	4.6	6.4	7.3	4.6	6.3	6.6	5.9	4.5	4.0	4.0	4.0	4.6	4.4	3.9	3.7	3.1	1.5	2.1	4.2
30	2.1	3.0	4.6	5.9	6.3	7.4	9.7	14.0	14.1	10.8	11.4	10.1	9.1	7.9	7.2	6.8	7.4	7.3	6.7	6.0	5.9	5.0	5.6	5.5	7.5
31	4.7	5.4	6.2	10.8	7.9	7.8	8.5	8.2	9.2	10.8	12.2	11.5	10.6	10.8	9.6	9.4	8.3	8.8	7.7	7.5	8.0	7.3	5.4	5.1	8.5
AVG	2.9	3.1	3.5	3.7	3.6	4.3	4.7	5.8	6.4	6.4	6.6	7.0	6.0	6.1	5.3	4.6	4.3	4.0	3.3	3.0	2.9	2.7	2.6	2.8	4.4
STD	1.2	1.4	1.7	1.9	1.6	1.7	2.1	2.6	2.4	1.6	1.8	1.8	1.0	1.0	1.5	1.5	1.6	1.9	1.9	1.8	1.8	1.8	1.5	1.5	1.4
MAX	5.6	6.3	9.2	10.8	7.9	8.2	11.1	14.0	14.1	10.8	12.2	11.5	10.6	10.8	9.6	9.4	8.3	8.8	7.7	7.5	8.0	7.3	5.6	6.1	8.5
MIN	0.6	0.2	0.1	0.6	0.9	0.1	1.6	1.6	2.2	3.6	4.7	4.6	3.5	2.7	2.6	2.6	1.2	1.3	0.1	0.2	0.6	0.3	0.1	0.0	2.8

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RAS GOLLAN,EGYPT SEPTEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.8	8.5	9.2	9.5	8.8	7.2	6.9	6.6	7.0	8.2	8.2	8.3	6.4	8.5	8.7	8.4	7.8	7.7	7.7	8.0	6.3	4.7	4.1	4.7	7.5
2	6.5	5.8	8.1	5.1	4.1	5.3	7.0	9.3	8.7	9.0	9.7	9.3	9.4	8.9	7.9	8.0	6.2	8.5	7.7	7.9	7.2	7.5	7.2	6.7	7.6
3	7.2	7.8	6.0	6.3	4.0	4.4	7.9	10.8	11.3	9.7	11.5	16.5	11.1	10.3	9.2	7.8	7.4	7.0	5.6	5.3	5.7	5.0	5.4	6.4	7.6
4	6.3	6.3	6.9	7.4	8.6	7.3	7.3	8.3	10.3	10.1	10.2	9.6	10.3	8.5	7.8	6.8	6.4	6.5	5.6	4.9	5.5	4.6	5.0	6.7	7.4
5	7.5	7.4	7.2	5.9	6.1	6.0	5.7	7.4	7.9	6.8	7.5	7.6	7.2	7.6	7.4	6.5	6.0	5.6	5.3	5.4	4.7	4.8	5.5	4.9	6.4
6	6.1	5.0	5.6	6.3	6.5	7.6	11.0	12.6	11.1	10.7	9.9	9.2	8.4	7.4	6.5	6.3	5.2	5.5	4.1	3.8	2.5	2.8	3.2	4.1	6.7
7	4.8	4.7	4.5	4.6	4.9	6.6	7.9	9.9	10.8	9.2	6.2	8.5	8.5	7.9	6.7	5.5	3.6	3.2	3.5	3.4	2.9	3.1	3.2	3.1	5.8
8	1.9	2.2	1.7	3.1	5.1	5.6	4.8	6.0	5.3	6.7	7.2	7.2	7.4	6.3	4.0	3.1	2.6	1.7	1.6	1.1	0.6	1.7	2.5	2.2	3.8
9	3.4	3.7	3.1	3.7	5.3	4.0	5.9	7.6	6.6	7.4	6.9	6.5	5.9	5.7	4.6	4.0	3.0	4.2	3.4	2.2	2.0	2.2	2.5	2.9	4.5
10	2.5	3.4	4.0	5.9	6.9	5.6	4.5	7.9	9.2	8.4	7.7	8.0	7.6	6.8	6.8	7.2	7.2	7.0	6.6	6.3	5.8	5.0	4.6	5.7	6.3
11	6.1	7.6	6.6	7.7	6.7	8.5	9.9	9.5	9.2	9.2	9.4	8.6	8.5	7.8	7.9	6.6	7.6	7.3	8.0	6.8	5.3	3.8	3.4	5.6	7.5
12	6.3	6.6	7.3	6.9	7.6	9.3	11.5	11.2	9.6	8.0	8.7	6.6	7.9	7.6	7.5	7.3	6.5	6.4	5.6	5.1	5.3	4.8	4.2	4.1	7.3
13	4.2	4.9	5.1	5.5	5.9	6.6	8.4	9.6	8.6	7.2	7.9	6.0	7.8	6.4	5.5	4.9	4.0	4.0	3.6	3.9	3.2	3.6	3.4	3.8	5.7
14	4.1	3.6	3.9	4.6	5.1	5.5	5.9	8.8	6.7	6.8	7.0	6.0	7.2	7.0	6.1	5.5	4.0	3.8	3.2	2.6	2.8	2.8	3.1	3.1	5.1
15	2.0	2.8	4.7	4.8	5.3	5.6	6.0	9.9	11.0	9.2	8.0	8.4	8.2	7.5	6.9	8.3	5.8	5.4	4.1	3.7	4.0	3.6	3.5	3.6	5.8
16	4.1	5.5	6.3	5.4	6.0	7.9	7.6	7.8	7.4	7.2	7.7	7.6	7.9	7.3	6.0	5.7	6.7	6.1	6.0	4.9	5.0	5.4	4.4	5.6	6.3
17	5.4	6.4	5.3	4.9	4.8	6.3	8.2	10.3	10.7	9.9	8.9	8.0	8.7	9.4	9.6	9.4	8.4	8.3	6.3	5.6	4.2	3.4	3.6	4.8	7.1
18	5.4	6.7	6.4	6.4	6.6	9.7	8.8	9.4	9.9	10.2	9.3	9.4	8.2	9.7	9.7	8.9	7.9	7.7	6.3	5.5	5.0	5.9	6.1	6.4	7.8
19	6.7	6.7	5.7	5.4	8.0	7.5	8.7	7.7	7.2	6.7	6.9	6.4	6.0	6.1	6.4	6.4	5.0	5.3	5.8	5.9	4.6	3.6	3.4	4.0	6.1
20	3.6	3.8	4.4	4.9	5.4	5.9	6.1	8.3	7.7	7.0	7.3	6.6	7.3	7.4	6.8	5.9	4.7	4.7	3.1	2.7	2.5	3.2	3.5	2.7	5.2
21	2.7	3.2	3.1	2.5	3.7	5.7	4.9	6.1	7.3	7.2	6.6	6.4	5.4	4.9	3.6	2.2	2.2	2.9	2.7	2.6	2.2	2.1	1.5	0.2	3.8
22	0.3	0.2	1.1	3.1	4.6	3.9	3.7	5.0	5.3	5.6	5.3	4.7	4.4	3.9	3.1	2.6	3.1	2.9	2.1	1.9	2.3	2.6	2.8	2.7	3.2
23	3.4	3.9	4.7	4.4	2.8	2.0	4.2	4.0	4.5	5.0	5.3	5.6	5.9	5.9	6.4	5.9	5.7	5.6	4.5	4.7	4.6	5.0	5.0	5.5	4.8
24	4.4	2.9	4.0	6.5	6.8	7.9	7.9	6.8	8.9	9.6	9.7	9.1	9.5	7.6	7.9	7.9	7.6	7.4	5.6	5.4	4.0	6.5	5.0	5.4	7.0
25	5.1	4.0	3.2	3.9	5.7	7.4	8.5	10.2	10.7	10.7	11.4	10.7	9.7	8.9	8.0	9.1	8.0	7.7	6.1	5.1	3.6	3.8	3.8	3.7	7.1
26	3.0	2.5	3.5	3.7	3.5	5.9	6.4	6.9	8.5	8.2	6.5	8.5	7.4	7.2	7.2	7.3	6.5	6.1	5.0	4.5	3.9	2.8	2.5	3.8	5.4
27	4.4	4.0	5.1	4.9	2.2	3.1	4.1	3.1	4.6	6.5	7.4	6.9	8.8	6.3	6.9	7.0	6.4	4.8	3.2	3.2	4.0	4.4	5.1	4.6	5.0
28	3.4	2.9	1.9	4.5	4.5	5.3	5.3	7.3	9.3	8.6	6.0	7.2	6.9	6.6	6.3	5.0	4.6	3.6	3.9	4.2	4.1	3.8	3.8	3.6	5.2
29	4.2	4.8	4.2	4.5	3.7	6.1	5.9	6.8	7.2	7.2	7.0	7.6	8.2	8.3	8.2	8.2	8.0	7.4	6.7	6.6	6.7	6.6	5.5	5.3	6.4
30	4.3	6.0	8.0	6.0	6.6	5.6	6.1	9.9	11.5	10.0	11.1	10.6	10.6	10.1	10.4	9.5	9.1	7.7	6.6	6.4	6.5	7.3	5.1	5.1	7.9
AVG	4.6	4.8	4.9	5.3	5.6	6.2	6.9	8.2	8.3	8.3	8.2	8.0	7.9	7.5	7.0	6.8	6.1	5.7	5.0	4.6	4.2	4.2	4.0	4.4	6.1
STD	1.8	1.9	1.8	1.5	1.7	1.6	1.9	2.0	2.0	1.6	1.6	1.4	1.5	1.4	1.7	1.9	1.6	1.8	1.7	1.7	1.6	1.5	1.2	1.5	1.3
MAX	7.8	8.5	9.2	9.5	8.8	9.7	11.5	12.0	11.5	10.6	11.5	10.7	11.1	10.3	10.4	9.5	9.1	8.5	8.0	8.0	7.2	7.5	7.2	6.7	7.9
MIN	0.3	0.2	1.1	2.5	2.2	2.0	3.7	3.1	4.5	5.0	5.3	4.7	4.4	3.9	3.1	2.2	2.2	1.7	1.6	1.1	0.6	1.7	1.5	0.2	3.2

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RAS GOLLAN,EGYPT OCTOBER 1986 16M AGL BHW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.4	8.0	9.1	6.4	8.5	10.3	10.4	11.2	11.6	11.8	12.5	12.4	12.1	11.4	10.6	10.3	9.8	10.1	9.1	9.7	7.3	7.4	6.8	5.5	9.5
2	6.7	7.6	5.4	5.6	9.7	11.4	11.4	10.5	10.3	9.1	9.3	9.2	8.9	8.5	8.7	8.7	8.7	8.3	7.2	7.6	6.4	3.4	3.8	5.4	8.0
3	7.0	6.0	5.4	5.1	4.9	5.5	7.2	9.6	10.2	9.0	9.3	8.3	8.9	9.5	9.1	9.5	9.4	7.0	5.4	4.8	5.8	6.0	4.9	5.1	7.2
4	5.4	5.6	3.5	3.6	4.8	5.4	7.0	8.7	8.3	7.9	8.2	8.6	8.3	6.9	6.5	5.9	5.6	5.6	4.9	4.4	4.2	4.4	4.5	4.5	5.9
5	4.8	5.8	5.9	4.9	4.7	4.2	4.6	6.6	8.3	8.6	7.7	7.4	7.5	7.0	6.5	6.1	5.5	5.8	4.9	5.1	4.4	3.9	4.9	5.3	5.8
6	5.7	5.8	3.4	4.6	4.9	4.6	5.1	6.4	5.4	5.5	5.4	6.1	6.8	7.4	7.5	7.0	6.1	5.3	5.1	5.0	4.8	4.6	4.7	3.5	5.4
7	3.9	2.9	3.6	4.8	5.5	5.9	5.0	5.6	7.9	9.2	9.3	7.9	8.4	6.9	6.3	6.3	5.8	6.0	5.0	4.7	5.4	4.7	4.6	4.6	5.6
8	5.0	5.4	5.4	5.7	4.9	5.4	4.8	7.7	7.4	6.9	6.9	6.6	6.7	6.7	6.6	6.1	5.6	5.1	4.8	4.4	4.7	4.1	4.2	4.7	5.7
9	4.5	4.2	4.8	4.6	5.1	5.7	6.6	6.3	8.0	8.8	9.1	8.4	8.0	6.0	6.9	8.5	5.9	4.9							6.0
10												6.5	8.9	7.0	7.2	7.0	6.5	6.3	5.5	5.4	5.9	4.7	4.5	3.7	6.3
11	4.2	5.1	5.1	4.8	5.1	6.0	6.5	9.2	10.2	9.4	9.3	9.8	9.6	8.7	8.6	8.3	7.2	6.3	5.3	4.0	5.0	6.5	5.5	5.0	6.9
12	5.7	5.8	6.0	5.9	5.6	6.3	6.3	7.8	7.9	7.6	8.2	8.5	8.0	7.3	6.9	6.9	6.7	6.4	6.1	4.7	4.6	4.4	3.8	3.7	6.3
13	3.8	4.2	4.9	4.6	4.5	5.0	5.3	6.8	7.5	7.7	7.7	7.8	7.9	8.4	7.9	7.2	6.1	5.1	4.6	3.2	3.2	3.1	3.2	3.0	5.5
14	4.4	5.4	5.5	6.1	6.8	6.7	7.4	8.6	9.8	8.6	6.2	7.5	7.2	7.0	7.6	6.8	5.6	5.6	4.6	3.9	3.8	3.7	4.2	4.8	6.2
15	4.5	4.5	4.7	4.6	4.8	5.0	5.6	7.3	7.8	7.5	7.4	7.7	7.8	7.9	7.5	6.6	6.6	5.7	4.1	4.1	4.0	3.9	3.9	4.0	5.7
16	3.9	3.9	4.5	4.1	3.8	4.4	5.4	8.7	7.8	7.6	7.2	7.2	7.6	8.0	6.9	6.4	5.6	5.3	5.4	4.5	4.4	4.1	4.8	4.6	5.6
17	4.9	5.5	6.3	6.0	5.9	6.3	6.5	8.4	9.2	9.2	8.3	8.2	7.9	8.0	7.6	6.6	5.8	4.9	4.6	4.6	4.5	4.4	4.6	4.7	6.3
18	4.7	4.7	5.6	5.7	5.5	6.0	6.3	6.6	8.2	7.7	6.6	6.1	6.3	5.7	5.1	5.6	4.2	2.5	2.2	2.0	2.2	3.9	3.7	4.0	5.1
19	4.4	4.5	4.4	4.7	4.9	5.7	6.1	7.8	9.7	8.2	8.3	8.2	8.2	8.2	7.7	7.7	7.2	6.5	5.5	5.7	5.7	5.1	4.7	4.5	6.4
20	5.1	5.4	5.4	5.5	5.6	6.5	7.7	9.5	11.1	9.9	10.2	9.8	9.5	9.6	9.4	9.6	9.7	9.2	8.5	8.0	7.6	7.5	7.2	7.0	8.1
21	7.5	7.8	7.7	7.5	6.5	7.2	7.9	10.3	11.5	12.6	12.3	11.4	11.2	11.0	10.4	9.8	9.2	7.9	7.2	8.0	6.0	5.8	5.6	4.7	8.5
22	5.9	6.0	7.4	7.4	6.8	6.9	6.7	8.3	9.9	10.5	10.2	9.8	11.0	9.5	7.6	7.8	7.7	7.6	6.3	5.4	5.8	5.1	5.7	5.5	7.6
23	4.4	6.5	5.8	6.8	5.6	5.6	4.9	6.3	6.7	7.4	6.7	6.1	5.8	5.8	5.3	4.7	3.8	3.2	2.7	2.2	2.2	2.3	3.2	3.9	4.9
24	4.7	4.2	3.8	1.8	1.9	4.6	4.8	4.5	3.9	3.9	3.9	4.1	4.6	4.9	4.8	4.6	4.2	3.7	2.9	2.3	2.2	3.0	3.2	4.0	3.8
25	3.8	4.0	5.3	5.4	5.3	4.6	5.0	7.0	7.7	7.8	7.9	8.3	8.4	8.3	7.7	7.3	6.8	6.4	5.8	5.1	5.1	5.0	4.6	3.8	6.1
26	5.3	5.7	5.9	5.7	6.4	6.9	7.9	9.1	9.6	9.6	9.6	9.4	9.6	8.7	8.3	8.6	8.0	7.7	7.5	6.0	5.7	6.5	7.2	7.4	7.6
27	8.4	7.8	8.0	8.5	7.6	8.3	8.9	9.2	10.1	10.6	9.8	9.8	10.1	9.7	8.7	8.2	8.2	8.4	8.2	6.8	6.6	7.0	6.1	8.7	8.4
28	9.6	8.0	7.7	6.9	7.3	7.4	7.0	8.2	9.1	9.8	9.2	8.9	8.9	8.3	8.9	8.9	8.9	8.7	7.9	7.4	7.2	7.3	6.9	6.3	8.1
29	7.2	8.0	7.8	7.0	5.9	6.1	8.3	8.8	9.1	8.4	8.9	8.9	8.5	8.7	8.3	8.0	7.7	7.6	6.6	5.9	5.7	5.5	5.8	5.1	7.3
30	5.1	5.4	4.9	5.4	5.7	5.8	5.7	5.7	5.7	5.6	5.7	6.0	6.1	5.3	4.8	4.2	4.6	3.7	3.0	2.7	2.2	2.2	2.9	2.6	4.8
31	2.9	3.0	3.6	3.2	2.3	2.5	1.8	2.0	1.5	3.2	3.5	4.5	4.5	4.1	3.8	3.4	2.7	2.2	3.8	3.4	3.8	1.7	1.6	2.1	3.0
AVG	5.3	5.6	5.5	5.4	5.6	6.1	6.4	7.6	8.4	8.3	8.2	8.1	8.2	7.8	7.4	7.1	6.6	6.1	5.5	5.0	4.9	4.7	4.7	4.7	6.4
STD	1.7	1.8	1.7	1.6	1.8	2.0	2.1	2.3	2.6	2.5	2.4	1.8	1.7	1.8	1.6	1.7	1.8	1.9	1.9	1.9	1.7	1.7	1.5	1.5	1.4
MAX	9.6	8.0	9.1	8.5	9.7	11.4	11.4	11.2	11.6	12.8	12.5	12.4	12.1	11.4	10.8	10.3	9.8	10.1	9.1	9.7	7.6	7.5	7.2	7.4	9.5
MIN	2.9	2.9	3.4	1.8	1.9	2.5	1.8	2.0	1.5	3.2	3.5	4.1	4.5	4.1	3.8	3.4	2.7	2.2	2.2	2.2	2.2	1.7	1.6	2.1	3.0

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RAS GOLLAN,EGYPT NOVEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	2.1	2.2	3.4	2.7	1.9	1.8	1.5	1.6	3.5	4.0	4.7	5.5	5.7	5.4	5.1	4.1	3.9	1.3	3.6	1.8	2.1	2.1	2.6	2.2	3.1
2	1.2	3.6	3.8	4.0	4.1	4.5	4.5	4.2	4.8	5.4	5.4	5.0	4.6	5.0	5.0	4.4	3.6	3.2	2.2	2.3	1.9	1.6	2.3	3.2	3.8
3	3.2	3.1	3.0	4.0	4.5	4.0	4.5	6.3	6.5	7.7	7.5	7.3	6.7	6.8	6.7	6.0	6.0	1.0	5.5	4.7	5.1	4.1	3.8	3.9	5.3
4	5.0	5.1	4.8	5.1	5.8	5.7	6.7	7.3	9.7	10.2	9.8	10.1	9.9	9.6	9.1	9.1	6.5	7.8	7.5	5.8	4.6	5.3	4.8	5.3	7.2
5	4.2	5.0	5.0	4.4	3.6	4.5	3.9	2.8	5.3	7.3	8.4	6.6	6.3	6.1	6.1	6.1	6.0	5.8	5.4	5.8	5.1	5.0	4.2	4.2	5.3
6	4.6	4.5	3.6	3.8	3.8	4.7	4.6	5.3	7.0	6.7	6.5	7.2	7.0	6.4	5.7	5.0	3.9	3.7	4.0	4.4	3.6	3.5	3.2	3.7	4.8
7	3.7	3.9	3.0	2.3	3.8	4.4	4.5	4.0	4.9	5.1	5.5	5.6	6.1	6.1	5.5	3.5	2.1	0.4	0.1	1.1	0.4	0.3	1.7	2.1	3.4
8	3.1	3.2	1.8	0.2	1.1	2.6	3.1	2.0	1.0	1.8	2.9	3.6	4.4	4.7	5.3	4.7	3.2	2.0	0.4	1.3	1.1	0.3	0.3	1.2	2.3
9	1.1	0.4	1.1	0.6	2.3	2.9	2.6	2.0	1.5	2.3	3.7	4.4	4.7	5.7	4.6	4.0	3.0	1.2	1.1	0.4	0.2	0.2	1.6	3.4	2.3
10	3.0	4.2	2.9	3.4	6.7	7.3	7.4	7.6	7.5	7.3	6.6	6.6	6.0		7.4	6.6	4.2	2.8	2.0	1.0	1.5	2.6	3.5	3.9	4.8
11	3.5	3.5	3.7	5.0	6.3	6.4	6.4	5.4	5.3	4.2	5.4	5.1	5.6	5.8	5.3	4.4	3.7	2.6	1.5	2.1	3.6	3.7	3.4	3.6	4.3
12	4.6	4.1	4.7	4.4	4.1	3.7	4.9	3.6	4.5	4.0	5.0	4.6	5.3	5.7	6.7	7.3	6.6	6.4	6.1	5.6	4.0	3.9	3.6	3.4	4.9
13	3.9	4.0	4.1	4.7	5.1	5.1	5.7	7.5	8.2	8.5	8.2	7.6	7.9	6.9	6.8	6.9	7.0	6.8	7.4	7.4	6.4	6.4	6.1	5.9	6.4
14	5.7	5.7	6.9	6.1	6.4	6.4	6.5	7.7	8.3	9.6	9.5	9.3	9.3	9.1	9.1	8.5	9.1	8.5	6.0	6.0	6.0	5.8	5.4	5.1	7.4
15	4.9	5.3	5.6	5.5	5.3	5.5	6.3	6.6	8.6	8.5	8.3	8.6	8.6	8.9	9.1	8.9	7.0	6.8	6.5	5.6	5.3	4.6	4.7	4.0	6.6
16	3.7	4.1	4.2	3.9	3.6	4.0	4.4	5.6	6.7	6.3	5.8	5.8	6.6	6.9	6.3	5.3	3.0	3.2	2.6	3.0	3.0	2.6	1.3	2.3	4.4
17	2.5	2.0	3.5	3.6	3.4	3.9	4.8	6.3	7.2	7.6	7.3	6.3	6.1	6.0	5.8	5.3	4.0	4.1	4.1	4.4	3.9	2.8	3.7	4.7	4.7
18	5.6	6.3	5.1	3.6	5.1	4.9	6.4	7.4	8.5	9.3	9.3	9.2	8.7	8.5	6.6	7.7	6.9	5.6	4.7	5.1	3.6	3.2	3.7	3.6	6.3
19	3.5	3.9	4.6	4.2	4.1	4.7	4.6	6.4	6.7	7.2	7.5	7.3	6.7	5.6	5.3	5.4	5.1	4.2	4.5	3.8	3.0	3.5	3.2	3.5	4.9
20	4.1	4.1	4.0	3.6	3.7	4.0	5.1	6.5	7.2	7.5	7.0	7.0	7.2	7.0	6.7	5.4	4.7	3.5	3.4	2.9	3.0	3.1	3.5	4.1	4.9
21	4.1	3.5	3.6	3.9	3.7	3.9	4.5	4.1	4.0	3.7	4.1	5.3	5.8	5.6	4.6	3.5	2.0	2.7	2.6	2.8	2.6	2.5	2.7	2.6	3.7
22	2.2	2.6	3.0	3.5	3.1	2.9	3.9	3.2	0.3	2.9	4.6	5.1	4.7	4.4	4.1	4.0	4.4	3.7	3.1	2.6	2.9	2.0	2.1	2.2	3.2
23	2.7	3.1	3.2	3.2	3.2	3.4	3.9	4.6	5.0	5.8	5.6	6.1	5.7	5.1	5.0	4.9	4.2	3.7	3.1	2.3	3.6	2.0	2.3	2.5	3.9
24	2.5	2.1	2.9	2.7	2.1	1.7	1.9	1.7	1.7	2.7	3.1	3.4	3.6	3.7	4.1	3.9	3.5	1.9	2.1	1.7	1.2	2.8	2.1	1.6	2.5
25	1.2	1.8	3.1	0.8	1.2	1.5	2.5	2.3	1.6	2.6	3.1	4.6	5.6	6.7	7.2	7.3	6.5	4.9	3.5	3.2	2.3	1.1	2.2	3.1	3.3
26	2.6	1.9	2.1	5.0	5.5	4.2	4.4	6.4	8.9	8.3	7.7	8.9	7.5	6.7	7.4	7.3	6.5	4.2	5.4	5.0	4.2	4.5	4.7	4.5	5.[illegible]
27	4.9	4.7	5.7	5.1	5.0	5.6	5.7	6.4	7.0	6.6	7.3	7.2	7.2	7.2	6.9	5.9	4.8	4.4	3.6	2.9	3.5	3.9	3.7	3.9	5.4
28	4.4	4.8	4.8	4.9	4.6	4.8	5.5	5.3	7.0	7.6	7.3	6.7	8.0	7.2	6.9	6.5	5.9	5.3	4.8	3.9	3.6	3.8	4.0	4.4	5.5
29	4.2	4.6	4.6	5.6	6.0	5.0	5.1	4.4	5.5	5.4	5.4	5.6	5.9	5.7	5.0	4.7	3.4	2.3	2.6	3.2	3.7	3.1	3.1	1.9	4.4
30	2.5	1.5	1.3	3.6	4.0	4.0	3.9	3.2	2.3	2.6	2.6	2.9	3.8	4.7	5.7	6.5	7.3	7.2	6.8	6.8	6.0	5.9	5.8	5.9	4.4
AVG	3.5	3.6	3.6	3.8	4.1	4.3	4.6	5.0	5.6	5.9	6.1	6.3	6.4	6.3	6.2	5.0	5.1	4.2	4.0	3.7	3.4	3.2	3.3	3.5	4.6
STD	1.2	1.3	1.3	1.4	1.4	1.3	1.4	2.0	2.5	2.4	2.0	1.8	1.6	1.4	1.4	1.6	1.0	2.0	2.1	1.8	1.6	1.6	1.3	1.2	1.3
MAX	5.7	6.3	6.0	6.1	6.7	7.3	7.4	8.6	9.7	10.2	9.8	10.1	9.9	9.6	9.1	9.1	9.1	8.5	8.0	7.4	6.4	6.4	6.1	5.9	7.4
MIN	1.1	0.4	1.1	0.2	1.1	1.5	1.5	1.7	0.8	1.0	2.6	2.9	3.6	3.7	4.1	3.5	2.1	0.4	0.1	0.4	0.2	0.2	0.3	1.2	2.3

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RAS GOLLAN,EGYPT DECEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	6.4	6.6	6.6	6.5	6.5	7.3	7.5	9.1	10.2	11.3	11.5	10.6	9.5	6.9	8.6	7.6	8.3	7.8	7.8	7.4	5.8	5.3	4.1	4.9	7.7
2	5.0	6.4	6.7	6.5	6.0	5.9	6.8	8.5	10.2	11.7	12.4	12.0	11.8	12.1	11.8	11.1	10.8	11.0	10.3	9.7	9.2	7.8	6.6	6.3	9.0
3	6.7	6.5	7.4	6.8	7.2	7.6	7.2	8.3	9.1	9.4	9.8	9.6	10.1	10.8	10.5	10.8	10.5	10.3	9.8	8.5	6.9	6.4	5.9	6.0	8.4
4	6.0	6.8	6.9	7.3	7.4	7.8	7.5	9.3	10.3	11.8	11.5	12.1	13.1	12.6	12.2	12.4	11.5	11.2	11.4	8.7	7.8	7.9	7.4	8.3	9.5
5	8.8	8.3	7.7	8.8	5.5	5.8	6.9	7.0	7.3	7.3	6.7	6.9	6.6	6.4	6.1	6.0	6.1	5.3	5.5	5.9	5.8	5.0	5.6	5.3	6.4
6	5.3	5.3	5.1	5.0	5.5	6.1	5.4	5.4	5.4	5.7	5.5	5.7	5.4	5.1	5.7	6.0	5.9	5.5	5.8	4.8	3.7	4.2	4.6	4.8	5.3
7	4.4	5.1	5.7	5.0	5.1	5.7	6.0	5.7	7.7	8.0	8.2	7.4	6.9	6.4	5.7	5.9	5.8	5.1	4.2	3.6	3.9	4.0	4.2	4.8	5.7
8	5.0	4.6	4.7	4.9	4.9	4.6	5.5	6.8	6.0	7.6	7.9	8.3	6.5	8.3	7.7	7.3	6.4	5.5	5.0	4.5	4.2	4.8	4.4	4.2	6.0
9	4.6	4.6	4.4	4.4	4.7	4.4	5.0	5.3	6.9	7.6	7.5	7.3	6.6	6.6	6.7	6.4	5.5	4.6	4.9	4.6	5.0	4.7	3.9	4.6	5.4
10	5.0	5.8	5.5	5.0	4.7	4.8	4.9	4.6	6.1	6.4	7.5	7.6	7.6	7.6	6.1	5.9	4.7	3.8	3.7	3.4	3.2	3.1	3.6	3.8	5.2
11	3.6	4.2	5.1	5.3	5.5	4.0	5.3	4.2	5.7	7.5	7.7	7.9	8.2	7.7	6.9	6.4	6.1	5.4	4.8	3.9	3.6	4.2	4.2	4.0	5.5
12	4.2	4.1	4.2	4.2	4.7	4.9	5.7	5.5	7.2	6.4	6.8	7.3	7.4	7.0	6.6	6.4	5.8	4.8	4.6	4.5	3.6	3.6	3.7	3.6	5.3
13	3.6	3.8	4.0	4.1	4.5	4.6	5.4	5.1	5.6	5.4	5.1	5.3	4.9	4.7	4.9	4.1	3.7	2.6	1.9	1.7	2.7	2.9	0.2	0.0	3.6
14	0.0	0.0	0.2	2.5	3.6	4.2	4.4	3.7	3.0	2.7	3.2	4.4	5.1	5.7	5.3	4.6	3.6	2.1	0.9	1.2	1.5	2.2	2.3	2.9	2.9
15	3.0	3.6	3.1	3.5	3.4	3.8	4.8	4.6	5.4	6.1	6.6	6.8	6.7	6.1	5.0	4.2	3.1	2.6	2.1	1.5	2.0	3.0	2.7	3.2	4.1
16	3.2	3.4	3.7	3.7	2.9	3.2	4.4	4.7	6.5	6.1	6.7	7.0	6.3	5.8	5.8	5.9	4.0	2.9	3.5	3.7	3.2	2.1	2.8	2.5	4.3
17	1.9	2.3	2.2	1.7	2.1	1.8	1.9	1.0	2.2	1.5	3.0	2.8	4.0	6.0	8.5	8.9	9.1	7.4	6.0	3.8	4.6	4.8	4.0	3.5	4.0
18	3.8	3.6	2.2	1.0	3.6	9.6	11.5	9.4	8.9	7.7	7.7	8.8	9.7	8.5	10.6	12.6	9.9	7.0	6.6	5.1	5.6	6.0	5.1	5.4	7.1
19	4.4	5.0	5.0	5.8	5.6	5.3	6.1	6.5	6.7	6.6	6.0	6.6	7.0	7.3	6.9	6.5	6.4	5.6	5.5	4.5	4.0	4.2	4.4	4.5	6.0
20	4.4	4.6	5.0	4.8	4.6	5.3	5.9	5.3	6.0	6.4	5.4	5.3	6.1	6.4	6.0	6.0	5.9	4.6	4.5	4.1	3.5	3.5	3.6	3.7	5.1
21	4.0	4.4	4.2	3.9	3.7	4.2	5.1	4.9	5.3	4.5	4.7	4.4	4.4	5.0	5.0	4.5	3.9	2.6	1.3	0.9	1.9	2.3	2.5	2.9	3.8
22	3.1	3.2	4.1	4.9	4.6	4.4	3.5	3.2	4.5	4.8	4.4	4.9	4.6	4.8	4.5	4.5	3.7	2.3	1.1	0.8	2.0	2.9	3.5	3.8	3.7
23	4.6	4.9	5.0	4.2	3.2	4.2	5.1	5.3	6.8	6.9	6.4	5.8	5.3	5.4	5.3	4.9	5.1	4.4	3.6	3.2	4.1	4.1	4.5	4.6	4.9
24	4.8	4.7	4.6	4.8	4.9	5.1	5.5	6.3	7.6	7.6	7.3	6.6	6.7	6.4	5.1	5.0	5.5	5.3	4.7	4.4	4.2	4.5	4.2	4.5	5.4
25	4.9	4.8	4.9	4.9	5.8	6.3	6.1	6.0	7.7	7.0	7.4	7.9	8.4	8.2	7.2	6.4	5.6	4.6	4.7	3.9	3.7	4.1	4.5	4.7	5.8
26	4.9	5.3	4.9	4.6	4.2	5.3	6.3	6.6	7.9	8.3	8.5	8.7	9.4	8.7	9.1	8.6	8.3	7.5	6.9	6.1	4.7	5.9	6.9	6.4	6.8
27	6.4	6.5	6.0	6.7	6.5	7.2	6.3	9.2	10.3	11.0	8.8	8.8	8.2	8.2	7.7	8.8	6.9	7.3	7.5	6.7	5.7	6.8	5.7	4.9	7.4
28	5.1	5.0	5.3	4.9	4.8	5.3	6.3	6.1	6.5	5.3	5.5	5.8	6.1	6.0	5.8	6.0	6.5	5.8	5.8	6.1	6.1	5.9	4.7	3.7	5.6
29	3.7	4.7	5.3	5.5	5.6	4.9	5.3	7.2	9.1	8.9	9.8	8.2	6.4	8.6	7.6	8.0	8.0	6.4	6.1	6.5	4.7	4.8	4.9	5.1	6.5
30	5.4	5.1	4.7	4.8	4.6	4.9	5.1	6.0	7.7	8.4	8.0	6.1	6.4	6.7	7.2	7.2	6.4	5.1	5.6	4.4	5.1	4.6	4.7	4.2	5.8
31	4.0	3.8	4.2	4.1	4.5	5.4	5.6	5.3	7.8	7.9	7.7	7.3	8.3	5.8	5.0	4.7	3.6	3.6	3.7	4.0	4.1	4.0	4.4	4.8	5.1
AVG	4.5	4.7	4.9	4.8	4.8	5.2	5.8	6.0	7.2	7.3	7.3	7.2	7.3	7.2	7.0	6.8	6.3	5.6	5.1	4.6	4.4	4.5	4.3	4.4	5.7
STD	1.5	1.5	1.5	1.3	1.2	1.5	1.6	1.6	2.0	2.3	2.2	2.1	2.0	1.9	2.0	2.2	2.2	2.3	2.5	2.2	1.7	1.4	1.4	1.4	1.5
MAX	6.8	8.3	7.7	7.3	7.4	9.6	11.5	9.4	10.3	11.8	12.4	12.1	13.1	12.6	12.2	12.6	11.5	11.2	11.4	9.7	9.2	7.9	7.4	8.3	9.5
MIN	0.0	0.0	0.2	1.7	2.1	1.0	1.9	1.6	2.2	1.5	3.0	2.8	4.4	4.7	4.5	4.1	3.1	2.1	0.9	0.0	1.5	2.1	0.2	0.0	2.9

RAS GOLLAN,EGYPT JANUARY 1988 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.6	4.0	3.9	4.1	4.6	4.9	5.8	4.6	5.5	5.4	4.9	3.7	3.5	3.7	3.9	2.6	1.5	0.3	0.0	0.1	0.0	1.0	0.6	1.1	3.1
2	0.1	1.7	1.9	1.6	0.8	1.7	2.5	3.0	2.0	1.7	2.7	4.7	5.1	6.0	7.2	7.2	7.0	5.3	2.9	1.9	1.2	2.1	2.6	2.2	3.1
3	1.5	1.9	2.1	1.3	1.5	1.7	4.9	5.6	6.9	10.1	11.1	9.8	9.4	8.9	8.4	7.7	7.5	5.7	6.5	6.0	5.4	4.1	3.9	4.1	5.7
4	4.4	4.2	4.6	4.9	4.6	4.6	5.6	6.3	7.4	7.2	6.9	6.6	7.0	7.2	7.2	6.6	6.4	5.7	4.0	3.1	3.5	3.6	3.9	3.7	5.4
5	3.1	3.2	4.0	4.2	4.0	3.7	4.1	3.1	4.4	4.5	4.5	4.1	4.7	4.9	4.5	3.7	2.2	1.2	0.1	1.2	1.2	1.6	2.1	1.6	3.2
6	2.0	1.5	2.0	2.6	3.5	3.5	4.6	4.2	2.8	2.6	3.4	3.2	3.1	4.4	4.6	4.2	3.2	2.1	1.2	0.0	0.1	1.2	0.7	0.9	2.6
7	1.7	1.6	1.5	1.0	1.6	2.7	2.9	2.6	2.2	1.7	2.2	3.2	3.5	3.4	3.2	2.9	2.7	1.6	0.3	0.0	0.3	0.0	0.0	0.0	1.6
8	1.7	1.6	1.9	1.0	1.1	3.1	3.6	3.6	2.9	2.3	3.6	4.1	4.9	5.3	5.4	4.9	4.1	3.1	4.0	5.0	4.9	4.6	3.4	3.7	3.5
9	3.6	3.9	4.2	4.4	4.6	4.6	4.6	4.7	5.7	5.9	6.6	6.3	5.4	5.4	5.0	4.4	3.4	2.5	1.5	0.1	0.6	2.6	3.1	3.6	4.6
10	3.9	4.4	4.6	4.5	4.4	4.5	5.1	4.6	4.6	4.5	4.0	3.6	4.0	4.6	4.6	4.0	3.7	3.0	3.1	3.5	3.0	3.7	4.0	4.0	4.1
11	4.0	3.6	4.0	4.1	4.0	3.9	5.0	4.6	6.0	6.0	6.0	5.6	6.3	5.5	5.6	5.0	3.6	3.5	3.1	2.7	2.5	3.6	3.6	3.6	4.4
12	3.6	2.7	2.2	2.3	2.8	3.6	5.6	6.7	6.6	6.4	6.6	5.7	5.7	6.4	6.6	6.0	6.3	5.6	5.1	4.4	3.7	4.2	4.2	4.1	5.1
13	4.7	4.4	4.7	5.1	4.6	4.7	5.6	5.4	7.4	7.9	7.9	8.6	7.0	8.0	7.4	6.5	5.0	5.6	5.1	3.6	2.7	3.4	3.6	3.6	5.6
14	3.9	4.2	4.2	4.7	4.6	4.6	5.1	4.6	4.9	5.1	5.0	5.1	5.7	5.5	5.4	4.6	3.7		0.7	1.0	1.7	2.2	2.5	3.2	4.0
15	3.7	3.5	6.7	6.3	6.9	7.3	7.3	6.0	7.6	9.1	8.4	7.3	7.2	6.8	6.4	6.0	6.1	5.5	4.0	3.0	3.0	3.2	3.6	4.4	5.6
16	4.2	3.6	4.4	4.0	4.4	5.[illegible]	5.6	5.7	7.6	7.4	7.8	7.6	7.5	7.5	7.0	7.3	6.8	6.1	5.0	5.0	4.4	3.6	3.9	4.2	5.7
17	4.6	4.7	4.6	4.9	4.6	5.6	5.7	4.9	6.0	5.5	5.0	5.3	4.7	4.7	4.6	3.7	2.2	1.3	0.2	1.0	1.2	1.6	2.6	2.9	3.9
18	2.6	2.9	3.4	3.2	3.6	3.7	4.4	4.2	3.7	4.8	5.1	4.5	4.6	5.6	5.6	5.5	4.9	4.1	4.4	3.4	3.5	3.6	4.0	4.7	4.2
19	4.6	4.5	3.8	4.4	4.0	4.2	5.3	5.6	8.6	9.7	10.5	10.7	10.5	9.7	10.4	10.4	9.9	8.8	8.5	8.6	7.9	6.1	6.0	6.4	7.4
20	7.4	7.7	7.3	7.0	7.4	8.2	6.6	9.1	10.3	10.6	10.7	11.0	11.3	11.4	10.7	10.5	10.1	9.5	9.4	8.6	7.2	7.0	7.0	8.9	8.9
21	6.3	5.8	5.0	4.9	4.5	4.5	5.3	6.5	8.0	7.9	7.7	6.8	5.4	5.5	5.5	5.1	5.3	4.7	4.1	3.8	3.2	4.1	4.4	4.4	5.4
22	4.7	4.2	4.4	4.5	4.7	4.9	5.3	5.1	6.7	7.4	7.0	6.6	6.7	6.7	6.7	6.8	6.6	6.5	5.8	4.4	3.0	3.2	3.2	2.9	5.3
23	2.8	3.6	4.1	4.1	4.4	3.8	3.2	3.9	4.5	4.7	4.9	4.[illegible]	5.3	5.5	5.4	4.7	3.7	2.5	1.6	1.5	1.6	1.6	2.3	2.0	3.6
24	2.6	1.7	2.9	2.5	2.2	3.1	5.3	4.5	5.0	4.0	4.4	4.4	4.5	4.8	4.4	3.0	2.8	1.6	0.0	0.0	0.2	1.0	1.0	1.7	2.9
25	0.9	1.3	2.2	2.3	2.1	1.1	2.5	2.8	1.5	2.1	5.0	6.1	6.0	6.5	6.4	6.1	6.6	6.7	5.3	5.7	4.7	4.4	3.4	3.2	4.0
26	4.5	3.8	4.4	4.6	4.5	5.7	5.8	5.6	7.7	7.9	7.5	6.9	6.4	7.3	7.6	7.4	7.0	6.3	5.7	5.7	4.6	3.6	3.6	3.7	5.8
27	4.1	4.1	4.6	4.7	5.0	5.1	5.1	4.0	6.6	7.3	7.3	7.2	7.4	7.4	7.4	6.6	5.5	4.9	3.6	3.1	2.1	3.2	3.6	3.6	5.2
28	4.0	4.0	3.4	3.4	4.6	5.0	5.0	4.7	5.6	5.1	5.6	5.9	5.7	6.4	5.6	4.9	4.4	3.4	2.5	2.1	1.7	2.7	2.9	2.9	4.2
29	3.0	3.4	3.2	3.5	3.1	3.6	4.6	4.7	4.6	4.6	5.8	7.0	7.4	6.6	6.6	6.6	6.1	4.1	3.0	2.5	2.7	3.7	4.0	4.0	4.5
30	4.0	4.4	4.2	4.5	5.0	6.0	5.6	5.4	6.4	6.3	6.7	7.7	7.9	7.9	6.6	6.4	5.6	3.5	2.0	2.0	2.9	3.6	2.7	2.6	5.0
31	3.2	3.5	4.6	4.2	4.6	5.3	5.6	5.6	6.5	6.7	6.6	6.4	7.6	7.3	7.0	6.3	5.6	5.0	4.1	3.6	3.0	3.6	3.9	4.0	5.1
AVG	3.5	3.6	3.9	3.8	4.0	4.3	5.0	4.9	5.7	5.9	6.2	6.1	6.2	6.4	6.3	5.6	5.2	4.3	3.5	3.1	2.8	3.2	3.3	3.4	4.6
STD	1.5	1.3	1.3	1.4	1.5	1.5	1.2	1.3	2.1	2.4	2.1	2.0	1.9	1.7	1.7	1.6	2.1	2.2	2.4	2.3	1.9	1.4	1.4	1.4	1.4
MAX	7.4	7.7	7.3	7.0	7.4	8.2	8.6	9.1	10.3	10.6	11.1	11.0	11.3	11.4	10.7	10.5	10.1	9.5	9.4	8.6	7.9	7.0	7.0	8.9	8.9
MIN	0.1	1.3	1.5	1.0	0.8	1.1	2.5	2.6	1.5	1.7	2.2	3.2	3.1	3.4	3.2	2.6	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.6	1.8

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RAS GOLLAN,EGYPT FEBRUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.5	3.4	4.2	4.7	5.6	5.6	6.1	5.7	6.9	6.1	6.4	6.4	6.5	6.6	5.9	5.5	4.2	3.5	2.9	1.6	2.2	3.5	4.1	4.0	4.8
2	4.0	4.6	4.4	4.4	3.9	4.8	5.3	4.5	4.8	3.8	4.1	4.7	6.3	7.0	5.7	5.6	5.1	3.8	2.7	2.3	3.0	3.6	4.1	3.7	4.4
3	3.5	3.5	2.9	2.8	1.7	2.1	3.4	3.0	1.3	1.8	2.1	4.6	5.4	5.0	6.4	7.3	6.5	5.6	3.1	2.1	2.1	2.6	1.6	1.2	3.4
4	2.5	3.0	3.5	3.4	2.7	1.7	3.5	4.2	3.9	5.6	6.1	6.1	8.8	9.1	9.5	9.6	8.7	8.8	8.2	6.8	6.6	3.9	3.9	3.9	5.6
5	3.1	4.2	3.5	2.7	3.1	2.2	4.5	5.5	6.0	6.3	7.2	7.0	6.5	8.0	6.1	4.6	4.2	2.6	3.4	4.6	6.8	8.3	7.0	5.5	5.1
6	5.1	6.0	3.6	4.9	5.8	6.5	6.4	5.7	7.5	7.4	7.6	7.2	7.7	8.2	8.0	6.5	5.1	4.5	3.8	2.7	3.0	2.8	3.4	3.4	5.5
7	3.8	3.9	4.1	4.0	4.0	4.5	5.4	4.8	6.3	5.6	5.6	5.6	5.6	5.3	5.1	4.5	4.4	3.6	2.7	1.9	1.7	1.8	2.9	2.3	4.1
8	3.2	2.9	3.2	2.5	0.7	2.1	3.7	3.2	2.3	1.1	2.2	4.1	4.2	5.5	6.5	7.4	7.5	5.9	5.3	6.1	6.6	3.5	5.1	3.5	4.1
9	0.9	0.3	1.9	3.9	2.2	1.3	1.8	6.3	11.0	9.3	10.1	10.6	11.4	10.1	9.5	8.2	6.8	5.5	4.7	4.7	4.0	4.1	4.1	3.9	5.7
10	4.2	4.1	4.5	4.9	4.5	5.0	5.7	6.4	8.7	9.4	9.3	8.9	8.4	9.2	8.9	8.8	8.4	7.4	6.3	6.5	5.6	4.5	4.1	5.5	6.6
11	5.0	5.0	4.9	5.4	5.0	6.0	7.2	7.8	8.2	7.9	8.4	8.0	8.2	8.7	8.7	8.5	7.5	6.3	5.3	4.5	4.4	4.8	4.6	3.7	6.4
12	4.5	5.5	5.6	5.6	5.6	6.6	6.1	5.9	7.7	7.9	8.2	7.6	7.7	7.4	7.2	6.9	5.3	4.0	3.2	2.6	2.8	3.5	3.2	3.2	5.6
13	3.0	1.1	0.9	0.9	2.2	3.1	3.6	3.4	1.6	1.8	3.1	3.4	4.4	4.9	4.5	4.2	3.4	2.5	2.2	2.6	2.7	3.6	3.7	3.9	2.9
14	4.2	3.6	6.4	5.1	4.2	5.1	6.7	7.5	10.6	9.7	8.9	8.5	9.1	6.6	6.2	8.5	7.6	5.8	3.6	3.0	2.3	3.0	3.2	3.4	6.1
15	3.6	3.7	4.1	4.1	4.6	4.9	5.5	5.4	6.5	6.3	6.3	6.0	6.6	5.8	5.3	5.4	4.8	4.9	4.1	4.1	4.6	4.0	4.2	4.2	5.0
16	4.4	3.7	4.6	4.6	5.3	6.1	6.3	7.4	8.5	8.3	6.5	7.9	7.9	8.0	7.9	7.7	6.8	6.0	4.9	4.9	3.5	3.4	3.7	3.5	6.0
17	3.7	2.9	3.4	3.6	3.6	2.9	2.9	2.8	1.6	1.5	3.6	4.2	4.9	6.1	6.3	6.8	6.5	5.6	3.4	3.6	0.9	3.0	2.9	4.2	3.6
18	4.2	5.3	5.0	5.0	5.4	5.4	5.3	4.4	5.9	5.9	5.3	5.6	6.0	6.3	6.7	6.3	5.7	5.4	4.0	4.2	4.1	3.4	4.1	3.9	5.1
19	4.0	4.6	5.0	5.1	4.9	4.9	5.0	4.7	5.6	5.8	5.9	5.6	5.6	3.9	3.4	2.7	2.0	1.9	2.1	1.7	1.5	3.0	2.9	2.6	3.9
20	3.9	4.6	4.1	4.4	4.7	5.3	5.3	4.8	5.8	5.5	5.5	5.8	6.4	6.6	6.4	6.4	6.0	4.9	4.0	4.1	3.9	4.8	5.0	4.9	5.1
21	4.5	3.4	4.5	5.7	5.1	5.0	5.4	4.7	5.7	5.9	5.9	6.8	7.2	6.6	6.4	6.3	5.9	5.7	5.1	4.2	4.5	4.5	4.1	3.8	5.3
22	3.2	4.0	3.2	4.2	5.4	5.3	5.6	5.0	7.8	8.6	7.8	7.3	8.2	7.6	6.9	6.8	7.0	5.6	5.7	4.6	3.9	4.0	4.5	4.2	5.7
23	3.7	4.2	4.8	4.4	4.4	4.8	5.5	5.4	7.6	7.0	6.7	6.9	7.2	6.6	5.1	4.4	3.6	2.6	2.5	2.3	1.7	1.2	1.5	1.9	4.4
24	3.1	3.6	3.5	2.1	2.3	2.3	3.7	3.7	5.8	5.7	6.5	6.7	7.3	7.9	5.8	4.9	3.4	0.6	0.0	0.6	1.3	2.0	3.0	3.9	3.7
25	3.4	3.0	3.8	3.8	4.6	5.0	5.5	6.4	7.2	7.6	7.3	7.3	7.3	6.9	6.5	6.1	5.9	5.4	4.2	3.5	2.2	2.6	3.4	2.6	5.1
26	2.3	3.4	3.5	3.8	4.7	4.8	4.9	6.5	7.3	6.8	6.6	7.0	7.3	7.3	6.0	7.3	6.6	6.1	5.8	5.1	4.2	4.1	3.9	4.0	5.5
27	4.4	3.9	4.7	4.9	4.8	4.6	6.0	6.5	8.8	8.2	8.0	8.3	8.3	8.3	7.5	6.8	6.4	6.1	4.7	4.8	4.1	3.4	2.6	2.6	5.8
28	2.2	2.8	3.8	4.5	4.9	4.9	5.7	6.5	8.8	8.2	7.2	6.8	7.4	8.9	7.7	7.3	6.5	5.8	5.6	4.6	3.6	3.4	3.2	5.0	5.8
AVG	3.6	3.7	4.0	4.1	4.1	4.4	5.1	5.2	6.4	6.2	6.4	6.6	7.9	7.1	6.8	6.5	5.8	4.9	4.1	3.7	3.5	3.6	3.7	3.7	5.0
STD	0.9	1.2	1.1	1.1	1.3	1.6	1.2	1.3	2.5	2.4	2.0	1.6	1.5	1.4	1.5	1.6	1.6	1.7	1.6	1.5	1.5	1.3	1.1	1.0	0.9
MAX	5.0	6.0	6.4	5.7	5.8	6.6	7.2	7.5	11.0	9.7	10.1	10.6	11.4	10.1	9.5	9.6	8.7	8.6	8.2	6.6	6.8	8.3	7.0	5.5	6.6
MIN	0.9	0.3	0.9	0.9	0.7	1.3	1.0	2.0	1.3	1.1	2.1	3.4	4.2	3.9	3.4	2.7	2.0	0.6	0.0	0.6	0.9	1.2	1.5	1.2	2.9

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RAS GOLLAN,EGYPT MARCH 1988 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.4	5.7	5.6	5.1	5.7	5.9	5.9	7.8	9.1	9.4	9.1	8.7	8.8	8.6	8.4	8.2	7.3	6.7	6.9	6.6	6.3	5.7	4.8	5.7	6.9
2	6.3	5.9	6.9	6.3	6.1	6.6	7.2	8.9	11.6	12.9	13.8	12.9	12.4	12.7	12.9	12.2	11.1	9.9	6.5	7.3	6.4	7.2	5.3	5.9	9.1
3	6.5	5.8	5.1	6.1	6.8	7.7	5.6	6.5	8.8	8.4	8.8	8.4	7.9	8.4	7.8	6.7	6.8	6.1	5.7	4.9	3.8	3.8	3.7	3.7	6.3
4	4.2	4.8	3.6	3.6	3.6	4.8	3.6	2.7	2.8	3.2	3.1	3.8	3.6	3.8	4.1	3.1	2.5	2.6	3.5	3.6	2.9	2.8	1.7	2.3	3.3
5	2.7	3.8	1.9	1.7	1.7	2.6	2.5	2.3	2.5	4.5	6.5	6.9	6.7	7.4	6.5	6.1	5.1	4.5	2.6	2.8	1.8	2.3	1.9	2.6	3.7
6	1.8	1.3	1.3	1.1	1.8	3.9	3.9	6.4	7.8	7.5	7.7	10.2	10.3	7.8	6.7	12.3	9.1	9.5	8.2	9.7	11.2	12.8	10.6	9.9	7.1
7	6.9	7.3	6.8	7.8	8.8	7.3	6.1	6.1	7.8	7.6	7.9	7.4	8.8	9.1	7.8	7.2	5.9	5.8	3.9	3.1	2.9	3.2	3.5	2.6	6.2
8	8.4	8.8	8.9	8.1	8.8	8.8	2.5	2.6	2.3	3.6	4.9	6.3	7.8	8.5	8.4	8.8	7.8	7.8	5.9	5.3	4.9	4.7	3.8	3.9	4.2
9	4.1	3.6	2.9	3.6	3.6	2.6	5.3	5.3	5.1	6.5	5.8	5.8	6.8	6.6	4.7	5.1	7.9	8.9	6.9	4.2	2.9	1.7	2.8	3.1	4.8
10	3.9	4.6	4.7	4.8	4.9	6.7	6.3	7.7	10.2	9.7	9.5	9.4	9.4	9.1	8.8	8.8	7.9	7.9	6.8	5.7	4.8	4.7	4.4	4.4	6.8
11	4.5	4.4	4.7	5.5	5.6	5.5	6.4	8.2	9.4	9.9	8.8	8.3	8.2	8.8	7.6	7.6	7.3	6.7	5.9	5.7	3.5	3.6	4.4	4.5	6.4
12	4.9	5.7	6.3	6.6	5.7	5.6	6.4	7.2	7.9	8.6	7.8	6.7	8.9	8.7	8.7	7.8	7.8	7.8	5.8	4.9	5.9	4.8	4.1	4.2	6.7
13	3.8	3.4	4.1	4.7	5.1	6.4	6.5	6.1	7.8	5.1	6.1	7.7	5.8	5.5	6.8	4.7	3.2	2.2	1.1	1.2	1.2	0.8	1.6	1.8	4.3
14	1.9	2.3	2.5	2.8	2.2	4.4	3.2	1.2	1.8	3.5	4.8	6.8	5.4	5.8	4.1	3.1	1.9	1.9	1.7	1.6	2.2	3.8	5.5	4.9	3.2
15	4.7	5.3	7.2	8.2	7.5	6.9	7.4	9.3	10.6	10.4	10.2	9.9	9.8	10.8	10.5	9.3	8.8	7.5	6.3	5.8	5.1	3.9	5.8	5.3	7.7
16	5.6	5.4	5.8	5.9	5.8	5.7	5.5	7.8	7.6	8.8	8.5	8.3	8.8	8.7	9.2	6.5	8.8	6.6	5.7	4.9	3.8	3.6	3.8	3.7	6.4
17	4.2	4.6	5.4	4.6	5.5	6.4	6.1	7.4	6.7	6.4	6.3	6.8	6.5	6.5	6.5	5.8	4.8	3.4	1.9	2.3	2.1	2.6	3.2	3.2	5.0
18	3.6	4.1	4.8	5.1	5.3	6.6	6.6	7.6	10.2	9.1	8.5	8.8	9.6	11.5	11.3	8.8	7.3	7.2	4.9	3.7	4.6	4.6	4.4	4.6	6.7
19	4.8	5.1	5.8	5.3	4.5	5.9	6.8	6.6	7.6	7.7	7.8	7.6	8.8	8.2		8.8	7.5	8.5	4.2	3.7	4.8	3.8	3.9	3.8	5.9
20	4.4	4.6	4.9	5.8	4.7	5.6	5.7	8.4	9.4	9.7	10.1	10.1	10.1	10.4	9.5	9.1	8.5	7.6	5.9	4.9	4.8	5.8	5.9	4.7	7.0
21	4.9	5.8	5.9	6.7	6.9	6.4	7.8	9.2	9.8	11.1	9.9	9.8	9.3	8.5	6.2	7.8	7.8	7.6	6.7	5.8	4.8	4.2	3.2	4.4	7.1
22	4.7	4.6	2.5	3.4	4.8	5.5	4.7	3.6	4.8	5.1	4.5	4.4	3.9	3.6	3.2	2.5	1.6	0.7	0.6	0.8	0.8	1.6	2.1	2.6	3.1
23	2.6	3.7	2.3	1.2	0.6	0.3	1.6	1.8	3.7	3.5	4.7	5.7	5.1	4.7	5.1	4.4	3.9	2.8	1.3	0.8	1.9	1.8	2.7	2.6	2.8
24	2.7	3.2	3.8	2.2	4.2	4.7	6.9	7.7	6.4	8.6	7.7	7.7	8.3	9.3	9.3	8.5	7.6	7.8	7.2	6.4	6.5	5.8	6.1	7.5	8.5
25	8.8	8.9	9.7	9.7	9.9	10.6	11.3	11.7	11.4	11.5	11.8	10.2	11.2	11.7	12.1	11.5	10.7	10.6	10.8	10.4	9.6	7.7	6.1	6.1	10.1
26	6.4	5.9	6.7	6.6	6.6	6.8	6.5	6.4	5.5	5.9	6.5	7.5	7.8	6.6	6.9	6.8	7.8	5.8	5.8	5.7	5.4	4.6	5.3	5.3	6.2
27	5.3	5.8	5.4	5.3	5.1	5.3	5.9	6.6	8.9	6.3	8.4	6.8	7.8	8.3	7.4	7.4	5.7	5.4	5.7	6.1	6.3	5.4	4.1	5.8	6.4
28	4.7	3.8	4.6	5.8	4.8	6.6	6.3	8.7	9.2	9.1	8.4	8.2	8.5	8.7	7.6	6.6	5.9	5.1	4.5	3.9	2.9	2.8	2.3	1.8	5.8
29	1.8	2.9	4.8	4.8	5.3	6.3	5.6	4.9	4.9	3.9	3.8	3.7	3.8	4.1	3.2	2.2	1.8	0.6	0.9	0.6	0.7	0.2	0.1	1.3	3.0
30	0.8	3.9	1.6	1.8	0.8	0.7	1.2	1.3	6.8	7.3	8.7	8.3	7.7	6.7	6.1	6.8	6.8	4.4	3.6	3.8	3.6	2.8	2.7	3.2	4.1
31	3.2	3.2	3.6	3.6	3.7	3.7	4.5	5.7	4.9	5.9	6.8	7.3	7.4	7.3	7.2	7.2	6.1	4.4	3.2	3.4	3.7	2.9	3.5	3.6	4.8
AVG	4.3	4.4	4.5	4.6	4.7	5.3	5.5	6.3	7.2	7.5	7.5	7.8	7.8	7.9	7.5	7.1	6.4	5.8	4.9	4.4	4.2	4.0	3.9	4.1	5.7
STD	1.9	1.7	2.0	2.2	2.2	2.1	1.9	2.6	2.7	2.6	2.2	2.0	2.0	2.3	2.4	2.5	2.4	2.5	2.5	2.4	2.4	2.3	1.9	1.7	1.8
MAX	8.9	8.9	9.7	9.7	9.9	10.6	11.3	11.7	11.6	12.9	13.8	12.9	12.4	12.7	12.9	12.3	11.1	10.6	10.8	10.4	11.2	12.8	10.6	9.9	10.1
MIN	0.4	0.6	0.9	0.1	0.8	0.3	1.2	1.2	1.8	3.2	3.1	3.7	3.8	3.6	3.2	2.2	1.6	0.8	0.6	0.0	0.6	0.2	0.1	1.3	2.8

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RAS EL HEKMA,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																			8.4	6.1	5.4	4.6	4.4	3.8	5.4
3	1.8	1.8	3.[illegible]	3.1	3.0	3.1	3.4	3.2	4.6	5.4	5.3	5.5		5.5	5.4	4.8	4.8	5.3	4.7	4.1	3.1	3.5	3.1	2.3	3.7
4	3.1	3.2	3.9	3.6	3.6	3.5	3.4	3.4	3.9	3.6	4.0	4.5	4.8	4.7	4.6	5.1	5.4	5.1	4.4	2.5	2.2	2.2	2.3	2.6	3.7
5	2.6	2.8	2.9	3.0	2.3	1.6	2.2	1.7	4.2	4.6	4.1	3.9	4.2	4.4	5.5	5.8	5.7	5.9	4.5	3.1	1.5	0.4	0.8	1.7	3.3
6	2.9	3.4	3.1	3.5	3.5	3.6	3.1	3.8	3.7	4.7	4.2	4.0	3.8	4.2	4.6	4.7	5.1	5.8	4.5	3.1	2.6	2.2	1.7	2.3	3.7
7	2.8	2.6	2.6	2.7	2.9	2.2	2.3	2.1	2.2	1.9	1.9	1.9	3.0	3.9	4.2	4.6	3.8	3.7	2.6	1.5	1.9	2.7	3.1	3.2	2.8
8	3.5	3.6	3.9	5.8	4.8	5.4	6.1	4.9	6.3	6.3	5.8	5.6	6.5	6.8	6.3	6.2	7.4	6.5	5.9	5.4	5.1	5.1	4.5	3.7	5.6
9	2.6	3.4	3.5	3.7	3.8	3.4	4.6	4.6	6.1	6.7	5.7	5.1	4.6	5.1	4.9	5.7	5.9	6.3	5.1	3.4	3.0	2.9	2.8	2.1	4.4
10	2.5	2.1	2.5	2.8	2.0	1.5	1.7	2.3	2.7	1.1	0.9	1.2	1.3	3.1	2.7	4.1	4.1	4.4	2.9	1.9	2.2	1.7	1.5	2.5	2.3
11	2.5	1.5	1.6	1.5	1.1	0.8	1.1	0.9	1.9	2.2	2.0	2.8	3.4	3.9	3.2	3.5	3.8	3.0	2.3	1.9	1.3	1.7	1.1	0.9	2.1
12	2.2	2.1	2.2	3.0	3.4	1.7	2.3	2.9	4.2	4.6	5.5	5.4	4.2	4.4	3.6	3.5	3.6	3.5	2.7	2.3	2.0	2.6	2.9	2.9	3.2
13	2.9	2.3	2.1	2.7	2.7	1.8	0.7	1.1	2.5	2.8	4.8	4.8	5.6	10.3	11.1	10.7	9.6	8.2	6.7	6.6	7.6	7.8	7.4	6.4	5.4
14	6.3	5.9	5.8	4.8	5.1	4.8	4.7	5.1	4.0	3.9	3.8	3.5	3.9	3.8	3.9	3.8	4.1	4.5	3.5	3.0	2.1	1.8	1.9	0.8	4.0
15	1.0	0.4	1.7	0.9	1.1	0.7	0.7	1.9	4.5	5.0	4.9	4.9	5.1	5.9	6.7	7.8	8.2	7.4	6.1	6.7	6.5	6.5	7.8	6.3	4.5
16	4.9	5.1	4.6	4.9	7.5	5.9	5.4	7.3	9.1	8.7	8.3	7.4	7.8	8.3	8.2	8.5	8.2	8.0	7.4	7.8	7.4	6.8	7.0	7.0	7.2
17	7.6	7.0	5.8	5.0	4.2	6.4	8.6	8.8	9.7	9.8	9.4	8.9	9.4	9.9	9.9	8.9	7.6	5.9	4.2	2.6	1.5	0.6	0.6	0.9	6.3
18	2.2	3.0	3.1	3.6	3.9	3.4	3.0	3.1	4.8	5.7	4.9	4.5	4.1	5.3	6.4	5.7	4.9	4.7	4.2	4.0	4.2	4.0	2.1	3.4	4.1
19	3.2	4.5	4.2	4.1	4.5	4.1	3.2	4.5	5.8	4.7	3.4	5.1	5.3	5.3	4.7	5.0	5.4	5.4	5.3	4.1	3.5	3.4	2.7	2.5	4.3
20	4.1	4.6	3.6	3.7	3.1	3.1	4.4	4.2	6.3	7.3	6.4	6.1	7.7	6.6	5.9	6.0	5.9	4.9	2.9	2.6	3.4	3.2	3.2	4.1	4.7
21	7.4	4.1	2.5	2.9	3.0	3.9	6.6	6.6	7.5	7.4	8.2	7.9	8.0	9.4	11.1	8.8	8.5	7.7	6.9	7.4	8.5	8.6	8.2	8.6	7.1
22	7.0	7.5	7.2	7.0	5.4	5.6	6.0	6.9	7.9	7.5	7.4	7.9	7.9	8.3	8.6	7.6	7.5	8.0	7.5	6.0	5.8	5.1	5.1	5.3	6.9
23	4.1	3.1	2.5	3.1	2.8	3.2	2.6	2.5	1.0	1.8	2.6	3.0	3.6	3.5	3.6	3.6	4.9	4.7	3.8	2.0	3.4	4.1	3.6	4.1	3.2
24	6.1	6.1	7.6	10.1	9.5	7.8	7.4	9.2	11.3	12.4	12.9	13.2	15.0	14.1	13.7	13.4	12.1	11.4	10.1	9.2	8.3	7.3	6.9	6.8	10.1
25	6.0	3.1	6.1	6.1	6.1	5.8	6.1	7.5	7.8	7.8	7.8	7.6	7.8	7.9	7.4	6.5	6.4	5.8	4.1	3.4	3.9	4.4	3.4	2.9	6.0
26	3.0	2.9	2.9	2.3	3.1	2.6	2.8	4.1	5.1	4.9	4.6	4.9	4.9	4.9	4.1	3.8	3.7	3.4	3.7	1.7	1.5	2.5	2.2	2.9	3.4
27	3.4	2.5	3.2	4.0	3.1	3.2	3.2	3.6	4.1	3.6	3.4	2.7	2.0	2.7	4.2	4.6	4.9	4.1	2.0	2.6	3.7	4.6	3.0	3.7	3.4
28	4.8	5.6	7.0	6.4	6.7	6.7	6.3	5.0	5.1	5.0	5.0	4.7	3.6	3.6	4.2	4.4	4.5	5.0	4.2	4.6	4.4	5.6	5.7	5.1	5.2
29	5.4	4.9	3.8	3.3	3.7	3.0	1.9	2.8	6.5	6.7	6.9	7.6	8.2	9.1	8.7	10.6	9.5	6.6	5.8	5.7	7.9	6.1	7.8	8.0	6.3
30	8.2	7.5	7.0	8.5	8.5	8.4	7.8	7.8	8.4	8.5	9.1	7.2	7.5	8.9	9.5	8.7	8.3	7.3	6.6	6.3	6.1	6.4	6.7	6.5	7.7
AVG	4.1	3.9	3.9	4.1	4.1	3.8	4.0	4.4	5.4	5.5	5.5	5.4	5.7	6.2	6.4	6.4	6.2	5.8	4.9	4.2	4.1	4.1	3.9	3.9	4.6
STD	1.9	1.6	1.7	2.0	2.0	2.0	2.1	2.3	2.4	2.6	2.6	2.4	2.8	2.7	2.8	2.5	2.1	1.8	1.9	2.1	2.2	2.1	2.3	2.1	1.8
MAX	8.2	7.5	7.6	10.1	9.5	6.4	8.6	9.2	11.3	12.4	12.9	13.2	15.0	14.1	13.7	13.4	12.1	11.4	10.1	9.2	8.5	8.6	6.2	8.6	10.1
MIN	1.0	0.4	1.6	0.9	1.1	0.7	0.7	0.9	1.0	1.1	0.9	1.2	1.3	2.7	2.7	3.5	3.6	3.0	2.0	1.5	1.3	0.4	0.0	0.0	2.1

RAS EL HEKMA,EGYPT MAY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	6.4	6.4	5.9	5.9	5.5	5.4	6.6	8.0	8.5	8.6	9.1	8.6	8.5	7.9	8.4	8.3	8.7	8.6	8.4	8.0	7.9	6.7	5.6	6.0	7.4
2	6.3	6.5	6.3	6.6	6.5	8.7	6.8	7.3	7.4	6.4	5.6	5.8	5.8	5.6	6.3	6.4	6.1	6.3	5.7	4.5	3.8	3.0	2.8	2.6	5.7
3	2.6	2.3	1.0	1.5	0.8	0.2	0.2	0.1	0.7	0.9	1.2	1.7	3.0	3.6	4.0	3.9	3.9	3.4	3.1	2.0	2.2	2.3	1.6	2.3	2.0
4	3.1	3.2	3.2	3.1	3.1	3.4	3.8	5.3	5.1	3.6	1.7	1.6	5.1	4.9	4.7	5.0	4.8	4.2	4.1	2.0	4.5	3.7	3.6	3.4	3.8
5	4.1	3.9	3.0	3.9	2.7	2.8	3.6	3.7	5.7	5.6		4.2	4.1	5.4	6.8	6.0	6.9	6.7	5.4	4.7	5.0	5.6	5.6	5.0	4.6
6	4.8	4.8	4.4	5.0	7.5	7.5	4.5	6.0	6.7	8.0	9.8	10.1	9.9	8.0	7.2	5.7	4.0	4.5	2.8	5.3	7.0	8.7	6.6	6.4	6.5
7	6.7	5.6	4.9	4.6	3.0	4.9	7.7	10.3	11.3	9.8	11.0	10.1	10.3	10.1	9.7	10.1	10.3	9.9	8.7	7.[illegible]	7.0	6.6	7.0	6.9	8.1
8	7.3	7.2	6.5	6.3	6.0	5.3	4.9	5.8	5.1	4.7	3.5	2.8	3.2	3.5	3.9	3.8	4.1	3.8	3.6	2.9	2.5	1.8	2.8	1.9	4.3
9	2.1	2.3	2.0	2.5	3.7	3.0	3.2	3.0	3.2	3.9	3.9	3.2	4.9	4.1	4.8	6.0	8.0	8.5	6.7	6.9	7.2	6.5	7.7	7.6	5.0
10	7.4	7.0	6.3	10.5	11.2	8.7	10.5	13.1	13.4	12.7	11.1	14.0	12.9	11.6	12.4	12.0	10.8	11.0	8.6	6.6	6.6	5.4	4.1	4.5	9.7
11	3.7	4.6	4.1	3.8	4.2	4.9	4.9	6.5	7.0	7.2	7.5	7.2	7.5	7.0	7.2	7.4	6.9	6.8	6.4	5.5	3.6	1.8	1.6	1.5	5.4
12	0.9	0.8	0.3	0.8	1.6	1.7	2.0	2.3	2.9	3.5	3.4	4.5	5.5	6.4	6.9	7.2	7.5	6.1	4.7	3.5	3.5	2.6	1.3	1.6	3.4
13	3.7	3.5	2.5	1.7	1.2	1.9	1.6	1.3	3.1	3.4	3.8	3.7	3.8	4.2	5.3	4.8	4.5	4.0	4.0	3.0	2.6	1.7	2.2	2.7	3.1
14	2.7	0.9	1.3	1.5	1.8	1.7	1.3	1.8	2.0	3.1	3.7	3.8	4.0	5.5	5.1	4.6	4.0	3.0	3.0	2.2	1.0	0.1	1.1	0.2	2.5
15	0.9	2.2	2.6	2.5	1.0	2.1	1.8	1.5	1.2	1.8	2.2	2.1	1.9	3.2	3.0	3.1	3.6	3.4	2.9	2.2	2.3	2.3	3.9	3.4	2.4
16	2.6	3.4	3.0	2.8	2.9	3.5	2.6	3.7	3.5	3.5	2.9	2.5	2.9	3.8	3.9	4.0	3.7	3.6	3.4	3.1	3.2	3.7	3.1	2.6	3.2
17	3.6	4.2	4.2	4.1	4.5	4.5	3.8	6.1	6.3	6.6	5.8	4.7	5.6	6.5	6.4	6.1	6.3	6.3	6.9	6.8	6.5	5.3	6.6	5.6	5.5
18	5.4	4.7	4.6	5.1	4.6	5.9	5.6	5.7	5.3	5.3	4.5	7.2	8.3	9.2	8.4	8.0	8.0	7.6	8.8	7.9	4.2	2.9	2.8	2.9	5.9
19	2.9	4.9	4.5	2.5	3.4	3.8	4.2	5.0	5.6	6.3	6.7	7.2	6.7	6.3	6.0	6.1	6.0	4.8	3.7	2.5	3.5	4.2	2.8	2.1	4.7
20	3.0	2.9	2.0	2.6	2.3	2.8	2.8	2.9	2.8	3.0	1.3	2.3	3.7	3.9	4.9	4.9	4.6	3.6	3.0	1.9	6.3	0.6	0.7	1.7	2.7
21	1.7	2.1	2.3	2.3	2.0	2.8	2.3	2.6	2.5	3.0	3.9	5.9	6.3	6.9	5.7	10.3	7.3	5.4	4.8	6.0	4.4	4.1	5.5	5.1	4.4
22	5.1	4.5	4.9	3.8	7.4	6.4	7.9	7.2	5.9	7.5	9.6	6.9	6.4	7.3	7.8	7.4	5.9	9.3	6.1	6.7	9.1	9.0	3.4	7.0	7.0
23	6.7	8.3	9.2	9.7	10.3	10.2	9.4	9.2	9.8	11.2	10.2	10.2	10.5	10.8	9.9	9.6	9.9	9.3	8.5	7.9	6.7	5.7	5.1	5.0	8.9
24	5.6	6.1	5.1	3.8	4.9	4.6	5.1	5.5	6.3	6.3	7.2	6.8	6.9	7.0	6.6	6.6	6.5	6.5	5.0	1.8	1.6	0.6	0.9	1.8	5.0
25	2.3	3.1	3.2	2.1	1.2	3.0	2.1	1.3	0.4	1.3	2.2	2.1	3.6	4.5	5.5	5.3	3.4	3.2	2.9	1.7	1.6	1.6	2.7	2.8	2.7
26	1.9	2.1	2.7	3.9	3.4	3.6	3.9	3.5	4.0	4.1	4.2	3.6	2.9	4.1	5.4	5.3	5.1	5.5	4.5	4.7	4.7	7.3	7.0	7.0	4.4
27	7.0	7.7	7.4	7.5	7.9	8.4	8.4	9.6	9.7	9.2	7.2	6.6	9.8	10.1	11.4	11.3	11.5	10.1	10.3	8.2	8.1	6.4	5.8	5.3	8.5
28	5.0	5.8	5.5	4.7	6.7	6.6	7.0	9.4	10.6	10.7	10.3	9.1	9.6	10.1	9.4	8.3	8.2	7.9	7.3	7.2	7.0	6.6	4.9	3.1	7.5
29	4.1	4.7	4.9	4.7	5.1	5.4	6.0	7.4	8.0	7.6	7.6	7.6	7.6	7.0	7.0	6.5	7.5	6.5	5.4	4.1	4.1	3.7	2.9	3.0	5.8
30	3.8	4.2	3.9	4.0	3.8	4.2	3.6	3.7	4.4	4.7	4.0	3.6	4.9	5.3	4.5	4.5	4.6	4.0	3.6	2.1	0.9	2.3	2.7	2.8	3.6
31	1.3	0.9	1.8	2.7	2.0	1.6	1.5	1.1	1.0	1.8	2.2	2.0	6.3	5.1	5.1	5.0	4.2	3.6	2.9	2.2	2.2	3.0	3.6	2.9	2.6
AVG	4.6	4.2	4.0	4.1	4.3	4.4	4.5	5.2	5.6	5.6	5.4	5.6	6.2	6.4	6.6	6.6	6.4	6.0	5.4	4.6	4.3	4.2	4.6	3.8	5.0
STD	1.9	2.0	1.9	2.2	2.6	2.3	2.5	3.1	3.2	3.0	3.2	3.0	2.7	2.3	2.2	2.2	2.3	2.3	2.2	2.2	2.3	2.5	2.1	1.9	2.1
MAX	7.4	8.3	9.2	10.5	11.2	10.2	10.5	13.1	13.4	12.7	11.1	14.0	12.9	11.6	12.4	12.0	11.5	11.0	10.3	8.2	9.1	9.8	8.4	7.6	9.7
MIN	0.9	0.8	0.3	0.8	0.0	0.2	0.2	0.1	0.4	0.9	1.2	1.6	1.9	3.2	3.0	3.1	3.4	3.0	2.8	1.7	0.3	0.1	0.7	0.2	2.0

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RAS EL HEKMA,EGYPT JUNE 1985 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	2.6	3.7	4.4	4.9	5.0	5.6	5.8	5.8	5.8	6.8	6.4	6.6	6.5	7.4	8.0	8.4	8.2	7.9	6.5	6.7	7.2	6.7	7.4	7.3	6.5
2	7.2	6.5	6.7	6.3	6.1	6.0	5.4	7.4	9.9	9.3	9.1	8.0	8.2	10.4	10.2	9.2	8.7	8.3	7.2	6.4	6.3	6.6	7.5	6.7	7.6
3	8.9	9.7	10.5	9.6	9.2	8.2	8.6	8.2	6.7	8.2	8.7	9.4	9.7	10.4	9.8	9.4	8.9	8.6	8.7	7.9	7.5	7.4	7.6	7.7	8.8
4	7.6	6.9	6.6	6.1	5.7	6.4	5.6	7.2	8.2	8.0	7.5	6.7	6.5	6.5	6.9	7.0	6.7	5.9	6.0	4.4	2.9	3.7	4.6	4.2	6.2
5	4.7	5.7	5.0	4.4	4.1	3.5	4.8	5.0	5.0		3.4	4.0	4.9	4.7	4.5	5.0	5.0	4.6	3.9	3.7	2.7	2.5	2.2	1.9	4.0
6	2.8	3.1	3.2	2.8	2.7	2.0	2.2	2.7	2.8	0.9	1.1	2.3	4.1	5.1	5.6	5.3	4.8	4.2	3.7	2.6	1.6	2.8	2.2	6.6	2.9
7	1.6	3.0	2.8	2.7	2.6	1.6	0.9	1.6	2.1	3.1	3.0	4.5	5.7	6.4	5.9	5.8	5.7	5.6	5.3	4.0	2.6	2.6	2.8	4.0	3.6
8	4.9	4.8	4.9	4.8	4.4	4.1	3.1	3.7	4.5	4.9	5.8	6.4	6.4	6.9	7.5	7.3	7.2	6.8	5.8	4.1	3.0	3.2	3.6	3.4	5.1
9	2.7	3.0	3.0	3.1	3.6	3.8	4.2	4.8	5.1	5.9	5.6	5.7	5.6	5.5	5.8	5.6	5.5	4.5	3.4	2.0	2.7	1.9	2.1	1.7	4.0
10	1.0	2.1	2.3	3.5	3.0	3.8	4.6	4.9	3.6	3.9	3.4	3.6	4.7	5.4	5.7	5.4	6.3	6.3	5.1	4.6	4.1	3.9	3.8	3.6	4.2
11	3.0	3.9	5.3	5.4	5.8	5.0	4.9	5.5	5.4	5.8	6.7	5.8	6.0	6.1	6.3	5.0	4.4	5.9	5.0	4.8	4.4	4.2	3.9	3.8	5.1
12	3.2	3.6	4.0	4.1	4.7	3.7	3.7	3.7	3.4	3.4	2.1	2.8	4.8	5.4	7.5	6.9	5.1	4.7	3.4	1.7	2.2	1.8	2.8	3.0	3.9
13	2.7	2.5	3.6	2.3	2.5	3.5	3.2	3.5	3.2	2.9	4.0	4.5	4.8	5.5	5.1	5.0	4.9	4.4	3.7	2.1	1.6	1.2	2.9	1.6	3.3
14	0.9	1.7	2.3	2.3	1.6	1.7	1.9	1.8	1.3	1.9	2.3	2.9	4.1	4.5	4.2	3.0	4.0	4.0	3.7	3.4	2.7	3.0	3.0	2.3	2.7
15	3.8	3.5	3.4	1.9	1.0	1.9	2.6	2.9	3.2	3.9	3.7	3.6	4.1	5.5	5.5	6.0	6.5	5.7	5.4	4.4	3.9	4.1	4.9	4.6	4.0
16	4.5	4.4	5.6	5.1	4.7	4.6	5.7	7.7	8.6	8.0	7.9	7.9	8.0	8.5	7.8	6.3	7.5	7.0	6.7	5.7	4.0	4.2	4.4	4.1	6.3
17	3.7	3.8	3.8	3.0	3.8	3.6	3.4	6.5	8.0	8.4	7.5	8.7	8.6	10.3	10.5	9.7	10.1	9.8	8.5	6.7	6.3	6.7	6.1	5.0	6.8
18	5.0	4.4	5.0	4.5	3.4	3.6	3.2	3.8	6.3	9.9	9.5	12.5	13.1	12.4	11.7	10.8	11.0	10.6	9.8	8.4	7.6	7.6	7.9	8.8	8.0
19	9.2	10.1	9.5	8.2	8.3	8.7	8.9	9.4	8.9	7.9	8.5	8.3	7.9	8.7	9.3	8.7	8.2	8.0	7.7	6.5	4.8	4.2	3.5	3.2	7.8
20	3.1	2.9	3.0	3.6	3.4	3.5	3.2	5.5	5.5	5.5	6.4	6.8	6.1	5.9	5.8	5.7	5.7	5.5	4.9	3.6	2.8	1.0	0.7	1.5	4.2
21	1.3	0.9	1.8	3.2	4.5	4.4	4.0	4.4	3.9	3.0	2.1	2.8	3.2	2.6	2.9	4.7	5.8	6.0	5.5	2.5	8.0	9.6	8.5	7.8	4.3
22	8.3	8.5	7.4	5.6	6.3	6.4	6.6	7.5	6.9	6.9	7.2	6.9	6.7	7.2	6.9	7.2	6.9	7.0	7.5	6.7	6.8	6.3	6.0	5.3	6.9
23	4.7	3.9	3.8	3.7	3.6	2.9	2.6	3.1	2.5	2.7	2.3	2.9	3.8	4.2	4.9	5.4	5.5	4.5	4.7	4.2	3.2	2.3	1.0	1.3	3.5
24	1.1	1.5	1.5	1.3	1.3	1.7	1.9	2.6	3.6	3.2	2.8	3.0	4.1	5.5	6.8	7.4	6.8	6.3	4.0	1.9	1.8	0.8	0.9	1.5	3.0
25	1.0	1.2	2.5	2.3	1.9	3.2	2.9	4.7	6.1	8.8	6.7	6.8	7.2	7.7	7.4	7.7	7.8	6.9	6.5	8.4	5.9	5.4	4.9	5.1	5.2
26	4.4	3.5	3.6	3.7	4.0	4.4	4.8	6.5	6.8	6.9	7.2	7.4	8.0	8.5	9.1	9.5	9.2	8.8	7.7	6.0	5.4	5.3	4.8	4.8	6.2
27	4.5	4.7	5.3	5.5	5.6	5.7	8.4	7.5	8.0	8.7	8.9	8.3	9.2	9.2	8.7	8.9	9.6	9.3	8.4	7.0	6.5	5.3	5.7	5.5	7.2
28	4.9	4.7	5.0	4.2	3.8	2.8	3.6	4.8	5.4	6.4	8.8	7.5	7.8	7.3	6.5	6.7	6.9	8.0	5.3	3.9	2.9	2.9	3.5	3.1	5.1
29	3.2	3.5	3.5	3.8	3.1	3.7	3.7	3.7	4.8	5.1	5.7	7.3	7.5	7.2	7.3	8.4	8.6	8.0	6.9	5.9	5.8	5.3	4.7	3.2	5.4
30	3.4	4.1	3.7	2.8	3.9	3.6	4.4	4.4	4.2	4.1	4.9	5.4	6.0	6.6	6.8	8.6	6.5	5.7	5.8	3.9	3.9	2.9	3.1	2.6	4.5
AVG	4.1	4.2	4.4	4.2	4.1	4.1	4.2	5.0	5.4	5.4	5.5	6.0	6.5	6.9	7.0	7.0	8.9	6.6	5.9	4.8	4.4	4.2	4.2	4.0	5.2
STD	2.2	2.2	2.1	1.8	1.8	1.7	1.8	2.0	2.2	2.5	2.4	2.4	2.1	2.1	2.0	1.8	1.8	1.8	1.8	1.9	1.9	2.2	2.1	2.1	1.7
MAX	9.2	10.1	10.5	9.6	9.2	8.7	8.9	9.4	9.9	9.9	9.5	12.5	13.1	12.4	11.7	10.8	11.0	10.6	9.8	8.7	8.0	9.6	8.5	8.8	8.8
MIN	0.9	0.9	1.5	1.3	1.0	1.6	0.9	1.6	1.3	1.0	1.1	2.3	3.2	2.6	2.9	3.8	4.0	4.0	3.4	1.7	1.6	0.8	0.7	0.6	2.7

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RAS EL HEKMA,EGYPT JULY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.6	2.9	3.6	3.6	2.7	2.8	3.0	5.8	7.6	6.2	7.6	7.0	6.7	7.2	7.7	7.7	6.2	7.5	7.5	6.5	5.6	5.6	5.6	4.9	5.7
2	4.5	3.8	3.7	3.4	3.7	3.8	3.4	5.6	6.1	6.1	6.3	5.4	5.5	5.3	4.9	5.5	5.6	6.0	5.6	4.5	3.5	3.6	4.9	4.2	4.6
3	3.7	3.6	3.1	3.7	3.5	3.2	3.6	4.4	6.3	6.0	6.5	6.5	6.1	6.6	7.5	7.5	7.8	7.8	6.7	6.0	5.3	4.7	4.7	3.9	5.4
4	4.4	5.0	5.6	3.9	3.4	3.8	5.3	6.4	7.0	6.6	6.4	6.4	6.5	6.6	6.8	7.2	7.4	7.2	6.7	5.5	5.4	4.6	4.1	4.1	5.6
5	4.0	3.8	4.0	4.7	4.8	4.5	6.0	7.8	6.8	8.7	8.9	9.6	15.2	16.3	16.5	16.6	10.6	11.1	9.5	9.4	9.3	6.5	4.6	4.4	7.6
6	5.6	5.0	4.5	4.5	3.1	1.6	3.2	4.6	3.5	2.7	3.5	3.9	4.9	5.1	4.9	5.5	5.7	4.7	3.5	2.6	1.6	2.3	1.5	2.6	3.6
7	2.9	3.4	3.2	3.9	3.5	3.5	4.1	4.6	4.5	3.1	1.7	4.0	5.3	6.0	6.5	7.5	7.9	7.6	6.6	6.0	5.8	5.3	4.0	4.0	4.8
8	4.2	4.1	4.1	3.6	3.9	3.5	4.7	5.5	5.9	6.7	6.9	6.6	6.3	6.4	6.9	6.9	6.8	6.6	6.6	5.7	4.8	4.8	3.8	3.6	5.4
9	4.1	4.6	4.4	4.1	4.0	3.9	4.8	6.0	6.0	6.4	6.6	5.9	6.3	7.0	7.5	7.6	7.2	7.5	7.3	5.3	3.7	3.4	3.6	4.2	5.5
10	4.1	4.1	3.9	3.6	3.4	3.0	3.0	4.4	5.4	5.5	5.7	6.4	6.7	6.3	6.4	6.6	6.7	6.9	6.5	4.5	3.7	3.4	3.1		4.9
11	2.8	3.2	3.4	3.5	3.5	3.6	4.8	5.1	5.6	6.0	6.3	6.8	6.5	6.5	6.6	7.0	7.0	6.8	6.8	6.3	5.3	4.6	4.2	4.1	5.3
12	4.1	3.9	4.0	4.0	4.1	5.3	5.1	5.6	5.6	6.5	6.4	6.6	7.3	7.5	7.5	7.2	6.9	7.4	7.4	6.1	6.1	5.6	5.4	5.5	5.9
13	5.7	5.3	4.7	4.5	4.6	4.4	4.6	7.3	7.2	7.6	7.9	8.2	8.3	9.1	8.7	6.0	8.0	6.6	6.6	4.0	2.8	2.3	1.7	2.7	6.0
14	2.6	3.0	2.6	2.5	2.1	2.6	2.5	2.5	3.7	5.0	5.0	5.1	5.5	5.9	6.4	7.3	6.6	6.1	5.5	4.1	3.6	3.7	3.5	2.1	4.1
15	3.0	3.2	3.0	3.2	3.4	2.9	3.5	3.8	3.6	3.9	4.1	4.6	5.0	5.9	6.4	6.9	6.5	6.0	4.8	2.7	1.8	1.3	0.6	2.1	3.8
16	2.7	2.3	2.6	3.1	3.1	2.9	2.9	3.2	3.8	3.1	2.9	4.1	4.6	5.6	6.4	6.5	6.6	6.4	5.6	4.0	2.5	1.7	2.1	2.2	3.6
17	2.8	3.5	3.5	3.1	3.0	3.4	3.1	4.5	5.4	6.4	6.8	6.9	6.6	7.0	7.7	7.5	8.8	6.6	6.3	5.1	4.8	5.3	6.4	6.5	5.4
18	6.3	3.8	2.9	2.9	2.7	3.0	3.4	4.7	6.5	7.2	8.3	9.3	9.5	9.7	9.2	9.6	9.9	9.4	8.6	6.4	5.9	6.0	5.9	5.7	6.5
19	5.6	6.3	6.4	6.6	6.3	6.7	6.4	7.2	7.4	7.6	8.4	8.9	10.1	9.4	8.0	6.9	7.9	7.9	7.5	6.5	6.9	5.7	5.5	5.4	7.1
20	4.6	3.7	3.2	3.5	3.7	3.9	4.0	4.7	6.3	7.5	8.0	8.6	9.1	8.7	9.7	10.1	9.9	8.6	7.5	5.7	5.7	6.0	5.4	5.1	6.4
21	5.4	5.1	5.5	4.7	4.0	4.2	4.9	5.8	7.3	7.5	6.4	6.4	5.8	5.9	8.4	7.5	6.2	7.6	6.0	5.4	4.6	4.2	4.2	4.1	5.7
22	3.0	2.6	2.8	3.0	3.4	3.1	2.7	3.6	3.7	4.2	3.7	4.0	5.1	5.8	8.7	7.0	6.9	6.9	7.0	5.1	4.0	4.1	4.6	4.0	4.5
23	3.2	2.8	3.2	3.7	4.0	2.9	4.8	6.1	6.8	6.5	6.9	7.0	7.9	8.3	8.7	8.5	9.1	8.8	8.8	7.0	6.4	6.5	5.9	4.5	6.2
24	4.4	4.7	5.4	5.1	5.4	5.3	5.5	7.8	7.5	8.4	8.8	9.3	8.7	9.2	9.6	9.4	8.9	8.5	7.7	6.4	6.1	5.6	5.1	5.6	7.0
25	6.0	6.3	6.4	5.0	5.3	5.4	5.8	7.4	7.4	7.2	6.6	6.4	7.3	7.3	7.2	7.9	8.0	7.4	6.7	5.4	5.0	5.0	4.7	4.4	6.3
26	4.4	4.6	5.1	4.6	3.8	4.0	4.6	5.9	7.3	7.0	7.0	8.6	8.8	7.6	7.2	6.8	7.9	7.3	6.7	5.5	4.0	4.1	3.5	3.6	5.9
27	3.9	4.2	3.9	4.7	5.9	6.0	5.9	7.9	8.4	8.2	6.3	6.5	9.7	8.8	8.6	10.3	10.7	9.6	8.7	7.6	6.6	5.9	5.6	4.9	7.2
28	4.1	3.8	3.8	3.8	4.0	3.9	3.6	4.5	5.0	4.6	4.9	6.1	6.3	6.4	7.0	7.5	7.5	8.0	7.0	5.3	3.7	3.2	3.7	3.7	5.1
29	5.0	5.4	4.7	2.9	4.0	4.0	4.0	5.6	6.1	5.7	5.8	5.9	5.7	6.3	6.0	6.7	7.2	6.1	4.7	2.9	1.1	1.5	0.4	1.0	4.5
30	2.8	3.6	4.6	3.6	3.9	4.4	4.8	5.4	5.7	6.0	6.1	5.9	5.7	5.6	5.9	6.6	5.9	6.0	5.1	4.5	4.6	4.1	3.7	2.7	4.8
31	3.2	3.6	4.1	4.0	4.1	4.6	4.5	5.0	6.0	5.8	4.8	3.9	4.5	4.2	4.8	4.9	5.0	5.3	4.5	3.0	2.3	2.5	3.2	4.5	4.3
AVG	4.1	4.0	4.0	3.9	3.9	3.9	4.3	5.4	6.0	6.2	6.2	6.5	6.9	7.0	7.2	7.5	7.6	7.4	6.6	5.4	4.6	4.3	4.6	4.6	5.5
STD	1.0	1.0	1.0	0.8	0.9	1.1	1.1	1.3	1.4	1.6	1.7	1.7	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.0	1.5	1.5	1.2	1.0
MAX	6.3	6.3	6.4	6.6	6.3	6.7	6.4	7.9	8.0	8.7	8.9	9.6	10.2	10.3	10.5	10.8	10.7	11.1	9.5	9.4	9.3	6.5	6.4	6.5	7.6
MIN	2.6	2.3	2.6	2.5	2.1	1.0	2.5	2.5	3.5	2.7	1.7	3.9	4.5	4.2	4.0	4.9	5.0	4.7	3.5	2.7	1.1	1.3	0.4	1.0	3.8

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RAS EL HEKMA, EGYPT AUGUST 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.0	3.7	3.5	3.4	3.8	3.9	3.1	4.5	5.0	4.4	4.6	5.4	6.6	5.4	5.3	4.4	4.2	5.1	6.1	6.3	4.9	4.2	5.3	5.0	4.8
2	4.9	4.2	5.5	6.3	4.9	5.0	4.8	5.9	6.4	6.6	5.8	5.7	5.7	5.6	5.8	6.6	6.7	6.7	6.1	4.7	4.2	3.2	4.1	3.9	5.4
3	4.1	4.2	5.4	4.1	4.7	4.8	5.0	6.8	7.3	7.2	7.5	7.3	6.6	6.1	6.1	6.1	7.7	8.3	7.6	7.3	8.2	6.4	8.5	8.3	6.6
4	9.1	9.9	10.4	9.9	7.6	6.3	4.9	5.7	6.4	6.7	7.8	6.8	9.2	9.1	8.9	6.6	8.8	8.7	7.2	5.9	6.1	6.6	5.9	5.3	7.7
5	4.7	3.9	3.9	4.1	4.4	4.9	4.9	6.0	7.6	7.9	8.2	7.7	7.7	7.7	7.5	8.0	8.7	7.8	7.0	5.6	4.6	3.5	3.7	3.2	6.0
6	2.7	2.7	2.6	3.1	3.1	2.0	2.8	2.5	2.5	2.3	2.7	3.0	4.1	4.2	4.2	5.1	5.9	5.6	4.5	2.7	1.6	2.1	1.8	2.3	3.2
7	3.1	3.0	2.6	2.6	3.2	2.5	3.0	1.9	0.1	0.6	2.1	2.8	3.9	5.1	5.3	5.1	4.8	3.9	3.7	3.1	1.9	1.2	0.2	0.9	2.6
8	2.2	2.3	2.3	3.2	3.2	3.0	4.2	4.9	5.6	5.9	6.1	7.2	7.9	7.8	8.2	6.8	8.6	7.9	7.6	7.6	7.5	7.6	7.3	7.0	6.0
9	6.4	5.8	5.1	4.6	4.7	4.5	4.5	6.3	6.9	6.6	6.7	6.5	7.2	7.6	8.4	9.1	8.9	9.1	8.7	7.9	6.9	6.6	5.9	6.1	6.7
10	5.0	5.6	5.1	5.4	5.3	5.4	5.7	5.8	7.5	7.4	7.0	7.2	6.1	6.6	7.0	7.0	7.8	7.9	7.4	8.0	4.8	3.8	4.1	4.1	6.1
11	4.0	4.4	4.8	4.6	4.2	3.8	3.6	4.7	5.5	5.8	6.4	6.6	7.2	7.8	8.2	8.2	7.8	7.4	6.6	4.2	3.6	3.0	2.8	2.9	5.3
12	3.1	3.4	3.9	3.1	3.5	3.6	3.4	3.7	4.4	4.2	4.5	4.5	4.7	5.5	5.7	6.4	8.3	6.0	5.6	3.7	2.1	1.7	2.0	2.7	4.0
13	2.7	2.7	2.1	2.7	2.0	3.1	3.0	4.0	4.4	4.4	4.7	5.4	5.1	5.1	5.5	5.5	5.7	5.8	5.4	4.0	2.3	1.7	1.2	0.1	3.7
14	0.1	1.0	2.0	2.2	3.0	2.8	2.6	2.7	4.0	4.0	4.6	4.5	5.0	5.1	5.9	5.9	6.6	6.8	5.8	3.2	2.9	1.6	1.6	2.0	3.6
15	2.3	2.6	2.9	3.4	3.6	3.6	2.8	3.4	3.6	2.9	3.1	4.9	6.3	6.7	6.6	6.6	6.5	5.9	4.0	3.5	3.4	2.9	2.3	2.3	4.9
16	2.3	2.9	3.6	2.9	3.4	3.1	2.8	3.9	4.8	3.9	2.0	1.6	3.1	4.2	4.7	4.1	4.4	3.2	2.7	1.7	0.7	0.7	2.0	2.5	3.0
17	3.0	3.5	3.0	2.7	3.0	3.1	3.0	2.7	2.0	0.9	1.5	1.8	4.0	6.0	6.6	6.6	6.6	6.4	5.5	5.0	4.5	4.4	3.1	2.7	3.0
18	2.3	3.0	2.5	2.3	2.6	2.7	2.9	3.6	3.8	4.0	4.5	4.7	5.1	5.8	6.5	6.6	6.4	5.7	4.9	3.7	3.0	1.9	1.7	2.6	3.9
19	2.6	2.7	2.7	2.5	2.5	2.8	2.9	4.8	5.5	5.1	5.1	5.3	5.5	5.6	6.0	6.6	6.4	6.3	5.6	3.9	4.4	4.1	3.8	3.7	4.4
20	4.7	4.5	4.7	4.2	4.7	4.9	5.0	6.1	6.6	6.5	6.9	7.6	8.6	8.8	9.6	9.3	9.7	9.1	7.8	7.5	7.0	6.6	6.4	6.5	6.8
21	6.0	5.9	6.3	5.0	5.7	5.9	5.3	6.3	7.2	7.4	6.9	7.5	7.7	7.5	7.9	8.0	8.5	8.5	7.9	7.0	7.0	7.4	7.5	7.2	7.0
22	7.0	7.3	7.5	5.7	4.4	4.7	5.4	6.1	7.4	7.3	7.4	7.9	8.3	8.0	7.9	8.2	8.0	7.5	7.0	5.7	5.6	4.9	5.1	5.6	6.6
23	4.9	4.9	5.1	4.6	4.0	3.9	3.9	4.4	4.6	4.4	4.5	4.8	4.6	4.9	4.9	5.3	5.1	5.5	5.0	4.2	3.7	4.1	2.8	2.3	4.4
24	2.3	2.1	2.3	3.4	3.7	3.5	3.1	3.2	3.1	3.4	3.4	4.0	4.5	5.0	5.0	5.1	6.3	6.5	5.4	4.8	4.4	4.0	3.7	3.8	4.0
25	3.5	2.0	2.1	2.5	2.7	2.3	2.5	4.1	4.8	5.1	5.4	6.3	7.4	7.5	7.5	7.4	7.5	7.7	6.6	8.7	5.4	5.6	5.5	4.9	5.1
26	4.8	3.9	4.6	3.8	4.4	2.7	2.7	3.6	6.4	6.6	7.2	7.3	8.2	8.4	8.6	9.3	9.2	8.0	7.3	6.0	5.9	6.4	5.8	5.7	6.1
27	5.8	5.9	5.6	4.6	4.9	5.2	7.0	8.8	8.2	9.4	9.8	9.7	10.3	10.5	10.2	10.5	10.1	9.8	9.4	7.8	6.5	6.7	6.8	6.6	7.9
28	7.0	6.7	7.3	9.4	9.8	10.4	9.8	10.3	11.0	9.7	9.9	9.6	9.1	8.7	8.8	8.7	9.2	9.1	8.5	8.5	7.9	7.3	7.4	7.4	8.8
29	6.9	6.5	5.9	5.6	5.5	5.0	4.2	4.2	6.5	6.8	7.4	7.7	7.9	7.7	7.6	7.9	7.6	7.8	7.2	5.7	5.1	5.0	4.9	4.4	6.3
30	3.9	3.5	3.4	2.8	3.0	2.9	2.7	3.5	4.6	5.1	5.7	6.0	6.6	7.2	7.0	6.8	6.6	6.6	5.6	3.8	3.0	2.6	2.8	2.7	4.5
31	2.8	3.1	2.5	2.6	3.2	3.5	3.6	4.4	6.1	6.9	7.4	7.6	8.6	8.3	8.2	8.4	8.2	7.8	6.0	6.0	5.7	5.3	5.0	4.5	5.7
AVG	4.1	4.1	4.2	4.1	4.2	4.1	4.0	4.6	5.5	5.5	5.7	6.0	6.5	6.8	7.0	7.1	7.2	7.1	6.4	5.3	4.7	4.3	4.2	4.1	5.3
STD	1.9	1.8	1.9	1.8	1.5	1.6	1.5	1.7	2.1	2.1	2.1	2.0	1.8	1.6	1.5	1.6	1.5	1.5	1.5	1.7	1.9	2.1	2.1	2.0	1.5
MAX	9.1	9.9	10.4	9.9	9.8	10.4	9.8	10.3	11.0	9.7	9.9	9.7	10.3	10.5	10.2	10.5	10.1	9.6	9.4	8.5	6.2	6.4	6.5	6.3	6.8
MIN	0.1	1.0	2.0	2.2	2.6	2.3	2.5	1.9	0.1	0.6	1.5	1.0	3.1	4.2	4.2	4.1	4.2	3.2	2.7	1.7	0.7	0.7	0.2	0.1	2.0

RAS EL HEKMA,EGYPT SEPTEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.1	4.5	4.6	5.1	4.0	2.7	3.4	4.1	6.5	7.9	8.0	7.9	7.7	7.8	7.8	8.0	7.3	7.5	6.8	5.6	4.6	4.7	3.7	3.1	5.7
2	3.1	3.5	3.7	2.7	2.6	2.6	2.9	3.8	4.6	5.6	6.1	6.1	5.9	5.5	5.5	6.3	6.6	7.6	6.0	4.6	3.7	2.3	2.1	1.9	4.4
3	1.7	1.9	2.3	2.7	2.7	3.0	2.8	2.7	4.5	5.0	5.8	4.9	5.0	5.5	5.9	6.5	6.6	6.5	5.1	4.5	4.2	3.7	3.4	3.6	4.2
4	3.1	2.3	3.1	3.2	2.8	3.2	3.2	3.6	5.3	5.5	6.7	7.3	7.5	7.6	8.3	8.5	8.6	8.0	6.7	6.0	5.9	5.3	4.9	5.0	5.5
5	5.0	5.9	6.6	6.0	6.5	6.9	6.6	6.9	6.7	7.3	7.4	7.6	7.5	7.0	7.6	7.7	8.3	8.0	7.9	7.8	7.6	7.7	6.6	6.3	7.0
6	5.7	5.6	5.5	5.7	6.3	6.0	5.7	7.3	8.3	7.4	6.0	5.7	6.5	6.9	7.2	7.3	7.3	7.0	6.1	4.2	3.0	1.9	1.0	1.6	5.6
7	2.0	2.3	2.6	2.6	2.7	2.6	2.7	2.3	2.6	3.4	3.8	4.1	4.8	5.5	5.9	6.4	5.9	5.3	4.4	3.8	3.2	3.1	3.7	3.6	3.7
8	3.5	3.2	2.9	3.1	3.2	3.7	3.5	3.0	3.6	4.6	5.0	5.7	6.0	6.1	6.8	7.8	7.7	7.3	6.8	5.6	5.1	4.1	4.0	3.8	4.8
9	4.0	5.1	4.2	4.5	3.7	4.2	4.6	4.9	5.8	6.1	6.3	6.6	6.8	6.9	7.2	7.3	7.2	6.8	5.7	4.2	3.2	2.3	2.5	1.6	5.1
10	1.5	1.8	1.5	2.0	1.9	1.9	2.2	1.6	2.5	2.6	4.2	4.4	5.3	5.4	5.7	5.8	5.5	5.3	4.1	2.8	2.1	2.1	2.9	2.9	3.2
11	1.5	1.0	1.3	1.8	1.5	3.0	3.2	3.4	4.4	5.6	6.3	6.3	8.3	6.8	6.6	6.9	7.4	7.0	5.8	4.9	4.7	4.5	4.9	5.1	4.6
12	4.7	3.7	4.1	4.1	4.2	4.1	4.4																		4.2
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AVG	3.3	3.4	3.5	3.6	3.5	3.6	3.8	4.0	4.9	5.5	5.9	6.1	6.3	6.5	6.8	7.1	7.1	6.9	5.9	4.9	4.3	3.8	3.6	3.5	4.8
STD	1.4	1.5	1.5	1.3	1.5	1.3	1.3	1.7	1.8	1.6	1.2	1.2	1.0	0.9	0.9	0.8	0.9	0.9	1.1	1.3	1.5	1.6	1.5	1.5	1.0
MAX	5.7	5.9	6.6	6.0	6.5	6.0	6.6	7.3	8.3	7.9	8.0	7.9	7.7	7.8	8.3	8.5	8.6	8.0	7.9	7.8	7.6	7.7	6.6	6.3	7.0
MIN	1.5	1.0	1.3	1.8	1.5	1.9	2.2	1.6	2.0	2.6	3.8	4.1	4.8	5.4	5.5	5.8	5.5	5.3	4.1	2.8	2.1	1.9	1.0	1.6	3.2

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RAS EL HEKMA,EGYPT NOVEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																									
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10																									
11																									
12																									
13																									
14																									
15															5.4	5.6	5.8	4.1	3.7	3.4	3.0	3.6	2.7	3.1	4.0
16	2.8	3.0	2.9	3.2	3.4	2.9	3.0	2.7	3.1	4.5	4.5	5.3	5.8	5.4	5.7	6.3	6.3	4.6	3.1	3.7	4.1	4.6	3.8	4.2	4.1
17	3.6	3.5	3.6	4.1	4.6	6.6	6.9	6.5	6.4	6.9	6.4	6.4	6.9	7.3	7.6	7.2	6.8	5.3	5.0	4.9	4.6	5.0	4.2	3.2	5.5
18	3.4	3.1	3.0	4.5	3.7	3.4	2.9	3.1	3.6	3.9	3.8	3.8	4.5	4.2	4.7	5.1	4.7	4.1	3.6	3.6	3.7	3.7	3.2	3.1	3.8
19	3.4	3.2	3.4	3.4	0.6	0.1	0.8	1.6	1.7	3.1	3.7	3.9	4.5	4.8	5.1	5.0	4.5	3.4	2.9	2.7	3.0	4.1	4.0	4.1	3.2
20	3.1	2.9	1.6	0.6	0.8	1.3	1.5	1.5	1.7	2.7	2.6	2.6	2.5	2.5	3.0	2.9	3.1	2.5	2.3	1.5	1.2	0.9	1.2	0.8	2.0
21	0.8	0.6	1.7	2.2	2.3	1.2	2.2	1.9	2.0	1.9	1.9	2.3	3.1	3.4	3.8	3.6	3.8	2.2	1.9	0.6	1.0	1.1	0.4	0.9	2.0
22	1.3	2.7	3.2	2.6	2.8	3.1	3.2	2.9	2.1	2.1	2.1	2.1	2.2	2.2	3.4	3.6	3.4	3.1	2.2	2.1	1.6	1.3	1.9	2.7	2.5
23	1.2	1.1	0.9	1.7	1.1	0.2	0.4	1.0	0.1	1.1	2.6	3.0	2.9	3.5	3.5	4.0	3.4	3.8	3.9	4.4	4.5	3.1	3.0	3.8	2.4
24	3.4	3.0	3.7	3.5	3.8	4.5	4.8	6.4	6.0	7.3	9.5	8.3	7.8	7.4	7.0	6.5	6.9	6.6	4.8	3.9	5.4	5.5	5.9	6.5	5.8
25	7.3	7.3	7.8	7.2	6.9	6.5	6.0	7.9	8.8	10.1	10.5	10.1	10.7	9.9	9.1	8.3	7.0	4.1	3.7	3.9	4.4	4.8	4.5	5.1	7.3
26	4.8	5.7	4.6	4.8	4.6	3.7	4.5	4.0	5.5	4.9	5.3	5.7	6.1	5.9	4.6	4.6	3.4	1.9	1.1	1.0	2.3	3.5	4.1	4.9	4.3
27	5.1	4.6	4.8	4.7	4.4	4.2	3.9	2.5	2.3	5.3	6.5	6.6	6.6	5.6	5.0	4.0	3.5	2.7	3.1	3.6	2.3	2.7	2.5	3.2	4.2
28	6.0	5.3	3.8	1.9	2.2	4.5	4.2	5.8	3.5	4.6	4.5	3.8	3.7	3.1	4.5	4.6	4.8	4.2	3.8	3.7	3.4	2.9	3.5	4.5	4.0
29	4.1	5.0	4.8	4.6	5.4	5.4	5.5	6.3	6.4	7.3	8.0	8.3	7.8	9.2	10.5	7.5	6.7	6.6	7.2	8.2	7.9	7.6	6.9	5.1	6.6
30	5.6	7.6	7.4	7.7	7.9	7.7	7.7	7.3	7.5	7.7	8.6	9.1	8.9	8.9	8.0	8.9	8.9	8.6	9.7	9.4	8.5	7.7	8.0	8.6	8.2
AVG	3.7	3.9	3.6	3.8	3.6	3.8	4.0	4.1	4.1	4.9	5.4	5.4	5.6	5.6	5.7	5.5	5.1	4.3	3.9	3.8	3.8	3.9	3.8	4.0	4.4
STD	1.8	1.9	1.8	1.9	2.0	2.4	2.3	2.3	2.5	2.5	2.7	2.6	2.5	2.4	2.1	1.7	1.7	1.6	2.0	2.2	2.1	1.9	1.9	1.9	1.8
MAX	7.3	7.6	7.8	7.7	7.9	8.5	6.0	7.9	8.8	10.1	10.5	10.1	10.7	9.9	10.5	8.9	8.9	8.6	9.7	9.4	8.5	7.7	8.0	8.6	8.2
MIN	0.8	0.8	0.9	0.6	0.8	0.1	0.4	1.0	0.1	1.1	1.9	2.1	2.2	2.2	3.0	2.9	3.1	1.9	1.1	0.3	1.0	0.9	0.4	0.8	2.0

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RAS EL HEKMA,EGYPT DECEMBER 1986 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.3	7.6	7.9	7.8	7.3	7.3	6.4	6.4	7.3	7.7	8.0	7.8	7.6	7.5	7.8	8.2	7.4	5.9	5.1	5.6	4.4	4.5	4.0	5.1	6.8
2	5.8	4.4	5.8	6.3	6.6	6.1	6.8	7.9	7.6	9.1	9.4	8.8	9.5	9.6	10.1	9.6	7.9	7.6	7.3	6.9	6.3	7.3	7.3	7.7	7.6
3	7.4	7.9	7.6	7.9	8.6	7.6	7.6	7.2	7.3	7.4	7.4	7.3	7.3	7.2	6.8	6.8	6.3	5.7	5.5	5.0	4.5	4.5	4.1	4.4	6.6
4	4.0	4.5	4.4	5.0	4.9	5.0	3.9	4.2	4.7	6.0	5.6	5.7	5.8	5.9	5.5	4.6	3.5	1.9	3.2	2.7	2.1	2.2	1.5	1.3	4.1
5	1.3	1.7	2.5	3.0	2.5	2.5	2.5	2.6	2.3	2.3	1.2	2.3	3.1	3.0	2.9	2.7	3.4	2.1	1.9	2.2	1.8	1.7	1.3	1.5	2.3
6	1.6	1.6	1.6	1.6	1.6	2.1	1.9	1.9	1.6	2.8	3.2	3.2	3.2	3.0	3.1	3.8	3.9	2.9	2.8	2.8	2.0	3.5	3.6	3.6	2.7
7	3.1	2.5	2.8	2.8	3.2	2.6	2.1	2.6	2.6	3.6	3.9	4.8	4.8	4.8	5.3	5.5	5.6	5.7	4.6	5.0	4.6	4.1	3.9	4.2	4.0
8	4.0	3.6	4.2	3.5	3.6	3.1	3.6	2.8	4.1	4.9	5.8	6.3	6.5	6.7	5.0	4.1	4.1	3.4	2.9	3.4	2.1	3.5	1.3	1.6	3.9
9	2.5	1.7	1.5	0.4	0.8	1.2	2.5	3.1	3.0	1.6	1.7	1.7	1.5	2.0	2.9	2.9	3.0	2.2	2.6	2.5	2.0	1.2	1.2	0.6	2.0
10	1.2	0.9	1.3	1.6	0.6	0.2	1.3	1.6	1.9	1.9	1.7	1.7	2.5	2.1	2.9	5.7	2.2	2.2	2.6	1.9	1.1	0.6	1.5	1.3	1.8
11	1.7	2.3	1.5	2.1	1.6	1.9	2.0	2.0	1.6	0.9	3.6	3.5	4.0	3.6	3.7	3.7	3.5	3.2	3.1	3.4	3.6	3.9	3.7	1.8	2.8
12	1.6	0.9	1.5	1.9	2.1	3.2	4.6	3.9	4.7	5.7	6.5	6.8	6.6	6.7	6.7	6.6	6.1	5.3	3.9	3.6	4.0	4.0	4.5	5.1	4.4
13	4.8	4.8	3.2	2.7	2.1	1.8	1.6	2.7	2.5	2.6	1.6	2.3	2.9	4.7	4.6	5.4	4.0	3.4	3.2	2.6	2.0	2.7	2.5	3.5	3.1
14	3.1	3.5	4.0	3.7	3.4	2.8	3.5	4.1	3.6	3.0	4.2	5.3	5.1	5.1	6.5	5.8	4.5	2.6	2.9	3.2	3.5	2.6	0.9	1.1	3.7
15	1.5	2.3	2.0	1.0	1.6	2.3	2.0	1.2	2.1	2.5	3.2	3.5	3.6	4.4	5.0	4.5	3.6	2.9	3.1	3.1	2.3	2.3	2.2	2.1	2.7
16	2.1	2.1	1.7	1.8	1.8	3.5	2.9	1.5	0.7	1.7	4.6	4.4	4.4	4.0	3.9	3.0	3.9	3.1	3.2	3.0	3.2	3.5	2.1	3.1	2.9
17	3.0	2.6	3.2	3.5	3.0	2.8	4.4	4.5	8.3	9.3	8.3	7.4	7.2	7.4	8.9	7.6	6.7	6.0	5.8	4.5	5.7	9.3	8.9	6.2	6.1
18	7.4	6.4	7.8	6.0	7.5	7.5	8.0	8.6	9.4	8.4	8.6	8.5	8.8	8.5	8.2	6.8	8.3	5.5	5.6	4.8	5.1	4.5	4.4	4.1	7.1
19	3.9	3.6	3.7	3.9	4.2	4.5	5.1	4.6	5.1	5.4	5.5	6.0	6.9	5.9	5.7	5.0	3.8	3.0	2.6	1.5	1.2	1.2	1.7	2.1	4.0
20	2.8	2.7	2.7	3.0	3.6	3.1	3.6	3.8	3.4	3.7	5.4	5.3	5.5	4.7	4.9	4.2	3.7	3.9	3.5	3.5	4.2	4.7	4.0	4.6	3.9
21	4.5	4.1	4.1	4.2	4.6	5.3	6.3	5.1	5.5	5.9	7.2	7.2	6.8	6.4	7.0	7.7	7.7	7.9	7.7	6.9	5.9	5.3	4.4	3.1	5.9
22	3.0	5.7	4.0	3.9	1.9	2.1	3.4	3.1	4.4	3.5	3.6	4.8	5.6	6.4	3.9	7.6	3.2	2.1	3.5	4.6	4.8	4.9	4.7	5.4	4.2
23	5.8	4.7	5.4	5.5	4.9	5.7	5.4	5.3	5.6	6.6	6.1	7.0	8.3	8.4	7.7	6.8	5.6	4.1	3.7	3.7	3.7	4.6	5.0	5.6	5.7
24	4.0	4.2	5.3	4.8	5.8	5.5	5.5	4.9	4.7	5.1	5.7	6.5	6.0	5.1	5.5	5.7	4.0	3.1	3.6	3.6	4.0	4.6	4.9	5.5	4.9
25	4.9	4.6	5.0	4.9	4.7	4.2	4.4	4.7	4.7	4.7	5.5	7.6	8.5	6.5	7.0	7.5	5.4	6.1	5.4	4.9	6.4	4.9	3.9	4.0	5.4
26	4.5	4.6	4.6	4.6	4.1	4.7	4.1	4.4	4.2	4.8	5.0	5.4	6.8	8.9	7.4	6.5	6.0	3.8	3.9	4.0	4.5	4.4	4.5	4.2	4.9
27	4.0	4.4	4.8	4.6	4.6	5.6	5.9	5.8	5.5	5.3	5.9	5.9	6.4	5.9	6.0	6.0	5.4	3.5	3.2	4.1	4.4	4.7	4.9	5.0	5.1
28	5.4	5.4	5.3	6.1	5.6	6.0	5.7	5.5	5.5	4.9	5.6	5.9	5.8	6.1	6.1	5.3	4.1	2.1	1.8	2.3	2.9	3.0	3.1	3.2	4.7
29	2.8	2.3	3.5	3.7	3.6	3.5	2.7	2.8	1.3	1.2	2.6	2.1	1.9	1.9	2.8	2.5	2.9	2.7	2.6	1.5	1.8	1.5	1.6	2.0	2.4
30	3.5	3.9	3.5	3.0	3.4	3.8	4.5	4.6	5.3	4.8	4.0	4.8	8.4	6.0	4.5	6.1	5.3	3.9	3.9	3.1	3.0	2.2	1.7	2.9	4.1
31	3.7	3.9	3.9	2.9	2.0	2.9	3.4	4.0	2.2	3.6	3.7	2.0	2.6	3.0	2.8	2.8	1.6	1.7	2.2	2.0	2.6	3.6	3.1	2.7	2.9
AVG	3.0	3.0	3.9	3.9	3.8	3.9	4.1	4.1	4.3	4.6	5.0	5.2	5.5	5.5	5.5	5.5	4.7	3.9	3.8	3.6	3.6	3.7	3.4	3.6	4.3
STD	1.6	1.9	1.8	1.9	2.0	1.9	1.8	1.8	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.6	1.7	1.5	1.4	1.4	1.7	1.8	1.6	1.5
MAX	8.3	8.4	7.9	8.0	8.6	7.6	8.0	8.8	9.4	9.3	9.4	8.8	9.5	9.6	10.1	9.6	7.9	7.9	7.7	6.9	6.4	9.3	8.9	8.2	7.6
MIN	1.2	0.9	1.3	0.4	0.6	0.2	1.3	1.2	0.7	0.9	1.2	1.7	1.5	1.9	2.8	2.5	1.6	1.7	1.8	1.5	1.1	0.6	0.9	0.6	1.8

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RAS EL HEKMA, EGYPT JANUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	2.6	2.5	2.2	3.2	3.5	3.1	3.4	3.4	3.8	3.9	4.1	7.2	7.5	7.7	7.6	6.8	5.8	4.9	4.8	5.1	5.1	5.5	5.1	4.8	4.7
2	4.7	4.6	4.9	5.8	6.3	5.9	7.6	7.7	4.4	7.5	8.3	9.7	9.7	9.4	9.4	9.8	9.3	6.6	5.3	5.5	5.8	5.6	6.3	5.9	6.9
3	5.9	6.6	6.4	6.3	6.4	5.8	4.1	4.1	4.1	4.6	4.9	5.6	5.7	6.4	5.9	5.7	4.7	3.8	2.9	2.1	1.9	1.7	2.7	2.9	4.6
4	2.2	1.7	3.2	3.2	3.1	2.3	2.3	2.7	2.9	3.1	2.6	1.2	1.8	1.8	3.8	3.1	2.1	2.1	2.8	1.3	1.7	1.2	1.6	1.6	2.2
5	1.6	1.9	2.2	2.5	1.8	1.2	2.2	1.9	2.2	2.9	2.9	2.6	2.2	1.2	1.8	1.5	2.8	2.1	1.1	1.9	2.3	2.1	1.7	1.2	1.9
6	2.7	2.6	2.3	1.9	1.9	2.8	3.7	5.1	4.4	4.4	3.8	2.8	2.6	4.1	4.2	5.1	5.8	5.6	5.4	4.7	3.5	4.2	4.7	3.8	3.8
7	1.1	1.6	1.9	1.3	2.7	3.7	4.2	4.8	5.8	7.3	8.2	8.5	8.6	7.8	6.5	6.8	4.2	2.2	2.8	3.7	4.2	4.7	4.7	5.4	4.6
8	5.3	5.8	5.5	6.3	6.5	6.5	6.1	6.1	6.1	6.4	7.2	7.4	7.6	8.8	7.3	6.7	6.1	4.8	4.4	3.6	2.7	2.9	2.9	2.3	5.8
9	3.6	3.9	3.9	4.8	3.5	3.8	4.1	4.6	4.7	3.8	3.9	4.1	3.6	3.8	2.9	3.4	3.6	2.3	2.2	2.7	3.8	3.6	3.9	4.1	3.6
10	4.6	4.5	4.7	4.8	4.1	4.6	4.9	5.1	4.8	6.0	6.8	7.7	7.8	7.6	5.7	5.1	4.6	2.7	3.2	3.5	4.8	4.7	4.5	4.8	5.8
11	4.8	5.3	5.7	5.5	5.1	5.6	3.9	4.8	4.9	4.6	6.1	7.4	8.2	8.3	7.6	7.6	6.6	5.3	4.8	3.9	3.8	4.5	5.4	5.9	5.6
12	6.7	7.5	7.2	7.3	5.4	5.6	4.6	4.8	5.8	4.9	6.6	6.3	6.7	5.6	5.9	6.4	6.8	5.8	4.6	4.4	3.6	3.5	4.2	4.8	5.5
13	4.2	4.1	4.1	4.9	5.1	4.9	4.9	5.8	4.9	5.1	6.8	5.8	6.3	6.6	6.5	5.6	6.8	4.6	3.6	3.9	4.7	4.9	4.6	4.9	5.1
14	5.6	5.1	4.9	4.7	4.7	5.8	4.6	4.9	5.9	6.4	7.6	7.6	7.9	8.3	7.5	8.2	7.9	6.7	5.3	5.8	6.3	6.7	5.3	5.1	6.2
15	5.6	7.8	7.8	7.8	6.6	5.6	6.8	7.2	7.2	7.8	7.9	6.7	6.5	7.5	8.2	7.6	5.9	4.1	3.5	3.7	3.9	4.8	4.5	6.4	6.1
16	4.9	4.6	5.1	5.5	4.9	5.3	6.8	6.9	6.5	4.9	7.3	7.5	7.5	8.6	8.4	7.4	6.6	3.9	4.1	4.7	4.8	5.3	5.8	5.3	5.8
17	5.7	5.8	5.5	5.4	5.5	5.8	5.8	5.8	7.3	7.8	9.1	8.7	8.6	8.6	8.3	8.3	7.2	5.1	3.7	4.1	4.6				6.5
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AVG	4.2	4.4	4.5	4.6	4.5	4.5	4.6	4.9	5.0	5.4	6.1	6.3	6.4	6.4	6.3	6.1	5.6	4.2	3.7	3.8	3.9	4.1	4.2	4.2	4.9
STD	1.6	1.6	1.6	1.7	1.6	1.4	1.4	1.4	1.4	1.5	1.9	2.3	2.5	2.5	2.1	2.0	1.8	1.5	1.2	1.2	1.3	1.5	1.3	1.5	1.4
MAX	6.7	7.5	7.2	7.3	6.6	6.5	7.6	7.7	7.3	7.8	9.1	9.7	9.7	9.4	9.4	9.6	9.3	6.7	5.4	5.8	6.3	6.7	6.3	6.4	6.9
MIN	1.1	1.6	1.9	1.3	1.8	1.2	2.2	1.9	2.2	2.9	2.6	1.2	1.8	1.8	1.8	1.5	2.8	2.1	1.1	1.3	1.7	1.2	1.6	1.2	1.9

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RAS EL HEKMA,EGYPT FEBRUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10															7.2	7.0	5.7	3.4	2.1	1.1	0.2	0.3	1.3	1.6	3.0
11	1.1	1.2	0.7	0.4	0.1	0.0	0.7	1.0	1.7	3.0	4.4	4.9	4.7	4.0	3.1	2.1	5.0	4.6	3.9	2.6	2.2	2.0	3.7	3.0	2.5
12	4.1	3.0	4.0	5.5	4.6	4.0	4.1	4.5	5.9	6.7	7.4	7.5	7.7	7.3	7.0	5.7	5.1	5.3	4.9	5.4	6.6	6.9	6.6	4.0	5.7
13	4.2	3.9	4.1	4.0	4.4	3.0	3.0	3.1	4.1	5.7	7.4	8.9	9.1	10.1	11.7	12.1	10.6	8.6	6.3	5.8	4.8	4.5	4.8	5.7	6.3
14	7.2	6.7	7.5	7.8	7.7	6.5	7.5	7.6	7.8	9.5	9.6	10.2	10.2	11.3	10.2	10.1	10.3	8.8	6.6	8.5	7.9	7.2	5.7	4.9	8.3
15	4.6	4.5	4.1	4.4	4.5	4.6	4.4	3.0	4.2	5.4	5.9	5.7	6.0	5.5	4.7	4.2	3.0	3.1	1.9	0.2	0.0	1.5	3.4	3.7	3.9
16	3.5	4.2	3.9	3.9	4.0	4.5	5.1	4.9	5.5	6.0	7.5	6.7	7.7	7.4	6.4	5.7	5.1	3.6	3.7	3.6	4.2	4.8	4.4	4.8	5.1
17	5.3	4.0	5.4	4.7	3.4	2.1	3.0	4.4	11.3	13.1	12.6	12.3	11.5	11.5	11.1	11.1	9.3	7.4	8.1	5.9	6.9	4.5	4.5	3.6	7.2
18	3.5	3.4	3.6	3.2	3.6	3.6	3.4	2.7	1.9	2.0	1.5	1.6	2.6	3.0	3.2	3.6	4.6	3.7	3.0	2.5	2.1	2.6	2.7	2.7	2.9
19	1.9	2.2	2.2	2.8	2.7	3.0	2.3	3.5	4.4	5.5	6.4	7.7	8.6	6.9	5.8	5.0	4.4	3.3	3.5	3.5	4.6	2.6	2.5	2.8	4.8
20	2.9	3.5	3.0	2.5	2.5	4.7	6.3	6.5	6.0	5.9	5.7	6.3	7.8	8.5	8.2	7.6	7.2	6.5	5.0	4.0	4.0	3.2	3.5	3.7	5.2
21	2.7	3.0	2.6	2.6	2.6	2.9	2.9	2.5	2.1	1.5	1.1	1.1	0.9	3.0	2.6	3.4	3.2	2.7	2.5	1.9	2.1	2.6	2.9	3.1	2.5
22	3.2	2.0	2.9	3.1	3.1	3.2	3.9	4.1	3.1	2.3	2.7	2.5	2.2	2.6	3.1	3.4	3.7	3.9	4.4	3.5	3.2	3.1	3.4	3.1	3.2
23	3.9	3.7	4.4	3.9	2.8	1.9	2.6	4.0	5.6	7.3	7.3	7.0	5.6	6.4	6.4	6.9	5.6	9.4	6.4	9.2	9.3	6.4	5.9	7.0	5.9
24	6.5	6.3	4.2	4.0	4.2	3.9	5.0	5.0	5.6	6.9	6.5	9.1	9.4	9.2	8.9	6.6	7.9	7.5	5.4	4.4	4.2	2.9	2.7	3.5	6.0
25	3.1	3.2	3.5	3.2	3.2	2.9	3.2	3.0	3.1	2.2	1.7	1.6	2.0	3.0	2.6	2.6	2.6	2.6	1.7	1.9	1.5	1.6	2.1	2.9	2.6
26	3.9	3.6	3.1	2.5	2.3	3.1	2.9	2.9	3.6	3.2	3.2	1.5	1.9	1.7	4.0	4.2	4.1	3.8	2.7	2.0	2.5	3.7	4.1	4.2	3.1
27	3.8	3.6	2.6	2.3	2.7	3.1	3.7	4.2	4.1	3.7	3.1	4.5	4.6	4.2	3.8	3.6	3.7	4.2	3.0	3.8	3.9	4.8	6.1	6.4	3.9
28	6.9	6.8	6.5	6.1	6.0	6.1	6.5	6.0	6.8	7.6	7.9	8.5	9.2	9.3	9.7	9.3	8.4	7.6	6.2	6.0	7.6	7.7	7.6	7.9	7.6
AVG	4.0	3.9	3.8	3.7	3.5	3.6	3.9	4.1	4.6	5.4	5.8	6.0	6.1	6.4	6.3	6.1	5.8	5.3	4.5	4.1	4.1	3.9	4.1	4.2	4.7
STD	1.6	1.4	1.5	1.8	1.6	1.5	1.6	1.5	2.3	2.9	3.0	3.2	3.1	3.1	2.9	2.9	2.4	2.2	2.1	2.4	2.5	2.0	1.6	1.6	1.8
MAX	7.2	6.8	7.5	7.8	7.7	6.5	7.5	7.6	11.3	13.1	12.6	12.3	11.5	11.5	11.7	12.1	10.6	9.4	8.6	9.2	9.3	7.7	7.6	7.9	8.3
MIN	1.1	1.2	0.7	0.4	0.1	0.0	0.7	1.0	1.7	1.5	1.1	1.1	0.9	1.7	2.6	2.1	2.6	2.6	1.7	0.2	0.0	0.3	1.3	1.6	2.5

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RAS EL HEKMA,EGYPT MARCH 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.8	7.4	7.2	7.2	7.6	7.6	7.5	7.6	7.6	8.6	8.2	8.2	8.3	8.0	8.2	8.0	8.0	6.0	5.9	5.3	5.7	5.5	5.0	4.1	7.1
2	3.9	3.4	3.1	3.0	2.6	3.4	2.6	2.7	2.9	3.6	3.9	3.6	5.0	4.0	3.1	3.4	3.4	3.7	2.8	2.8	1.9	2.5	2.6	3.5	3.2
3	3.7	4.1	4.9	5.3	3.0	1.9	2.3	1.6	3.1	3.5	4.4	4.2	4.0	4.4	5.4	5.5	6.7	7.5	6.4	4.8	5.6	6.5	7.2	6.8	4.7
4	6.6	5.7	6.0	5.4	3.8	4.5	5.0	4.9	6.4	6.4	7.0	7.0	6.6	6.5	6.4	6.0	4.9	3.9	2.7	1.6	2.1	1.8	2.0	2.6	4.6
5	3.0	2.6	3.1	3.1	3.8	4.0	3.1	3.2	3.0	3.4	2.7	3.1	3.9	3.9	4.6	5.6	3.5	2.8	2.2	2.1	2.7	1.6	2.0	3.0	3.2
6	3.2	2.9	3.9	3.5	1.5	2.6	1.7	2.2	3.2	5.6	6.0	6.0	7.4	7.6	8.6	5.8	5.3	5.4	3.4	1.7	1.7	2.6	1.6	1.6	3.9
7	1.8	3.2	4.6	4.8	5.4	5.3	2.6	2.6	3.8	5.4	6.4	7.5	8.7	9.1	7.8	7.2	7.2	8.0	8.4	7.6	7.9	7.8	8.6	5.7	6.1
8	5.1	4.9	6.6	6.3	8.4	8.9	9.3	8.9	9.2	8.7	6.6	4.9	5.8	5.6	4.5	3.5	3.2	3.8	4.0	5.5	6.7	7.6	6.8	7.0	6.4
9	7.5	6.6	5.5	5.9	6.4	5.3	5.6	5.1	5.9	7.0	7.4	8.4	7.9	8.3	9.3	8.6	7.6	6.9	5.7	5.8	4.9	4.0	3.6	2.6	6.3
10	2.1	1.7	2.7	3.1	3.0	3.1	2.6	2.3	2.1	2.1	2.3	3.5	4.1	4.8	5.0	5.1	4.2	3.7	3.1	2.0	1.5	1.6	1.6	1.3	2.9
11	0.6	0.7	0.6	0.6	0.1	0.0	0.1	0.7	0.9	3.7	4.4	5.0	5.0	5.5	5.4	5.4	5.3	5.1	4.0	3.8	3.8	3.6	3.4	3.5	3.0
12	3.5	3.0	2.8	3.0	1.6	0.7	1.1	2.5	4.1	4.7	4.6	4.6	3.9	4.4	5.0	4.9	4.4	4.7	5.0	4.9	3.6	3.7	4.0	3.7	3.7
13	3.7	3.6	4.6	4.0	4.9	5.3	6.8	6.9	6.4	5.8	5.5	5.6	6.[illegible]	5.9	6.6	7.4	7.6	6.2	6.2	6.0	5.5	4.5	4.9	4.8	5.8
14	5.1	6.5	6.6	7.5	7.5	7.4	7.6	6.4	9.1	8.7	6.0	6.5	6.9	9.1	9.1	9.4	8.7	7.5	5.9	5.1	4.7	5.0	4.4	4.5	7.2
15	3.7	3.7	3.6	3.7	3.6	3.7	4.7	5.1	4.9	5.0	5.0	5.1	4.6	4.8	4.1	4.5	4.7	4.9	3.4	1.9	2.3	2.1	1.9	1.1	3.8
16	0.9	0.7	1.5	2.3	2.6	2.7	2.2	2.3	2.7	1.7	1.7	2.8	3.5	3.9	5.0	5.1	5.1	4.6	3.7	3.8	3.7	3.6	3.8	3.7	3.1
17	1.3	1.0	1.1	1.6	2.1	2.7	2.5	2.2	2.3	2.5	2.3	2.6	2.9	4.2	4.6	4.9	4.9	4.9	4.6	5.1	5.9	6.4	5.7	5.6	3.5
18	5.0	4.8	4.6	3.7	2.1	0.1	0.6	0.7	2.2	4.5	5.9	6.3	6.3	3.5	7.3	7.3	7.2	6.0	5.8	4.7	5.8	4.5	3.6	2.7	4.5
19	3.1	3.0	2.7	3.2	2.9	2.7	3.6	3.7	4.5	4.8	3.8	3.6	4.8	4.5	4.8	5.5	6.3	4.5	2.9	2.0	2.7	2.5	2.6	2.5	3.6
20	3.0	2.9	2.6	2.6	2.6	3.2	2.8	2.6	4.6	4.0	4.8	5.4	4.7	4.5	4.5	4.8	4.8	4.4	4.0	3.4	3.1	3.7	2.6	2.0	3.7
21	2.2	2.6	2.2	2.5	2.7	3.5	3.9	5.1	5.1	6.3	4.7	4.1	5.9	5.3	5.5	7.0	8.8	8.8	7.4	6.5	6.5	6.6	8.0	8.3	5.4
22	8.4	7.7	7.6	7.7	9.6	10.3	10.1	10.6	9.6	9.6	9.1	8.7	6.6	6.0	6.0	6.4	9.6	9.7	8.7	7.4	7.3	6.7	6.3	5.5	8.1
23	5.9	6.4	6.3	6.3	5.6	6.0	5.9	6.3	7.0	7.5	6.9	6.0	6.1	6.6	6.3	5.6	6.1	4.6	4.0	3.0	2.8	3.1	2.8	2.6	5.2
24	2.3	2.5	3.2	2.1	2.7	3.4	4.4	4.6	4.4	4.2	4.5	4.9	4.9	5.0	4.5	4.5	5.1	4.7	4.5	5.3	4.0	3.1	2.8	2.3	3.9
25	1.7	1.9	3.0	3.1	3.4	3.7	3.1	3.1	4.6	4.7	5.0	5.5	5.1	5.6	6.1	5.7	4.8	4.1	3.1	2.3	1.5	1.6	1.6	2.0	3.6
26	1.6	1.1	1.1	1.7	2.3	3.2	2.9	3.2	4.4	4.4	3.8	4.4	5.0	5.7	6.1	6.0	6.6	6.6	6.1	5.0	4.9	4.6	4.9	3.4	4.1
27	2.9	3.5	3.6	3.4	3.1	2.7	2.5	3.4	4.6	3.7	3.2	1.8	3.4	4.5	5.0	5.5	6.0	6.3	5.0	4.4	4.5	4.5	4.9	3.2	4.0
28	3.6	3.1	2.7	2.5	2.7	2.5	2.0	2.7	3.2	4.6	4.9	4.1	3.6	2.7	2.9	4.2	3.7	3.2	2.7	2.6	2.0	0.8	0.7	2.0	2.9
29	3.6	3.9	3.9	2.3	1.6	3.1	3.1	1.3	3.2	3.1	5.3	10.3	8.6	7.4	8.5	8.8	10.3	9.8	7.4	6.1	5.5	4.6	4.7	4.6	5.5
30	4.8	4.6	5.1	5.4	5.4	5.7	4.9	5.1	5.3	5.7	6.8	8.2	9.6	10.4	10.1	9.9	9.5	8.5	6.6	6.1	5.6	5.1	3.0	2.6	6.4
31	3.0	3.5	3.2	2.8	3.6	4.4	4.8	5.8	5.5	6.1	5.8	4.5	4.6	5.3	5.8	5.6	5.5	5.1	4.0	3.1	1.5	0.3	1.6	2.3	4.1
AVG	3.7	3.6	3.8	3.9	3.8	4.0	3.9	4.1	4.7	5.1	5.2	5.5	5.7	5.5	5.9	6.1	6.0	5.8	4.9	4.3	4.1	3.9	3.9	3.6	4.6
STD	2.0	1.8	1.8	1.9	2.2	2.3	2.4	2.4	2.1	1.9	1.8	2.0	1.6	1.8	1.7	1.7	1.9	1.9	1.6	1.7	1.6	2.0	2.0	1.7	1.4
MAX	8.4	7.7	7.6	8.3	9.6	10.3	10.1	10.6	9.6	9.6	9.1	10.3	9.6	10.4	10.1	9.9	10.3	9.8	8.7	7.6	7.9	7.8	8.6	8.3	8.1
MIN	0.6	0.7	0.6	0.6	0.1	0.0	0.6	0.7	0.9	1.7	1.7	2.6	3.0	2.7	2.9	3.4	3.2	2.8	2.2	1.6	1.5	0.3	0.7	1.1	2.9

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RAS EL HEKMA,EGYPT APRIL 1985 20M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																			9.3	7.0	6.3	5.6	5.6	5.1	6.5
3	2.2	1.8	2.9	4.0	3.8	4.1	4.5	4.2	4.8	5.8	5.6	5.7		5.8	5.8	5.0	4.9	5.6	5.4	5.1	4.4	4.9	4.2	3.2	4.3
4	4.1	4.0	4.9	4.8	4.9	4.7	4.6	4.0	4.0	3.7	4.2	4.6	4.8	5.1	4.8	5.3	5.6	5.6	4.8	3.0	3.0	3.0	3.8	3.8	4.4
5	4.1	3.9	4.2	4.4	3.6	2.7	3.4	2.5	4.5	4.8	4.2	4.1	4.2	4.6	5.7	6.1	6.1	6.3	5.1	4.1	2.2	1.0	0.6	1.3	3.9
6	3.7	4.6	4.9	5.0	4.9	5.1	4.5	4.4	4.1	4.9	4.5	4.2	4.0	4.5	4.9	5.0	5.4	6.3	5.0	3.9	3.6	3.4	2.5	3.2	4.4
7	3.6	3.8	3.7	3.6	4.1	3.1	3.1	2.9	2.6	2.1	2.0	2.2	3.2	4.1	4.5	4.9	3.9	3.9	2.8	1.8	2.3	3.6	4.4	4.2	3.4
8	4.4	4.8	5.3	5.3	6.5	7.2	7.4	6.0	7.4	7.9	7.0	6.0	7.0	7.0	8.9	8.6	7.7	7.0	6.7	6.6	6.6	6.5	5.6	4.8	6.6
9	3.4	4.7	4.6	5.3	5.0	4.5	5.6	5.7	6.7	7.0	5.9	5.5	4.8	5.3	5.3	5.9	6.5	6.6	5.9	4.1	3.9	3.5	3.4	2.8	5.1
10	3.2	2.5	3.2	2.5	2.5	1.6	1.9	2.5	2.8	1.2	1.1	1.3	1.6	3.1	2.6	4.2	4.4	4.5	3.0	2.2	2.6	2.6	2.3	3.2	2.6
11	3.1	2.3	2.6	2.3	2.2	1.8	2.0	1.7	2.1	2.3	2.1	2.8	3.5	3.9	3.4	3.6	3.6	3.1	2.5	2.3	1.6	2.1	1.9	1.5	2.5
12	2.3	2.3	2.9	3.6	3.6	2.8	3.2	3.7	4.9	5.5	5.9	5.7	4.5	4.4	3.6	3.6	3.7	3.5	3.0	3.2	2.9	3.6	4.0	4.2	3.8
13	4.1	3.2	2.9	4.1	3.9	2.7	0.9	1.5	2.5	2.8	5.0	5.3	5.9	11.2	11.6	11.6	10.5	9.1	7.4	7.4	8.4	6.6	6.3	7.2	6.1
14	7.3	7.0	6.7	5.7	6.0	5.7	5.4	5.4	4.2	4.0	4.0	3.7	4.0	3.9	4.0	4.1	4.4	4.7	3.9	3.8	2.8	2.2	3.0	1.9	4.5
15	2.1	1.6	2.7	2.0	1.9	1.7	1.6	2.2	4.6	5.1	5.1	5.0	5.3	6.1	6.9	6.2	6.6	7.6	6.6	7.5	7.4	7.5	6.6	7.3	5.2
16	5.8	6.3	5.9	5.6	6.3	6.6	6.3	7.6	9.4	9.4	8.8	7.5	8.0	8.6	8.5	8.7	8.5	8.6	7.9	8.7	8.3	7.6	8.2	8.2	7.8
17	6.5	6.3	6.0	6.1	5.5	7.5	9.4	9.6	10.5	10.5	10.1	9.8	9.9	10.7	10.8	9.6	8.2	6.4	4.6	3.2	2.3	2.0	0.7	0.6	7.1
18	2.0	4.1	5.4	5.4	5.7	5.4	4.6	3.9	5.0	6.0	5.3	4.7	4.5	5.6	6.6	6.1	5.1	4.8	4.8	4.9	5.1	4.9	2.7	4.7	4.9
19	4.6	6.0	5.8	5.7	6.0	5.6	4.6	5.0	6.1	4.9	3.6	5.5	5.3	5.5	4.9	5.3	5.7	5.7	5.7	4.6	4.5	4.5	3.9	3.6	5.1
20	6.0	6.7	5.7	4.6	4.1	4.1	5.5	5.0	7.3	8.2	7.2	7.2	9.1	7.6	6.3	6.4	8.3	5.0	3.1	3.0	4.1	4.1	4.2	5.7	5.7
21	8.3	4.9	3.4	4.2	4.5	5.7	7.3	7.7	8.6	8.0	8.6	8.5	9.3	10.1	11.7	9.6	9.1	8.6	7.6	8.3	9.3	10.1	9.2	9.5	8.0
22	6.0	8.3	6.2	7.9	6.6	6.7	7.2	6.0	8.5	8.0	7.9	8.6	8.6	8.8	9.2	8.3	8.2	8.6	6.3	6.8	6.6	6.1	6.1	6.3	7.7
23	5.0	4.2	3.7	4.5	3.9	4.6	3.4	2.7	1.2	2.0	2.8	3.7	3.8	3.8	3.9	4.0	5.0	4.6	3.9	2.5	4.0	6.1	6.0	6.0	4.0
24	8.7	7.7	9.1	11.7	11.8	9.8	9.2	10.3	12.4	13.4	14.0	14.5	16.0	15.3	14.9	14.4	13.2	12.4	11.2	10.2	9.2	8.3	7.8	7.6	11.3
25	7.0	7.4	7.2	7.0	7.3	6.8	6.9	8.3	8.5	8.4	8.3	8.2	6.3	8.3	7.7	6.9	8.6	6.1	4.6	4.0	4.7	5.1	4.2	4.1	6.7
26	4.1	4.1	4.2	3.4	4.2	3.7	3.9	4.6	5.5	5.0	4.9	5.1	5.1	5.1	4.4	3.9	3.9	3.6	4.0	1.8	1.9	3.6	3.8	3.7	4.1
27	4.5	3.5	4.5	5.5	4.6	4.8	4.7	4.2	4.8	4.1	3.8	2.9	2.2	2.8	4.2	4.4	5.0	4.2	2.6	3.8	4.7	6.6	3.9	5.5	4.3
28	8.2	8.0	9.2	6.7	8.6	9.3	9.1	7.4	5.6	5.4	5.3	4.9	3.8	3.7	4.4	4.5	4.6	5.1	5.0	5.7	5.7	7.0	7.3	7.7	6.4
29	7.4	6.6	4.6	4.6	4.4	3.8	2.6	3.5	7.9	8.5	8.5	8.7	9.6	10.1	10.3	12.3	10.8	7.9	7.0	7.2	9.5	7.2	9.2	9.3	7.6
30	9.7	8.7	8.3	9.7	9.8	9.5	8.7	8.5	8.9	9.1	9.4	7.8	8.4	9.5	10.2	9.2	8.9	7.8	7.4	6.9	6.9	7.2	7.4	7.2	8.5
AVG	5.2	5.1	5.1	5.3	5.3	5.1	5.0	5.1	5.9	6.0	5.9	5.8	6.1	6.6	6.8	6.8	6.6	6.2	5.5	5.0	5.0	5.1	4.9	4.9	5.6
STD	2.3	2.1	1.9	2.1	2.1	2.2	2.4	2.4	2.7	2.8	2.8	2.7	3.0	3.0	3.0	2.8	2.4	2.1	2.1	2.2	2.3	2.2	2.5	2.3	1.9
MAX	9.7	8.7	9.2	11.7	11.8	9.6	9.4	10.3	12.4	13.4	14.0	14.5	16.0	15.3	14.9	14.4	13.2	12.4	11.2	10.2	9.5	10.1	9.2	9.5	11.3
MIN	2.0	1.6	2.6	2.0	1.9	1.6	0.9	1.5	1.2	1.2	1.1	1.3	1.6	2.6	2.8	3.6	3.7	3.1	2.5	1.8	1.6	1.0	0.6	0.6	2.5

RAS EL HEKMA,EGYPT MAY 1985 20M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	7.2	7.0	7.0	6.9	6.4	6.4	7.5	8.8	9.1	9.2	9.6	9.1	8.7	8.4	8.9	8.7	9.5	9.5	9.5	8.8	8.7	7.5	6.6	7.0	8.2
2	8.9	7.5	7.2	7.6	7.4	7.8	7.7	7.9	7.9	6.6	6.1	6.0	5.4	5.8	6.6	6.8	6.5	6.6	6.1	5.4	4.7	4.0	3.9	3.6	6.3
3	3.7	3.6	2.2	2.6	1.9	1.0	0.1	0.3	0.8	1.2	1.5	1.9	3.2	3.6	4.2	4.1	4.0	3.6	3.4	2.3	2.6	2.6	2.6	3.5	2.5
4	4.0	4.1	4.2	4.2	4.5	4.8	4.9	5.5	5.4	3.8	1.6	1.6	5.3	5.1	4.8	5.1	4.9	4.4	4.7	2.7	5.3	5.0	4.9	5.1	4.4
5	4.9	5.1	4.6	4.9	3.5	3.9	4.7	4.2	6.1	5.8		4.9	4.2	5.6	6.7	7.0	7.3	7.2	5.9	5.6	6.1	6.4	6.4	6.5	5.3
6	6.7	6.5	6.5	7.5	9.1	9.1	5.8	7.3	7.8	8.6	11.3	11.7	11.1	10.5	9.1	6.6	4.2	4.9	3.2	5.9	7.7	9.5	7.5	7.6	7.7
7	8.2	7.0	6.9	5.8	3.6	5.6	8.5	11.2	12.1	10.6	12.0	11.0	11.1	11.1	10.7	10.6	11.1	11.0	9.5	8.2	7.7	7.3	7.7	7.9	9.1
8	8.0	7.9	7.3	6.9	6.8	6.1	5.5	6.5	5.4	4.6	3.6	3.0	3.4	3.7	4.2	4.0	4.2	4.0	3.8	3.1	2.7	2.5	3.6	2.3	4.7
9	2.9	3.2	3.4	3.9	5.3	4.4	4.2	3.8	3.4	4.0	4.4	3.4	5.0	4.4	5.0	6.1	8.5	8.9	9.5	7.6	7.8	9.2	8.6	8.4	5.6
10	6.4	6.2	7.7	12.5	12.4	10.4	13.1	15.4	15.0	14.4	12.0	14.6	13.9	12.3	13.4	13.0	11.6	12.1	9.9	7.5	7.8	6.1	5.1	5.7	10.9
11	4.8	5.9	5.6	5.4	5.9	6.4	6.3	7.4	7.9	7.7	7.6	7.7	8.0	7.5	7.6	7.9	7.4	7.4	7.0	6.1	4.4	2.3	2.5	2.1	6.2
12	1.6	1.6	1.2	0.9	2.1	1.8	2.6	2.5	3.0	3.2	3.4	4.5	5.6	6.7	7.4	7.7	7.9	6.6	5.0	4.0	4.0	3.5	2.2	2.2	3.8
13	4.1	3.9	2.9	2.1	1.5	2.2	1.9	1.5	3.4	3.6	3.9	3.9	4.6	4.4	5.4	5.1	4.7	4.4	4.2	3.9	3.0	2.3	3.0	3.5	3.5
14	3.7	1.8	2.0	2.0	2.1	2.1	1.8	1.9	2.2	3.2	3.9	4.1	4.2	5.8	5.6	4.8	4.2	3.2	3.1	2.6	1.7	1.5	1.8	1.2	2.9
15	1.0	2.8	3.8	3.1	1.0	2.3	1.9	1.8	1.6	2.0	2.5	2.3	2.0	3.2	3.0	3.2	3.7	3.5	2.9	2.5	2.9	3.2	5.0	4.7	2.7
16	4.0	4.7	4.0	4.0	4.5	4.5	3.8	3.7	3.7	3.7	3.0	2.6	2.9	3.8	4.0	4.0	3.8	3.5	3.6	3.8	4.1	4.5	4.0	3.6	3.8
17	4.9	5.1	5.3	5.1	5.8	5.4	4.6	6.6	7.5	7.4	6.3	4.9	5.8	6.5	6.7	6.7	6.5	6.6	7.4	7.3	7.4	6.1	6.8	6.8	6.2
18	6.4	5.7	5.7	6.3	7.0	7.6	8.9	6.6	6.3	5.4	4.8	7.5	8.4	9.5	8.6	8.5	8.5	8.0	9.5	9.2	4.9	3.7	3.9	4.2	6.8
19	3.8	6.0	5.5	3.8	4.5	4.9	4.7	5.1	5.8	6.6	7.2	7.4	7.0	6.5	6.1	6.8	6.3	5.1	4.0	2.9	4.2	5.1	3.6	2.0	5.2
20	3.6	4.2	4.2	3.9	3.0	3.4	3.4	3.0	2.9	3.1	1.6	2.7	3.9	4.0	5.1	5.1	4.8	3.8	3.2	2.5	1.6	0.4	0.9	1.9	3.2
21	2.0	2.7	2.8	3.0	2.8	3.7	3.4	3.0	2.6	3.2	3.9	5.9	6.4	7.3	5.8	11.2	6.0	5.7	5.3	6.9	5.4	5.4	7.5	6.9	5.6
22	6.4	6.3	6.3	4.6	6.6	7.7	9.6	8.9	7.6	8.6	11.6	8.5	7.7	8.4	6.4	7.9	6.5	9.8	6.9	7.6	10.2	10.7	9.5	7.9	8.2
23	7.4	9.1	10.1	10.7	11.4	11.4	10.5	9.6	10.5	12.2	11.2	10.7	11.3	11.6	10.5	10.5	10.5	10.1	9.1	8.7	7.3	6.5	5.9	5.9	9.7
24	8.4	7.0	6.0	4.6	5.8	5.3	5.7	5.9	6.7	6.6	7.5	7.2	7.3	7.5	7.0	6.7	6.8	6.8	5.5	2.2	2.0	1.0	1.6	2.2	5.5
25	2.7	3.6	3.6	2.6	2.5	4.0	2.9	1.6	0.8	1.6	2.3	2.2	3.9	4.7	5.7	5.4	3.5	3.5	3.0	2.0	2.0	2.3	3.0	3.2	3.0
26	2.6	3.4	4.2	5.4	4.7	4.9	5.0	3.8	4.5	4.9	4.6	4.0	3.1	4.1	5.4	5.4	5.1	5.9	5.3	5.7	5.9	8.2	7.9	7.9	5.1
27	7.9	8.5	8.3	8.3	8.7	9.2	9.2	10.2	10.4	9.7	7.7	7.3	10.4	10.6	12.1	12.3	12.4	10.8	11.1	6.9	7.0	7.5	7.2	8.1	9.2
28	6.0	6.9	6.7	5.9	8.0	7.9	8.2	10.3	11.6	11.7	11.1	9.7	10.2	10.6	9.8	8.7	8.6	8.4	6.0	8.0	6.0	7.4	5.8	3.9	8.4
29	4.9	5.8	6.3	6.1	6.6	6.8	7.2	7.9	8.6	8.0	8.0	8.0	7.9	7.5	7.4	8.9	7.8	6.9	5.9	4.9	5.0	4.6	3.9	4.4	6.6
30	5.1	5.5	5.1	5.7	5.5	5.6	4.6	4.0	4.8	5.0	4.2	3.5	5.3	5.6	4.8	4.8	4.9	4.2	3.8	2.6	1.3	2.8	3.7	3.9	4.4
31	1.8	1.0	1.8	3.1	2.7	2.6	2.1	1.5	1.9	1.9	2.5	3.0	6.6	5.4	5.1	6.1	4.2	3.7	3.0	2.7	2.9	4.0	4.8	4.6	3.2
AVG	4.9	5.2	5.1	5.1	5.3	5.5	5.4	5.7	6.0	6.1	5.6	6.0	6.6	6.8	6.9	7.0	6.7	6.5	5.9	5.2	5.1	5.0	4.9	4.8	5.7
STD	2.1	2.1	2.1	2.5	2.8	2.5	2.9	3.5	3.5	3.3	3.5	3.3	2.9	2.6	2.4	2.5	2.5	2.6	2.5	2.4	2.4	2.6	2.2	2.1	2.3
MAX	8.4	9.1	10.1	12.5	12.4	11.4	13.1	15.4	15.0	14.4	12.0	14.6	13.9	12.3	13.4	13.0	12.4	12.1	11.1	9.2	10.2	10.7	9.5	8.4	10.9
MIN	1.0	1.0	1.2	0.9	1.0	1.0	0.1	0.3	0.8	1.2	1.5	1.0	2.0	3.2	3.0	3.2	3.5	3.2	2.9	2.0	1.3	0.4	0.9	1.2	2.5

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RAS EL HEKMA, EGYPT JUNE 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	3	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.9	4.9	5.9	6.5	6.5	7.3	7.0	6.9	7.3	7.9	6.5	6.8	8.6	7.6	8.3	8.7	8.6	8.4	8.9	9.2	7.8	7.5	6.4	8.4	7.3
2	8.4	8.0	7.8	7.5	8.7	8.7	7.8	8.9	10.5	10.7	9.8	9.6	9.5	11.2	11.0	9.7	9.3	8.6	7.7	7.8	7.8	7.3	8.3	7.4	8.8
3	10.1	11.0	11.8	10.6	10.3	9.2	9.7	8.8	9.5	8.8	9.2	10.1	10.4	11.8	10.6	10.1	9.7	9.8	9.6	8.7	8.3	8.4	8.6	8.8	9.7
4	8.8	8.2	7.7	7.4	6.8	7.6	6.6	7.8	8.7	6.6	7.8	6.9	6.7	6.7	7.3	7.6	7.2	6.3	6.3	4.9	3.5	4.6	5.4	5.3	6.9
5	5.6	6.7	5.9	5.1	5.0	4.4	5.4	5.4	5.4		3.6	4.1	3.3	4.9	4.7	5.3	5.4	4.9	4.1	4.0	3.4	3.4	3.2	2.8	4.5
6	3.4	4.8	4.5	3.9	3.2	3.2	2.9	3.0	3.1	1.2	1.3	2.5	4.2	5.5	5.8	5.6	5.0	4.5	3.9	2.7	2.5	2.6	3.1	1.7	3.5
7	2.1	3.7	3.9	3.7	3.5	2.5	1.6	1.8	2.2	3.2	3.2	4.7	5.9	6.7	6.4	6.3	6.0	5.9	5.7	4.7	3.8	3.8	4.1	5.5	4.2
8	6.1	6.8	6.3	5.9	5.6	5.5	3.7	3.9	4.8	5.1	6.0	6.7	6.7	7.4	7.8	7.6	7.7	7.3	6.4	4.7	3.8	4.2	4.6	4.5	5.8
9	4.8	4.2	4.1	4.1	4.5	4.5	4.6	5.0	5.5	6.1	6.8	6.0	5.9	5.8	6.1	6.8	5.7	4.7	3.7	2.3	3.4	2.5	2.5	2.3	4.6
10	2.1	2.5	3.1	4.0	4.4	4.6	4.9	5.1	3.8	4.0	3.6	3.8	4.9	5.6	5.9	5.6	6.6	6.7	5.6	5.1	4.9	4.8	4.9	4.6	4.6
11	4.5	4.9	5.9	6.1	6.6	5.7	5.4	5.7	5.7	5.8	5.9	6.3	6.4	6.4	6.5	5.1	4.5	6.5	5.5	5.4	5.3	5.3	5.3	5.3	5.7
12	4.6	5.6	5.0	5.9	6.3	5.1	4.8	4.9	3.5	3.4	2.2	3.8	5.0	6.7	7.6	7.5	5.4	4.9	3.7	2.1	2.8	2.2	3.2	3.6	4.5
13	3.6	3.6	4.5	3.1	2.7	5.0	4.2	3.6	3.5	3.0	4.1	4.7	5.1	5.7	5.4	5.3	5.1	4.6	3.8	2.5	2.2	1.3	2.5	1.9	3.8
14	1.5	1.9	3.1	3.1	2.3	2.3	2.5	1.9	1.5	2.0	2.5	3.0	4.4	4.7	4.5	4.0	4.2	4.4	3.9	3.7	3.4	4.0	4.1	3.4	3.2
15	4.7	4.4	4.5	3.0	1.8	2.6	3.4	3.0	3.4	4.1	3.8	3.0	4.4	5.7	5.7	6.3	6.8	6.0	5.7	5.8	5.0	5.5	6.5	6.3	4.6
16	6.4	5.8	6.9	6.5	5.7	5.5	6.4	6.4	9.3	8.5	8.3	8.2	6.6	8.9	8.0	8.8	7.9	7.6	7.3	6.4	5.4	5.1	5.5	5.3	7.1
17	5.1	5.1	5.0	4.2	4.7	4.7	4.0	6.9	8.6	8.8	8.0	9.1	9.1	10.8	11.2	10.4	10.6	10.7	9.3	7.7	7.2	7.6	7.2	6.1	7.6
18	6.3	5.6	6.1	5.7	4.9	5.3	4.5	4.6	6.8	10.5	10.2	13.2	13.7	13.2	12.3	11.7	11.7	11.4	10.7	9.4	8.6	8.8	9.3	10.2	9.0
19	10.4	11.3	10.5	9.4	9.4	9.8	9.9	10.3	9.7	8.6	8.9	8.7	8.4	9.3	9.9	9.3	8.8	8.7	8.3	7.2	5.4	5.1	4.4	4.1	8.6
20	4.1	3.9	4.1	4.8	4.6	4.6	3.8	5.7	5.7	5.7	6.7	7.2	6.6	8.3	6.1	5.9	6.6	5.8	5.3	4.2	3.6	1.9	6.6	1.1	4.8
21	1.5	1.1	1.8	3.8	5.9	5.9	4.7	4.9	4.2	3.6	2.5	2.9	3.6	3.0	2.9	4.6	5.9	6.3	5.9	3.6	9.5	10.8	9.4	8.6	4.9
22	9.1	9.4	8.2	7.8	7.0	7.3	7.2	7.9	7.4	7.2	7.6	7.2	6.9	7.6	7.4	7.6	7.4	7.5	6.3	7.5	7.4	7.[illegible]	6.9	6.1	7.5
23	5.9	5.0	5.0	4.6	4.6	4.0	3.2	3.4	2.7	2.0	2.5	3.1	4.0	4.6	5.1	5.7	5.7	4.8	4.9	4.6	4.0	3.2	2.0	2.6	4.1
24	2.0	2.2	2.2	1.9	1.7	1.6	2.0	2.7	3.7	3.5	2.9	2.9	4.2	5.9	6.9	7.9	7.3	6.6	4.2	2.1	2.0	1.2	1.1	1.3	3.3
25	2.2	2.0	3.0	3.7	3.5	3.7	3.0	5.0	6.5	7.2	7.0	7.2	7.5	6.4	7.7	8.2	8.2	7.4	7.0	6.9	6.6	6.0	5.8	6.3	5.9
26	5.3	4.5	4.7	4.9	5.4	5.6	5.7	6.9	7.3	7.6	7.6	7.9	8.7	8.9	9.6	10.2	9.7	9.5	8.5	8.7	6.3	6.3	5.8	5.8	7 1
27	5.6	5.9	8.4	6.7	6.8	6.9	7.3	8.2	8.6	9.3	9.5	9.1	9.6	9.7	9.5	9 6	10.3	10.2	9.5	7.8	7.6	6.5	7.0	6.7	6.1
28	6.4	6.0	6.6	5.7	5.3	4.4	4.6	4.9	5.7	6.7	7.3	7.7	8.3	7.8	6.9	7.0	7.4	8.4	5.7	4.7	4.1	4.2	5.0	4.5	6.0
29	4.8	5.0	4.9	5.1	4.6	5.1	4.5	3.9	5.0	5.4	5.9	7.7	7.9	7.7	7.7	8.7	9.3	8.6	7.6	6.6	6.8	6.1	5.5	4.0	6.2
30	4.1	5.0	4.7	3.6	4.9	4.5	5.0	4.6	4.4	4.2	5.3	5.7	6.4	6.9	7.3	7.2	6.8	6.1	5.6	4.4	4.8	4.0	4.4	3.8	5.1
AVG	5.1	5.2	5.5	5.3	5.2	5.2	5.0	5.4	5.8	5.8	5.9	6.3	6.0	7.4	7.4	7.4	7.3	7.0	6.4	5.4	5.2	5.1	5.1	4.9	5.9
STD	2.4	2.4	2.2	1.9	2.0	2.0	2.0	2.2	2.4	2.8	2.5	2.6	2.2	2.2	2.1	1.9	1.9	1.9	2.6	2.1	2.1	2.3	2.3	2.3	1.8
MAX	10.4	11.3	11.8	10.6	10.3	9.8	9.9	10.3	10.5	10.7	10.2	13.2	13.7	13.2	12.3	11.7	11.7	11.4	10.7	9.4	9.5	10.8	9.4	10.2	9.7
MIN	1.5	1.1	1.8	1.9	1.7	1.6	1.6	1.8	1.5	1.2	1.3	2.5	3.6	3.0	2.9	4.6	4.2	4.4	3.7	2.1	2.0	1.2	0.6	1.1	3.2

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RAS EL HEKMA,EGYPT JULY 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.2	4.1	4.9	4.4	3.8	4.1	4.0	6.4	8.2	6.5	8.0	7.4	7.2	7.6	8.0	8.3	8.5	8.0	8.0	7.2	6.7	6.5	6.6	6.1	6.5
2	5.5	4.8	4.9	4.8	5.4	5.4	4.4	6.0	6.6	6.5	6.6	5.6	5.7	5.6	5.1	5.7	6.1	6.4	6.0	5.0	4.5	4.6	6.3	5.7	5.6
3	4.9	4.9	4.8	5.4	4.9	4.4	4.5	4.8	6.6	6.5	7.0	6.9	6.5	7.2	7.9	7.9	8.2	8.4	7.3	6.7	6.1	5.6	5.5	4.8	6.1
4	5.5	6.0	6.1	5.3	4.7	5.0	5.9	6.9	7.4	7.0	6.6	6.7	6.9	7.0	7.3	7.4	7.8	7.7	7.3	6.1	6.5	5.7	5.4	5.7	6.4
5	5.4	5.3	5.3	5.9	6.0	5.7	6.8	8.4	9.4	9.2	9.5	10.2	10.6	11.1	11.1	11.6	11.6	12.2	10.5	10.5	10.4	7.7	5.6	5.7	8.6
6	6.1	6.1	5.7	5.7	4.4	2.7	4.0	4.9	3.6	2.9	3.6	4.1	5.3	5.4	5.3	5.7	6.0	4.9	3.6	3.1	2.5	2.7	2.5	3.8	4.4
7	4.2	4.4	4.1	5.1	4.6	4.7	5.1	5.4	5.0	3.4	1 9	4.1	5.5	6.3	6.8	7.6	8.3	8.2	6.6	6.5	6.7	6.0	4.7	4.9	5.4
8	5.3	5.1	5.3	4.8	4.9	4.5	5.3	5.6	6.1	7.2	7.3	7.0	6.7	6.9	7.4	7.4	7.3	7.3	7.2	6.4	5.7	5.8	4.9	4.6	6.1
9	5.4	5.9	5.6	5.7	5.7	5.5	5.6	6.5	6.3	6.7	6.9	6.1	6.6	7.5	7.9	7.9	7.6	7.9	7.7	5.8	4.5	4.2	4.8	5.3	6.2
10	5.1	5.3	5.0	4.8	4.6	4.1	3.8	4.7	5.7	5.6	6.0	6.7	7.2	6.7	6.6	6.9	7.0	7.6	7.0	5.3	4.6	4.5	4.5		5.7
11	4.0	4.8	5.0	4.9	4.7	4.8	5.6	5.6	6.0	6.4	6.6	7.3	6.7	6.9	7.0	7.5	7.6	7.2	7.5	6.9	6.4	5.7	5.5	5.5	6.1
12	5.6	5.3	5.1	5.5	5.6	6.3	5.7	5.9	5.9	6.6	6.6	7.0	7.6	8.0	7.7	7.5	7.3	7.8	6.0	6.8	7.0	6.5	6.3	6.5	6.6
13	6.6	6.0	5.8	5.7	5.8	5.1	5.7	7.6	7.6	6.3	6.4	6.6	8.7	9.9	9.3	8.7	6.6	6.5	7.3	5.5	3.5	3.1	2.5	3.5	6.7
14	3.7	3.9	3.6	3.6	3.1	3.2	3.2	2.7	3.8	5.4	5.3	5.4	5.5	6.3	6.8	7.7	7.2	6.6	5.9	4.7	4.2	4.7	4.7	2.9	4.6
15	4.5	4.7	4.5	4.6	4.6	4.4	4.2	4.2	3.7	4.1	4.4	4.8	5.5	6.0	6.7	7.4	6.9	6.5	5.1	3.0	2.1	1.9	1.1	2.0	4.5
16	3.0	3.4	3.7	4.1	4.2	4.2	3.9	3.6	3.9	3.4	3.0	4.5	5.1	6.0	6.8	6.6	7.6	6.6	6.0	4.6	3.1	2.5	3.0	2.6	4.4
17	3.4	4.9	4.9	4.4	4.1	4.5	4.0	4.9	5.6	6.7	7.3	7.4	7.0	7.5	6.0	7.9	7.3	7.2	6.6	5.6	5.7	6.6	7.9	7.9	6.1
18	7.3	4.7	3.8	3.9	3.0	4.5	4.2	5.4	6.9	7.5	8.7	9.6	10.2	10.2	9.7	10.4	10.7	9.9	9.5	7.2	6.8	7.0	6.7	6.7	7.3
19	6.6	7.3	7.5	7.6	7.4	7.9	7.3	7.7	7.9	8.2	8.9	9.7	11.0	10.1	6.6	7.4	8.5	8.5	6.5	7.3	7.9	6.9	6.6	6.6	8.6
20	5.9	5.1	4.6	5.0	5.2	5.4	5.0	5.3	6.8	7.9	6.6	9.2	9.5	9.2	10.5	11.1	11.1	9.4	8.2	6.6	6.7	7.2	6.4	6.4	7.3
21	6.6	6.6	6.7	5.9	5.3	5.5	6.0	6.4	7.6	7.9	6.6	6.8	6.3	6.4	6.6	6.0	6.6	6.2	6.5	6.0	5.3	5.3	5.3	5.1	6.5
22	3.9	3.4	3.6	4.1	4.7	4.2	3.6	3.9	3.9	4.5	3.8	4.4	5.5	6.3	7.0	7.5	7.3	7.4	7.8	5.8	4.9	5.0	5.6	5.0	5.1
23	4.2	3.5	4.1	4.7	4.9	3.8	5.6	6.5	7.3	6.8	7.5	7.4	6.5	8.6	9.3	9.2	9.6	9.7	8.8	7.7	7.0	7.3	6.8	5.4	6.8
24	6.4	5.6	6.4	5.9	6.5	6.4	6.3	7.8	8.2	8.9	9.5	9.6	9.3	9.0	10.4	10.1	9.8	9.3	8.5	7.2	7.0	6.7	6.1	6.6	7.8
25	7.3	7.5	7.7	6.1	6.6	6.7	6.8	7.9	7.9	7.6	6.9	6.9	7.6	7.7	7.7	8.5	8.7	8.0	7.4	6.1	6.1	6.3	5.9	5.8	7.2
26	5.5	5.9	6.4	5.9	5.0	5.5	5.4	6.5	7.7	7.6	7.5	9.3	9.4	8.0	7.5	7.3	8.5	7.6	7.4	6.1	5.7	5.0	4.5	4.7	6.7
27	5.0	5.4	5.3	6.0	7.2	7.6	7.0	8.7	8.9	8.7	8.6	9.2	10.4	9.5	9.3	11.0	11.5	10.6	9.7	8.6	7.9	6.9	6.6	6.1	8.2
28	5.1	5.0	5.0	4.9	5.1	5.3	4.9	4.7	5.4	4.9	5.3	6.5	6.6	6.7	7.5	7.9	8.0	8.6	7.9	6.7	4.5	3.9	4.5	4.5	5.6
29	6.0	6.7	5.9	3.6	5.3	5.1	5.0	6.0	6.6	6.0	6.0	6.3	6.1	6.6	6.5	6.9	7.5	6.6	5.0	3.7	2.2	1.6	1.1	1.6	5.2
30	3.2	4.9	5.9	5.1	4.9	5.0	5.6	6.1	6.1	6.4	6.5	6.1	5.9	5.7	6.1	6.3	6.3	6.4	5.5	5.0	5.3	5.6	4.9	3.8	5.5
31	4.1	4.6	4.7	4.6	4.8	5.3	5.1	5.6	6.4	6.0	5.1	4.2	4.7	4.6	4.9	5.3	5.4	5.6	4.7	4.4	3.0	3.4	4.4	5.9	4.9
AVG	5.1	5.2	5.2	5.1	5.1	5.1	5.2	5.9	6.4	6.6	6.8	7.0	7.3	7.5	7.7	8.0	8.1	7.9	7.2	6.1	5.5	5.2	5.1	5.1	6.2
STD	1.1	1.0	1.0	0.8	0.9	1.1	1.1	1.4	1.5	1.6	1.9	1.8	1.8	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.6	1.6	1.5	1.1
MAX	7.3	7.5	7.7	7.6	7.4	7.9	7.3	6.7	9.4	9.2	9.5	10.2	11.0	11.1	11.1	11.6	11.3	12.2	10.5	10.5	10.4	7.7	7.9	7.9	8.6
MIN	3.0	3.4	3.6	3.6	3.1	2.7	3.2	2.7	3.6	2.9	1.9	4.1	4.7	4.6	4.9	5.3	5.4	4.9	3.6	3.0	2.1	1.6	1.1	1.6	4.4

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RAS EL HEKMA,EGYPT AUGUST 1985 20M AGL BNW DATA(M/S)

DAY / HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.5	5.0	5.0	4.6	5.0	5.0	4.1	4.9	5.3	4.6	4.8	5.6	5.8	5.6	5.4	4.6	4.5	5.3	6.5	6.7	5.5	4.8	5.9	6.0	5.2
2	6.0	5.3	6.4	7.4	5.8	6.0	5.6	6.5	6.7	8.9	6.1	6.0	6.0	5.9	6.3	8.8	7.0	7.3	6.6	5.3	4.8	3.9	4.9	4.6	6.0
3	5.4	5.3	6.1	4.9	5.6	5.5	5.7	7.6	7.8	7.6	7.9	7.7	6.8	6.5	6.3	6.5	8.0	9.1	8.2	8.0	9.1	9.5	9.5	9.7	7.3
4	10.2	11.4	11.7	11.2	8.6	7.3	5.8	6.1	6.6	7.0	8.3	9.3	9.5	9.8	9.5	9.1	9.4	9.3	7.8	6.5	6.6	7.4	6.7	6.1	8.4
5	5.5	4.7	4.7	5.1	5.5	5.0	6.0	6.6	8.0	8.4	8.6	8.2	8.2	8.2	7.9	8.4	9.2	8.5	7.8	8.3	5.4	4.2	4.5	4.4	6.7
6	3.6	3.8	3.7	4.1	4.1	3.6	3.7	2.8	2.6	2.5	2.8	3.0	4.2	4.5	4.5	5.4	6.1	6.1	4.7	3.1	2.1	2.5	2.6	3.2	3.7
7	4.0	3.7	3.7	3.2	4.0	2.9	3.8	2.3	0.6	0.9	2.1	2.9	4.0	5.4	5.6	5.4	5.0	4.1	3.9	3.6	2.8	2.3	1.2	1.3	3.3
8	2.3	2.9	2.8	3.9	4.7	4.5	5.6	5.4	6.0	8.2	6.5	7.6	8.3	8.4	8.7	9.4	9.4	8.6	8.3	8.4	8.4	6.5	8.3	7.9	6.7
9	7.4	6.7	6.0	5.6	5.8	5.7	5.3	6.8	7.4	7.0	8.9	6.8	7.6	8.3	8.9	9.7	9.6	9.7	9.8	9.2	8.0	7.7	6.9	7.2	7.5
10	8.3	6.9	8.5	6.8	6.5	6.5	6.6	7.5	7.8	7.8	7.3	7.5	6.6	7.2	7.4	7.5	8.4	8.4	8.0	6.9	5.8	4.5	5.3	5.4	6.9
11	5.3	5.5	5.9	5.8	5.6	5.3	4.7	5.1	5.9	8.1	8.6	6.9	7.6	8.3	8.8	8.5	8.4	8.2	7.2	5.0	4.6	4.2	4.0	3.6	6.1
12	3.8	4.7	4.8	4.5	5.1	5.8	4.6	4.0	4.6	4.4	4.7	4.8	4.8	5.7	6.0	6.6	6.7	6.4	6.0	4.5	3.0	2.6	2.8	3.8	4.8
13	3.7	4.0	3.4	3.9	3.2	4.4	4.5	4.4	4.7	4.7	4.9	5.8	5.4	5.4	5.8	5.7	6.0	6.0	5.8	4.5	3.0	2.6	1.9	1.3	4.4
14	0.7	0.9	2.0	2.0	3.4	3.8	3.5	3.1	4.5	4.1	4.7	4.8	5.1	5.5	6.1	6.4	7.0	7.2	6.3	3.8	3.8	2.1	1.7	2.0	3.9
15	2.3	3.6	4.5	4.6	5.3	4.8	3.5	3.7	3.9	3.1	3.2	5.3	6.8	7.0	7.0	7.0	7.6	6.4	5.3	3.9	3.8	3.5	3.2	2.9	4.7
16	3.0	3.8	4.8	4.1	4.4	4.0	3.6	4.4	5.0	4.1	2.3	2.1	3.2	4.5	4.6	4.4	4.4	3.4	2.8	1.9	1.2	1.1	2.2	3.5	3.5
17	4.0	4.6	4.4	4.0	4.6	4.6	4.2	3.0	2.1	1.2	1.6	2.0	4.1	6.3	6.9	7.2	6.9	6.9	6.0	5.5	4.9	4.9	3.7	3.4	4.5
18	3.2	4.2	3.7	3.6	3.9	3.9	3.9	3.9	4.1	4.1	4.9	4.9	5.5	6.3	6.7	6.9	6.7	6.1	5.4	4.2	3.7	2.6	2.5	2.8	4.5
19	3.1	4.0	3.8	3.6	4.1	4.1	3.9	5.3	5.8	5.5	5.4	5.5	5.7	5.9	6.3	6.9	8.8	6.6	6.1	4.7	5.3	5.1	4.6	4.9	5.1
20	5.8	5.6	5.6	5.3	5.8	6.0	6.0	6.6	7.2	6.9	7.2	7.9	9.4	9.4	10.3	9.9	10.5	9.9	8.7	8.3	8.4	7.7	7.6	7.6	7.7
21	7.3	6.9	7.3	5.7	6.5	6.9	6.1	6.7	7.5	7.8	7.4	9.2	8.0	7.9	6.4	8.6	9.2	9.3	8.6	7.7	6.0	6.5	6.6	8.5	7.7
22	8.4	8.6	7.7	6.8	5.5	5.6	6.1	6.8	7.9	7.8	7.7	8.6	8.7	8.5	6.6	8.5	8.6	6.4	7.7	6.5	6.5	5.9	6.0	5.6	7.4
23	5.5	5.5	5.8	5.1	4.7	4.9	4.6	4.7	4.9	4.7	4.7	5.9	4.7	5.3	5.6	5.6	5.5	5.8	5.5	4.8	4.6	5.0	3.6	3.1	4.9
24	3.4	2.9	3.0	4.1	4.8	4.6	4.4	3.5	3.4	3.5	3.8	4.[illegible]	4.7	5.4	5.5	5.5	6.7	6.9	5.9	5.8	5.5	5.1	4.9	5.0	4.7
25	4.8	3.9	3.4	3.2	3.5	3.8	3.9	4.6	5.0	5.4	5.7	6.7	7.7	7.6	7.7	7.6	7.9	8.4	7.5	7.5	6.3	6.5	6.4	5.9	5.9
26	5.8	4.9	5.6	4.9	5.5	3.2	3.7	4.0	6.7	6.6	7.5	7.7	6.6	8.7	9.2	9.8	9.6	8.7	7.9	6.8	6.8	7.2	6.7	6.7	6.6
27	8.9	6.9	8.6	5.7	6.0	7.0	8.0	7.5	8.7	9.9	10.4	10.0	10.8	11.1	10.7	11.1	10.8	10.7	10.3	8.7	7.3	7.5	7.6	7.6	8.7
28	7.9	7.7	8.5	10.5	11.2	11.6	11.2	11.3	11.6	10.5	10.6	10.2	9.5	9.4	9.3	9.3	9.9	9.8	9.5	9.6	8.8	8.3	8.6	8.4	9.7
29	7.7	7.4	6.8	6.9	6.8	5.9	5.0	4.9	7.2	7.4	7.8	8.2	6.4	6.3	6.0	8.3	8.3	8.3	7.6	6.5	5.9	5.9	5.9	5.4	7.0
30	4.0	4.5	4.2	3.4	4.1	4.0	3.9	3.8	4.9	5.5	6.0	6.6	7.3	7.5	7.5	7.3	7.2	7.0	6.1	4.5	3.9	3.4	3.6	3.6	5.2
31	3.7	4.2	3.8	2.9	4.0	4.0	5.0	5.1	6.6	7.5	7.9	8.3	9.3	8.6	8.6	8.8	6.7	8.4	7.4	6.8	6.5	6.0	6.1	5.5	6.5
AVG	5.1	5.2	5.2	5.1	5.3	5.2	5.1	5.3	5.8	5.8	6.0	6.4	6.6	7.2	[illegible]	7.5	7.7	7.6	6.9	6.0	5.5	5.2	5.1	5.1	6.0
STD	2.0	2.0	1.9	2.0	1.6	1.6	1.6	1.8	2.2	2.3	2.2	2.2	1.9	1.7	[illegible]	1.7	1.7	1.7	1.7	1.9	2.0	2.2	2.3	2.1	1.6
MAX	10.2	11.4	11.7	11.2	11.2	11.6	11.2	11.3	11.6	10.5	10.6	10.6	10.6	11.1	[illegible]	11.1	10.8	10.7	10.3	9.6	9.1	9.5	9.5	9.7	9.7
MIN	0.7	0.9	2.0	2.0	3.2	2.9	3.5	2.3	0.6	0.9	1.6	2.0	3.2	4.5	[illegible]	4.4	4.4	3.4	2.8	1.9	1.2	1.1	1.2	1.3	3.3

RAS EL HEKMA,EGYPT SEPTEMBER 1986 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.3	5.5	5.7	6.3	5.0	3.7	4.5	4.8	6.7	8.5	8.5	8.4	8.2	8.2	8.4	8.5	7.9	8.2	7.5	6.4	5.4	5.7	4.8	4.2	6.5
2	4.2	4.7	5.0	3.5	2.9	3.4	3.5	4.2	5.1	5.9	6.4	6.6	6.3	5.7	5.6	6.6	7.0	7.6	6.7	5.4	4.6	3.4	3.0	3.0	5.0
3	2.9	3.4	3.5	3.2	3.0	3.4	4.1	3.1	4.7	5.1	5.4	5.3	5.4	5.9	6.1	6.9	7.0	6.9	5.8	5.3	5.1	4.6	4.6	4.9	4.8
4	4.5	2.8	4.0	4.5	4.1	4.7	4.2	4.0	5.5	5.9	6.9	7.7	8.0	8.2	8.7	9.1	9.2	8.8	7.7	7.2	7.2	6.6	6.1	6.3	6.3
5	6.4	7.3	7.8	7.4	7.9	7.5	7.6	7.6	7.3	7.6	7.8	8.0	7.6	7.5	8.3	8.0	8.9	8.5	8.6	8.0	6.5	8.5	7.6	7.3	7.8
6	6.8	6.9	6.7	6.9	7.6	7.4	6.6	8.0	8.7	7.7	6.5	5.9	6.4	7.3	7.5	7.6	7.8	7.5	7.0	5.3	4.2	3.0	2.3	2.7	6.4
7	3.5	3.7	3.2	3.7	3.8	3.5	2.9	2.9	2.7	3.5	3.9	4.4	4.9	5.9	6.3	6.8	6.4	5.6	4.9	4.5	4.2	4.4	4.8	4.9	4.4
8	4.8	4.6	4.2	4.0	4.2	4.8	5.0	3.6	3.8	4.9	5.5	6.0	6.3	6.4	7.3	8.2	8.3	7.9	7.4	6.7	5.8	4.9	4.9	4.8	5.6
9	5.1	6.3	5.4	5.0	4.7	5.6	5.9	5.5	6.1	6.5	6.5	7.0	7.3	7.3	7.6	7.8	7.8	7.3	6.4	5.3	4.5	3.2	3.4	2.5	5.8
10	2.2	2.1	1.6	1.7	2.0	1.9	2.5	2.3	2.1	2.7	4.5	4.6	5.6	5.6	6.0	6.0	5.8	5.6	4.7	3.6	3.1	3.2	4.0	3.9	3.6
11	3.1	2.1	1.8	2.3	1.9	3.1	4.2	4.1	4.7	5.9	6.6	6.6	6.7	7.3	7.9	7.3	7.7	7.6	6.4	5.6	5.7	5.5	5.8	6.0	5.2
12	5.6	4.6	5.1	5.3	5.3	5.0	5.3																		5.2
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30																									
AVG	4.5	4.5	4.6	4.6	4.4	4.6	4.7	4.6	5.2	5.8	6.2	6.4	6.6	6.8	7.2	7.5	7.6	7.4	6.6	5.8	5.3	4.8	4.7	4.6	5.6
STD	1.3	1.7	1.8	1.7	1.8	1.6	1.4	1.7	1.9	1.7	1.3	1.3	1.0	0.9	1.0	0.9	1.0	1.0	1.1	1.3	1.4	1.6	1.4	1.5	1.1
MAX	6.8	7.3	7.8	7.4	7.9	7.5	7.6	8.0	8.7	8.5	8.5	8.4	8.2	8.2	8.7	9.1	9.2	8.8	8.6	8.8	8.5	8.5	7.8	7.3	7.8
MIN	2.2	2.1	1.8	1.7	1.9	1.9	2.5	2.3	2.1	2.7	3.9	4.4	4.9	5.8	5.6	6.0	5.8	5.6	4.7	3.6	3.1	3.0	2.3	2.5	3.6

RAS EL HEKMA,EGYPT NOVEMBER 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									
13																									
14																									
15															5.5	5.7	6.1	4.8	4.5	4.4	4.0	4.6	3.7	4.2	4.8
16	3.8	4.6	4.0	4.4	4.8	4.2	4.5	3.6	3.8	4.7	4.6	5.6	5.9	5.7	6.0	6.6	6.7	5.4	4.1	4.7	5.1	5.5	4.5	5.1	4.9
17	4.6	4.2	4.8	5.1	5.7	7.5	6.0	7.4	7.0	7.5	6.7	6.8	7.4	7.8	7.9	7.6	6.5	5.7	5.9	5.8	6.4	5.8	5.3	4.4	6.2
18	4.1	4.2	4.2	6.0	5.0	4.7	3.9	4.0	4.0	4.1	3.9	3.9	4.6	4.6	5.0	5.3	5.1	4.7	4.4	4.6	4.8	4.9	4.4	4.0	4.5
19	4.4	4.4	4.4	4.1	1.5	0.7	0.3	2.0	2.3	3.1	3.6	4.0	4.7	5.0	5.3	5.3	4.8	3.9	3.8	3.9	4.2	4.7	4.2	4.4	3.7
20	3.4	3.1	2.2	1.5	1.3	1.7	2.1	2.2	2.3	3.2	2.0	2.7	2.6	2.5	3.0	3.0	3.4	3.1	3.2	2.6	2.5	2.0	2.1	2.0	2.5
21	1.8	1.9	2.9	1.7	1.6	0.7	1.6	2.0	2.2	1.9	2.0	2.3	3.2	3.5	3.0	3.8	4.0	3.0	3.0	1.5	1.6	2.1	1.3	1.0	2.3
22	1.0	2.6	4.4	3.6	2.8	3.2	4.0	3.1	2.2	2.2	2.3	2.3	2.6	2.6	3.6	3.7	3.6	3.8	3.1	2.9	2.7	2.5	3.8	3.9	3.0
23	2.7	2.5	2.1	2.0	2.5	1.2	1.2	1.6	1.0	1.1	2.7	3.1	3.3	3.6	3.6	4.0	3.7	4.6	4.7	5.3	5.4	4.2	4.5	5.4	3.2
24	5.0	5.6	5.0	4.9	5.4	5.7	6.5	8.6	7.0	8.6	10.3	9.4	8.3	8.4	8.8	7.8	7.5	7.6	5.9	5.0	6.6	6.5	7.6	7.9	7.1
25	8.9	8.9	9.7	9.2	8.6	10.3	9.6	9.6	10.2	11.7	12.1	11.4	12.1	11.6	10.8	9.9	8.4	5.6	5.5	5.7	6.3	6.6	6.4	6.5	9.0
26	6.9	7.5	6.0	6.4	6.1	5.0	6.0	6.4	6.7	5.5	5.8	6.5	6.7	6.6	5.4	5.1	3.6	2.2	1.6	1.6	2.9	4.5	5.6	6.7	5.3
27	6.9	6.5	6.6	6.0	5.6	6.1	5.4	3.8	3.0	5.5	6.8	7.0	6.9	5.8	5.4	4.1	4.0	4.1	4.4	4.4	3.5	3.8	3.9	5.3	5.2
28	6.0	6.9	5.4	2.9	3.7	6.0	5.7	7.9	4.4	5.7	5.0	4.2	4.1	3.1	4.6	4.6	5.3	4.9	4.6	4.7	5.0	4.4	5.0	5.7	5.1
29	6.0	6.6	6.6	6.3	7.5	7.4	7.4	8.2	6.2	6.5	9.6	9.4	8.5	9.6	11.0	7.9	7.5	7.0	8.3	9.4	8.9	8.7	8.6	6.5	8.1
30	6.6	6.6	6.5	8.7	9.1	8.9	8.8	8.3	8.5	8.4	9.3	9.6	9.4	9.4	8.7	9.6	9.6	9.7	10.7	10.4	9.4	9.1	9.4	9.6	9.1
AVG	4.9	5.1	5.1	4.9	4.8	4.9	5.0	5.2	4.9	5.5	5.9	5.9	6.0	6.0	6.1	5.9	5.6	5.1	4.9	4.6	4.9	5.0	4.9	5.2	5.3
STD	2.2	2.2	2.1	2.2	2.4	2.9	2.7	2.7	2.8	2.9	3.1	2.9	2.7	2.8	2.5	2.1	1.9	1.9	2.1	2.3	2.1	2.0	2.1	2.0	2.1
MAX	8.9	8.9	9.7	9.2	9.1	10.3	9.6	9.6	10.2	11.7	12.1	11.4	12.1	11.6	11.0	9.9	9.6	9.7	10.7	10.4	9.4	9.1	9.4	9.6	9.1
MIN	1.0	1.9	2.1	1.5	1.3	0.7	0.3	1.6	1.0	1.1	2.0	2.3	2.5	2.5	3.0	3.0	3.4	2.2	1.6	1.5	1.6	2.0	1.3	1.0	2.3

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RAS EL HEKMA,EGYPT DECEMBER 1985 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	9.2	8.9	8.6	9.1	8.5	8.5	7.7	7.6	7.9	8.0	8.5	8.3	7.9	7.8	8.2	8.7	8.0	7.0	8.3	8.6	5.5	5.8	5.4	8.3	7.7
2	6.8	5.8	6.9	7.3	7.9	7.4	7.9	8.8	8.8	9.8	10.1	9.4	10.1	10.2	10.5	10.4	8.7	8.4	8.3	8.0	7.2	8.3	8.2	8.7	8.5
3	8.6	9.2	9.1	9.2	9.6	8.8	8.6	7.9	8.0	7.9	7.9	7.8	7.7	7.6	7.2	7.3	6.8	6.5	6.6	6.1	5.6	5.7	5.3	5.6	7.5
4	5.3	5.7	5.6	6.3	6.1	6.3	4.9	5.5	5.4	6.4	5.9	5.8	6.1	6.1	5.8	4.8	3.7	2.8	4.1	3.7	3.4	3.6	2.7	2.5	4.9
5	2.2	2.7	3.2	3.9	3.7	3.2	3.4	3.7	3.1	2.8	1.3	2.5	3.1	3.2	3.0	2.9	3.5	2.7	2.9	3.4	2.9	2.6	2.1	2.2	2.9
6	2.2	2.8	2.0	2.8	3.0	3.1	3.1	2.7	2.3	2.8	3.4	3.4	3.4	3.2	3.2	3.9	4.2	3.8	4.0	4.0	3.9	4.5	4.5	4.6	3.4
7	3.8	3.2	3.7	3.5	3.7	3.0	2.7	3.4	3.0	4.2	4.1	5.0	4.8	5.1	5.6	5.9	6.0	6.1	5.3	5.6	5.6	4.8	4.4	4.8	4.4
8	4.5	4.0	4.8	4.1	4.4	3.8	4.1	3.4	4.5	5.1	6.0	6.6	6.9	7.0	5.3	4.2	4.2	3.9	3.9	4.5	2.9	4.0	2.0	2.3	4.4
9	2.9	2.3	2.3	2.0	1.9	1.9	3.0	3.6	3.5	1.8	1.8	1.8	1.7	2.9	2.9	3.0	3.2	2.8	3.2	3.4	3.2	2.5	2.3	2.1	2.8
10	2.1	1.8	2.5	2.2	1.7	0.8	0.9	1.2	2.5	2.2	1.8	1.9	2.7	2.2	3.1	5.8	2.5	2.8	3.2	2.8	1.2	0.8	0.6	1.0	2.1
11	1.6	2.0	1.8	1.6	2.0	1.6	1.6	1.3	1.2	1.3	3.6	3.7	4.0	3.7	3.8	3.8	3.8	3.9	3.9	4.1	4.0	4.9	4.7	2.6	3.0
12	2.2	1.5	2.6	2.7	3.1	4.1	5.3	4.6	5.4	7.2	7.9	7.6	7.2	6.8	6.8	6.6	6.5	5.8	4.8	5.0	5.9	5.7	6.5	6.9	5.4
13	6.3	6.3	4.2	3.2	2.8	2.5	2.3	3.7	3.5	3.0	1.7	2.5	3.9	5.0	6.1	5.7	4.4	4.4	4.5	4.0	2.6	2.7	2.8	4.2	3.8
14	4.4	4.5	4.6	4.8	4.8	4.2	4.7	5.8	4.8	3.5	4.5	5.5	5.5	5.5	6.9	6.3	5.0	3.2	3.9	4.1	4.6	3.6	1.3	2.0	4.5
15	1.6	2.5	3.0	0.6	1.6	3.0	2.6	1.3	2.5	3.0	3.4	3.6	3.6	4.7	5.3	4.7	3.9	3.7	4.6	4.2	3.4	3.1	3.1	3.4	3.2
16	3.5	3.1	2.7	2.6	2.9	4.7	4.1	2.6	1.6	2.1	5.0	4.6	4.5	4.0	4.0	4.0	4.2	3.6	3.8	3.7	3.8	4.1	2.7	4.0	3.6
17	3.8	3.6	4.2	4.5	3.8	3.5	4.6	4.9	6.9	10.2	9.3	7.6	7.6	6.0	9.6	8.3	7.5	6.7	6.5	5.1	6.4	10.1	9.6	9.1	6.6
18	8.4	9.5	9.1	9.4	8.6	6.6	9.3	10.2	10.5	9.6	9.4	9.5	9.7	9.4	9.1	7.7	7.0	6.6	6.7	6.0	6.5	6.0	6.0	5.6	8.3
19	5.5	5.1	5.0	5.1	5.7	5.6	6.7	6.1	6.3	6.9	5.8	6.5	7.2	6.5	6.3	5.6	4.6	4.0	2.9	2.3	2.2	1.7	1.3	2.3	4.9
20	4.0	4.2	4.0	4.1	5.0	4.4	4.6	4.9	4.2	4.4	6.1	6.5	6.6	6.0	6.4	5.6	4.9	5.3	4.5	4.5	5.4	5.8	5.6	6.8	5.2
21	6.6	6.1	6.4	6.5	6.7	7.0	6.3	7.6	6.4	8.4	8.5	8.3	7.6	7.0	7.7	8.5	8.6	9.1	8.6	7.9	6.8	6.3	5.6	4.1	7.4
22	3.9	6.5	4.7	4.6	2.0	2.7	4.4	4.4	5.0	3.9	3.9	5.3	6.5	7.2	4.2	8.4	3.6	2.3	4.0	5.7	6.1	6.3	5.8	6.0	5.0
23	7.3	6.3	7.5	7.6	6.8	7.8	7.5	6.9	7.6	7.6	7.2	9.1	9.4	9.7	8.9	8.0	6.7	5.5	5.6	5.3	5.5	6.1	6.5	7.4	7.2
24	8.0	6.4	7.3	6.6	7.3	7.4	7.3	6.7	6.0	6.0	6.5	7.3	7.0	6.0	6.4	6.3	5.0	4.7	5.6	5.0	5.8	6.4	8.7	7.4	6.4
25	6.7	6.4	6.7	8.5	6.5	6.0	5.9	6.1	6.0	5.6	6.6	6.2	7.0	7.9	7.6	8.2	6.0	7.2	6.3	6.3	7.7	6.4	5.4	5.6	6.6
26	6.3	6.1	6.3	6.1	5.8	6.3	5.6	5.6	6.1	5.7	5.8	6.0	7.0	7.5	8.0	7.0	6.7	4.9	5.6	5.9	6.4	6.1	6.3	6.0	6.2
27	5.7	6.0	6.4	6.3	6.9	7.6	7.7	7.4	6.9	6.5	6.7	6.8	7.3	6.6	6.9	8.9	6.7	4.9	5.3	6.3	6.6	6.8	7.3	7.3	6.7
28	7.6	7.8	7.7	8.4	7.6	8.5	7.2	6.6	6.6	5.8	6.3	6.7	6.6	6.7	8.7	5.6	4.5	3.0	2.7	2.8	4.0	4.5	4.4	4.4	5.9
29	3.4	2.9	4.4	4.7	5.1	5.0	3.9	3.7	2.1	1.6	2.0	2.3	2.1	2.0	2.0	2.5	3.0	3.1	3.1	2.7	3.0	2.3	1.9	2.5	3.0
30	4.4	4.9	4.5	4.0	4.7	5.4	5.9	6.0	6.1	5.3	4.9	5.0	6.7	6.3	4.0	6.5	5.6	4.9	5.1	4.6	4.6	3.0	2.9	4.2	5.1
31	5.0	5.3	5.4	3.9	2.8	3.4	4.2	5.0	2.9	4.9	4.2	2.8	3.1	3.5	3.4	3.6	2.2	2.2	3.0	2.9	3.3	1.7	4.2	3.8	3.7
AVG	4.9	4.9	5.1	5.0	5.0	5.0	5.2	5.1	5.2	5.2	5.5	5.7	5.9	6.0	6.0	6.0	5.2	4.7	4.8	4.7	4.7	4.0	4.4	4.7	5.2
STD	2.1	2.2	2.1	2.3	2.2	2.3	2.2	2.2	2.4	2.5	2.4	2.3	2.2	2.1	2.1	1.9	1.7	1.8	1.5	1.5	1.6	1.9	2.2	2.1	1.8
MAX	9.2	9.5	9.1	9.4	9.0	8.8	9.3	10.2	10.5	10.2	10.1	9.5	10.1	10.2	10.5	10.4	8.7	9.1	8.8	8.0	7.7	10.1	9.6	9.1	8.5
MIN	1.6	1.5	1.8	0.8	1.6	0.8	0.9	1.2	1.2	1.3	1.3	1.8	1.7	2.0	2.0	2.5	2.2	2.2	2.7	2.3	1.2	0.8	0.6	1.0	2.1

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RAS EL HEKMA,EGYPT JANUARY 1986 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.1	2.9	2.8	4.1	4.0	3.8	3.6	4.4	4.1	4.5	4.4	7.6	8.8	9.1	8.9	7.5	6.7	6.3	6.4	7.0	7.3	7.5	7.0	6.6	5.7
2	6.3	8.4	6.4	8.6	7.4	6.9	8.9	8.9	5.4	8.8	9.9	11.7	11.4	10.7	11.2	11.4	11.0	8.0	6.8	6.8	7.3	7.3	7.9	7.8	8.4
3	7.6	8.3	8.2	7.8	7.8	6.4	5.6	5.5	5.1	5.3	5.5	6.1	5.9	6.6	6.1	6.0	5.1	3.9	3.7	3.7	3.4	2.1	2.9	3.6	5.5
4	2.8	2.5	4.2	4.1	3.6	3.7	3.7	4.1	4.0	3.6	2.9	1.5	1.1	1.1	3.8	3.2	2.1	2.2	2.2	2.2	2.3	2.1	2.7	2.6	2.8
5	2.3	2.7	2.7	2.2	2.2	2.0	3.1	3.0	3.1	3.4	3.0	2.9	2.3	1.3	1.8	1.6	2.1	2.3	1.9	2.8	3.1	2.8	2.5	2.1	2.5
6	3.5	3.7	3.6	3.0	3.0	4.1	5.0	6.4	5.3	4.9	4.2	3.4	2.7	4.7	5.1	5.8	6.6	6.9	7.0	6.0	4.1	5.1	6.1	4.0	4.8
7	1.7	2.1	2.9	2.2	3.7	4.8	6.4	6.0	7.0	8.0	9.2	9.4	9.3	8.5	6.7	6.4	4.7	2.9	3.6	5.5	6.3	6.7	6.6	7.6	6.8
8	7.7	7.6	7.2	7.8	8.0	8.0	7.6	7.8	7.6	7.4	8.3	8.2	8.6	8.6	7.8	7.2	6.6	5.6	5.3	4.7	3.9	4.0	4.1	2.9	6.8
9	5.3	5.7	5.6	5.5	5.6	5.8	6.0	6.8	6.1	4.7	4.4	4.7	4.0	3.5	3.4	3.8	4.2	3.1	3.1	3.5	4.2	5.3	5.4	5.7	4.8
10	6.1	6.1	8.4	6.1	5.4	6.4	6.7	7.3	6.1	6.8	8.2	8.8	9.2	8.0	6.7	6.1	5.5	4.1	4.5	5.3	5.7	6.4	6.4	6.7	8.5
11	6.5	7.0	7.5	7.6	7.0	7.3	6.0	6.7	8.4	5.9	7.0	8.3	9.1	9.2	8.5	0.5	7.7	6.4	5.6	5.4	5.4	6.1	7.3	7.7	7.1
12	8.5	8.9	8.7	8.3	6.7	6.4	6.3	6.0	5.9	5.4	6.9	6.7	7.0	5.8	6.3	6.9	7.3	6.3	6.4	6.3	5.4	5.5	6.0	6.3	6.7
13	6.0	5.9	5.7	6.4	7.3	7.5	7.2	8.9	6.4	6.6	7.7	7.5	7.8	7.9	7.4	8.5	6.9	6.0	5.1	5.3	6.3	6.5	8.3	9.9	6.7
14	7.4	7.3	6.9	6.8	6.3	6.6	6.5	7.2	8.0	8.7	8.6	8.8	8.8	9.2	8.8	9.3	9.2	8.2	6.7	7.4	7.8	8.6	7.0	6.9	7.8
15	7.2	8.7	6.5	8.9	8.5	6.9	7.0	8.4	7.8	8.4	8.5	7.4	7.3	8.0	8.9	8.4	6.7	5.4	4.9	5.3	6.1	5.9	6.4	6.0	7.4
16	7.0	7.3	7.6	7.3	7.6	7.8	7.8	7.5	8.0	6.6	8.9	9.2	9.6	10.5	9.6	8.6	7.9	5.6	5.5	6.3	6.3	8.7	6.7	6.9	7.8
17	7.3	6.9	7.0	7.0	7.0	7.6	7.4	7.7	8.7	9.5	10.6	10.6	10.8	10.6	10.8	10.8	9.9	7.0	6.1	6.4	6.4				8.4
18																									
19																									
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24																									
25																									
26																									
27																									
28																									
29																									
30																									
31																									
AVG	5.7	5.9	6.0	6.0	5.9	6.0	6.2	6.5	6.2	6.4	7.0	7.2	7.3	7.3	7.1	6.9	6.5	5.3	5.0	5.3	5.4	5.5	5.7	5.8	6.2
STD	2.1	2.2	2.0	2.0	1.9	1.7	1.5	1.5	1.5	1.8	2.4	2.7	3.0	2.9	2.6	2.5	2.3	1.8	1.6	1.4	1.5	1.8	1.7	2.0	1.7
MAX	8.5	8.9	8.7	8.9	8.5	8.0	8.9	8.9	8.7	9.5	10.6	11.7	11.4	10.7	11.2	11.4	11.0	8.2	7.0	7.4	7.8	8.6	7.9	8.0	8.4
MIN	1.7	2.1	2.6	2.2	2.2	2.0	3.1	3.0	3.1	3.4	2.9	1.5	1.1	1.1	1.8	1.6	2.1	2.2	1.9	2.2	2.3	2.1	2.5	2.1	2.5

RAS EL HEKMA,EGYPT FEBRUARY 1988 20M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2																									
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10															9.1	8.2	7.3	4.1	2.7	1.2	8.6	8.2	1.5	2.1	3
11	1.6	2.2	1.9	1.2	1.3	1.1	1.8	1.6	2.2	3.5	5.8	5.4	5.1	4.4	3.2	2.2	5.1	4.8	4.5	3.1	2.5	3.4	4.8	4.6	3
12	5.7	5.6	6.[illegible]	7.3	5.6	6.4	5.7	6.1	6.8	7.2	7.9	7.9	8.9	8.8	8.2	6.9	5.8	5.7	5.8	6.5	7.7	8.8	7.2	5.9	6
13	5.3	5.3	5.3	5.3	5.5	5.8	4.2	4.5	5.6	6.6	8.3	9.9	10.4	11.7	13.8	13.1	11.5	9.4	7.4	7.2	6.1	5.9	6.4	7.3	7
14	9.1	8.4	9.2	9.4	9.4	7.9	9.1	9.2	9.4	11.8	10.5	11.1	11.2	12.6	11.4	11.3	11.3	9.9	9.6	9.4	8.9	8.2	6.9	6.1	9
15	5.9	5.7	5.4	5.8	6.0	5.9	5.6	4.9	4.9	5.9	6.4	6.8	6.4	5.8	4.9	4.4	3.9	3.4	2.5	1.8	8.6	2.3	4.5	5.3	4
16	4.9	5.5	5.6	5.5	5.5	6.1	6.4	6.0	5.9	6.6	8.0	7.4	6.2	7.8	6.7	5.9	5.5	4.5	5.1	4.5	6.0	6.6	6.1	5.1	6
17	6.3	5.8	7.4	6.0	4.4	3.2	4.5	6.0	12.3	14.2	13.7	13.1	12.3	12.4	11.8	11.8	9.9	8.0	7.4	7.2	7.2	5.5	5.8	4.5	8
18	4.9	4.5	5.4	4.8	5.0	5.0	4.8	4.0	2.6	2.1	1.6	1.7	2.7	3.1	3.4	3.8	4.1	4.0	3.6	3.5	3.7	4.6	4.7	4.0	3
19	3.2	3.4	3.1	3.9	4.0	4.6	2.8	4.0	4.8	5.7	6.7	8.3	7.4	7.3	6.8	5.3	4.6	4.[illegible]	4.0	5.1	6.4	3.4	3.6	4.6	4
20	4.7	5.0	5.0	3.9	3.2	5.8	8.0	7.9	7.6	7.0	6.5	6.7	8.4	8.8	8.5	8.5	7.7	7.0	5.8	5.0	5.0	4.4	4.6	4.8	6
21	3.8	4.7	3.9	3.0	3.5	3.4	3.1	2.8	2.3	1.6	1.3	1.2	0.9	3.1	2.6	3.5	3.2	2.8	2.0	2.7	2.6	3.4	3.6	3.8	2
22	4.1	3.1	2.9	4.2	4.5	3.9	4.5	5.1	3.9	2.3	2.6	2.6	2.5	2.8	3.1	3.4	3.7	4.0	4.9	4.2	3.9	4.2	4.1	4.7	3
23	5.3	5.3	5.7	5.5	4.1	2.8	4.0	5.3	6.4	7.6	7.6	7.3	6.1	7.6	7.9	8.0	6.6	10.1	9.4	10.4	10.7	7.4	7.3	8.2	8
24	7.6	7.3	5.4	5.4	5.5	5.3	6.6	6.1	6.5	7.9	9.2	9.7	9.9	9.6	9.3	8.5	6.5	8.3	6.1	5.3	5.3	3.9	4.0	5.0	6
25	4.2	4.1	4.9	4.8	4.6	4.2	5.[illegible]	4.6	3.9	2.5	1.9	1.7	2.1	3.1	2.9	2.5	2.6	2.7	2.0	2.5	2.6	3.2	3.8	4.6	3
26	5.3	4.5	4.0	3.6	3.0	3.6	3.[illegible]	4.2	4.5	3.6	3.5	2.1	2.0	1.9	4.1	4.4	4.1	3.8	3.4	2.9	3.9	5.5	5.5	5.1	3
27	4.9	4.9	4.0	3.6	3.8	4.7	5.6	[illegible]	5.3	4.1	3.2	4.7	5.0	4.5	3.9	3.7	3.0	4.5	3.6	4.7	4.6	5.6	6.7	6.9	4
28	7.6	7.4	7.0	7.0	6.8	6.8	7.3	6.[illegible]	7.4	8.0	8.5	8.9	9.8	9.7	10.6	9.9	8.9	8.4	9.1	8.9	8.8	8.5	6.5	8.7	8
AVG	5.3	5.1	5.2	5.0	4.8	4.8	5.1	5.4	5.7	6.0	6.3	6.4	6.6	7.0	6.9	6.6	6.2	5.8	5.3	5.0	5.1	5.0	5.2	5.4	5
STD	1.6	1.5	1.6	1.8	1.7	1.6	1.9	1.7	2.5	3.2	3.3	3.4	3.4	3.4	3.3	3.2	2.7	2.4	2.3	2.6	2.7	2.1	1.7	1.5	2
MAX	9.1	8.4	9.2	9.4	9.4	7.9	9.1	9.2	12.3	14.2	13.7	13.1	12.3	12.6	13.8	13.1	11.5	10.1	9.6	10.4	10.7	8.5	8.5	8.7	9
MIN	1.8	2.2	1.9	1.2	1.3	1.1	1.8	1.6	2.2	1.6	1.3	1.2	0.9	1.9	2.6	2.2	2.6	2.7	2.0	1.0	0.6	0.2	1.5	2.1	2

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RAS EL HEKMA,EGYPT MARCH 1986 28M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.7	8.3	7.9	8.0	8.5	8.4	8.4	8.5	8.6	8.7	8.7	8.5	8.8	8.4	8.7	8.5	8.6	7.3	6.5	5.9	6.5	6.3	5.7	4.8	7.8
2	4.7	4.4	3.9	4.0	3.6	4.5	3.9	3.6	3.2	3.7	3.9	3.9	5.1	4.1	3.4	3.8	3.5	3.8	3.2	3.5	2.9	3.1	3.7	4.4	3.8
3	5.1	5.4	6.1	6.5	3.9	2.6	3.4	2.3	3.4	3.6	4.5	4.7	4.5	4.7	5.6	5.8	7.3	6.6	7.5	6.8	7.2	4.2	8.8	8.4	5.8
4	8.6	7.3	7.7	7.2	5.4	6.0	6.4	6.3	7.0	6.6	7.5	7.4	6.7	6.8	6.7	6.5	5.1	4.2	3.6	2.8	3.5	2.6	2.2	3.6	5.7
5	4.1	4.0	4.2	4.6	5.3	5.4	4.6	4.5	4.0	4.0	2.8	3.5	4.0	4.0	4.9	6.0	3.5	3.0	2.7	2.7	3.1	2.2	2.8	4.6	3.9
6	4.2	4.2	5.1	4.9	1.9	3.1	2.2	2.9	3.5	5.9	6.4	6.4	7.8	8.3	7.3	6.1	5.6	5.6	3.8	2.6	2.6	3.7	2.7	2.6	4.6
7	3.4	4.6	5.1	5.8	6.4	6.1	3.6	3.4	4.6	5.9	6.6	7.7	9.1	9.4	8.3	7.5	7.7	8.7	9.3	8.4	8.8	8.5	9.7	7.2	6.9
8	6.3	5.9	7.8	8.9	9.3	9.6	10.2	9.6	9.8	9.3	7.6	5.4	5.1	5.7	4.7	3.8	3.4	3.9	4.9	6.4	7.8	6.7	7.6	6.0	7.1
9	8.4	7.6	6.3	6.7	7.3	6.3	5.8	5.8	6.5	7.6	8.0	6.7	6.3	8.8	9.7	9.1	8.3	7.5	6.4	5.9	5.6	4.9	4.7	3.6	7.0
10	3.4	2.7	2.8	3.4	3.6	4.6	3.6	3.1	2.2	2.2	2.5	3.0	4.2	5.0	5.3	5.5	4.4	3.8	3.7	2.8	2.7	3.0	2.7	2.3	3.4
11	2.0	1.5	1.6	2.0	1.2	0.7	0.6	1.1	1.2	3.7	4.5	5.3	5.4	5.7	5.6	5.6	5.5	5.5	4.6	4.7	4.6	4.6	4.4	4.5	3.6
12	4.4	3.7	3.2	3.4	2.0	1.2	1.7	2.9	4.1	4.9	4.6	4.7	4.1	4.5	5.3	4.9	4.6	5.0	5.6	5.7	4.4	4.4	4.6	4.2	4.1
13	4.2	4.0	5.3	4.5	5.4	5.6	7.6	7.5	6.7	5.9	5.6	5.6	6.3	6.3	6.8	7.7	8.6	8.6	6.9	7.5	6.1	5.1	5.7	5.6	6.3
14	5.9	7.5	7.9	6.6	8.3	8.5	8.7	9.4	9.7	9.4	8.6	9.1	9.3	9.7	9.6	10.2	9.4	8.0	6.6	5.9	5.6	5.9	5.3	5.7	8.0
15	4.9	5.0	4.7	4.9	4.9	4.8	5.9	6.0	5.4	5.4	5.4	5.3	4.6	4.8	4.4	4.6	4.9	5.1	3.8	2.6	3.7	3.6	3.1	2.0	4.6
16	1.8	1.0	1.0	1.6	2.6	2.0	2.5	3.2	3.2	1.9	1.6	2.9	3.5	4.0	5.3	5.4	5.5	4.9	4.1	4.6	4.6	4.4	4.4	4.4	3.3
17	1.9	1.5	1.7	2.3	3.0	3.7	3.5	2.9	2.6	2.7	2.6	2.7	4.0	4.2	4.9	5.1	5.1	5.1	5.1	5.8	6.7	7.2	6.6	7.0	4.1
18	8.8	6.9	5.9	4.5	3.1	1.0	0.8	1.2	2.6	4.6	6.1	6.8	6.5	6.7	7.6	7.6	7.7	7.3	6.3	5.1	5.4	4.7	4.1	3.8	5.1
19	4.0	4.0	3.5	4.0	3.9	3.6	4.5	4.2	4.7	5.0	4.0	3.6	4.2	4.6	5.1	5.7	5.6	4.7	3.5	3.2	3.6	3.6	3.7	3.1	4.2
20	3.9	4.4	3.8	3.8	3.6	4.5	4.2	3.9	4.9	4.1	4.9	5.6	4.9	4.8	4.7	5.0	5.0	4.7	4.5	4.2	4.1	4.7	3.6	3.2	4.4
21	3.6	3.6	3.5	3.7	3.9	4.5	4.8	5.7	5.6	6.5	4.9	4.5	6.1	5.4	5.6	7.3	9.3	9.3	8.0	7.3	7.4	7.6	8.9	9.2	6.1
22	9.3	8.6	8.4	8.6	10.7	11.3	11.2	11.5	10.3	10.3	9.5	9.1	8.9	5.1	5.4	8.9	10.3	10.6	9.5	8.0	8.2	7.5	6.8	6.3	8.8
23	6.7	6.4	6.1	6.4	6.7	7.5	7.2	7.2	7.6	7.6	7.4	6.4	6.5	7.0	6.8	6.0	5.5	4.7	4.6	4.1	3.6	4.[illegible]	3.9	3.7	6.0
24	3.2	3.5	4.2	3.0	3.4	4.7	5.7	5.4	4.7	4.5	4.7	5.3	5.1	5.4	4.7	4.7	5.5	4.9	5.0	6.0	5.8	4.2	3.8	3.2	4.6
25	2.5	2.2	3.8	4.5	4.7	5.0	4.6	4.0	4.6	5.0	5.4	5.6	5.3	5.9	6.3	5.6	5.0	4.4	3.5	3.0	2.5	2.3	2.7	2.9	4.2
26	2.5	1.9	1.8	2.5	3.4	4.4	3.9	3.9	4.5	4.9	4.2	4.7	5.4	5.9	6.5	6.3	6.9	7.2	6.7	5.7	5.7	5.5	6.0	4.6	4.8
27	4.8	5.5	5.8	5.0	4.8	4.6	4.1	4.0	5.1	4.4	3.6	2.9	3.4	4.6	5.3	5.7	6.4	6.6	5.6	5.3	5.4	5.6	5.9	4.4	4.9
28	5.5	4.7	4.2	4.0	3.7	3.4	3.0	3.4	3.7	4.9	5.0	4.4	3.1	2.7	3.0	4.5	3.8	3.4	3.0	3.2	2.7	1.2	1.6	2.7	3.5
29	4.6	5.0	4.8	3.1	2.1	3.9	3.9	1.8	3.7	3.5	8.0	11.3	9.4	8.0	9.2	9.5	11.0	10.5	8.4	7.2	6.4	5.7	5.8	6.9	6.3
30	6.1	6.0	6.7	6.8	8.6	6.9	5.9	6.0	5.8	6.0	7.4	8.6	10.2	11.2	10.8	10.7	10.2	9.2	7.6	7.0	8.6	6.3	4.0	3.5	7.4
31	4.2	4.6	4.5	4.1	4.9	5.6	6.0	6.7	6.3	6.6	6.1	4.7	6.0	5.6	5.9	5.0	5.6	5.6	4.4	3.4	1.8	0.9	1.7	3.0	4.7
AVG	4.8	4.7	4.8	4.9	4.8	5.0	4.9	4.9	5.2	5.5	5.5	5.8	5.9	6.1	6.2	6.4	6.4	6.2	5.5	5.1	5.0	4.8	4.8	4.6	5.3
STD	2.0	2.0	2.0	2.0	2.2	2.4	2.5	2.5	2.2	2.1	1.9	2.1	1.9	1.9	1.9	1.6	2.1	2.1	1.9	1.7	1.9	2.0	2.1	1.8	1.5
MAX	9.3	8.6	8.4	8.9	10.7	11.3	11.2	11.5	10.3	10.3	9.5	11.3	10.2	11.2	10.8	10.7	11.0	10.6	9.5	8.4	8.8	8.7	9.7	9.2	8.6
MIN	1.0	1.0	1.0	1.6	1.2	0.7	0.6	1.1	1.2	1.9	1.6	2.7	3.1	2.7	3.0	3.6	3.4	3.0	2.7	2.6	1.6	0.9	1.6	2.0	3.3

EL OBAYED,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1										8.2	8.3	7.8	8.8	9.3	10.3	9.9	9.8	9.9	9.9	9.1	8.2	7.8	7.4	8.5	8.7
2	5.5	5.3	4.9	5.5	5.1	5.9	5.8	6.1	8.7	8.4	9.2	9.4	9.7	10.4	10.5	9.9	9.6	9.3	8.4	7.2	6.6	5.6	4.5	4.5	7.3
3	3.9	2.3	3.2	3.8	3.8	3.9	4.1	3.8	3.6	3.7	4.4	5.3	5.8	6.0	6.0	6.4	5.8	4.9	5.0	5.0	4.9	4.4	4.9	4.8	4.6
4	3.9	4.4	4.8	5.3	5.3	5.1	5.1	4.9	4.6	4.7	4.5	4.6	4.7	5.1	5.8	5.8	6.3	5.7	5.5	4.4	3.5	3.5	3.1	3.4	4.7
5	3.5	4.0	4.1	3.8	3.4	3.6	3.8	3.8	3.8	3.7	3.2	3.1	3.6	3.9	4.5	4.8	4.9	4.7	3.6	3.6	1.9	2.7	3.4	3.4	3.7
6	3.7	4.2	4.9	4.9	4.8	5.1	4.7	4.6	5.0	5.4	5.7	6.5	7.0	6.9	6.9	7.9	7.7	6.8	5.4	5.7	4.9	4.0	3.5	3.1	5.4
7	2.7	3.7	4.1	3.8	3.6	3.8	3.0	2.9	3.0	3.2	3.2	3.4	3.6	3.1	2.8	2.2	2.2	1.7	1.9	2.7	2.9	2.6	2.8	3.4	3.0
8	4.8	5.1	5.6	6.7	6.7	7.2	8.9	9.2	9.7	9.5	8.3	7.3	7.8	8.7	7.2	6.7	6.0	6.3	5.7	5.1	4.0	3.6	3.6	3.0	6.5
9	3.1	3.5	4.0	4.6	4.8	5.4	4.7	5.1	6.3	6.0	6.4	6.7	7.2	7.7	6.8	6.7	7.3	5.6	4.1	3.4	3.4	3.6	3.4	2.9	5.1
10	3.1	2.5	2.1	2.0	2.5	2.9	2.8	1.3	1.1	2.0	3.0	2.7	3.0	3.9	2.9	2.5	1.6	1.5	3.2	2.7	2.1	0.9	1.1	1.3	2.3
11	0.0	0.7	0.1	0.9	1.7	1.1	0.4	0.8	0.8	1.7	2.2	2.9	2.8	3.1	2.7	2.2	2.1	2.5	2.5	1.9	2.9	2.2	1.7	1.6	1.7
12	3.1	4.8	4.7	3.5	4.1	3.9	4.6	4.7	5.4	3.2	2.9	2.9	2.1	2.6	2.2	1.7	1.6	1.6	2.2	2.8	2.8	1.3	1.5	3.8	3.1
13	2.1	2.7	3.9	2.7	2.6	2.7	3.4	2.7	2.3	3.2	6.4	7.8	7.7	7.8	7.6	7.9	7.8	7.8	7.9	9.2	9.6	9.1	7.7	8.2	5.9
14	7.8	7.8	7.6	7.9	7.4	6.6	8.0	5.1	4.8	4.0	4.1	3.6	3.0	3.7	3.6	4.6	4.8	3.9	4.1	3.6	2.9	2.7	2.0	2.1	4.8
15	2.6	0.7	1.1	1.5	1.7	1.3	1.3	3.8	4.5	6.1	6.0	7.4	8.4	8.8	8.6	8.4	8.8	8.8	7.7	7.4	6.3	8.1	7.0	6.6	5.4
16	5.4	5.4	6.5	6.7	7.4	7.9	8.0	9.7	9.6	9.5	9.3	10.3	10.4	10.4	10.7	10.5	9.5	9.1	10.1	9.1	8.7	8.3	8.3	7.2	8.6
17	6.4	5.3	5.0	8.4	7.7	8.4	8.0	7.7	8.5	9.4	8.8	8.3	8.7	6.6	5.9	5.0	3.7	2.8	2.0	2.9	2.3	3.4	3.5	4.1	5.8
18	5.1	5.8	6.3	5.8	5.6	3.7	4.5	3.0	1.8	1.8	1.8	3.1	3.8	4.1	4.2	4.1	3.9	3.4	3.9	4.8	4.2	4.7	4.9	4.6	4.1
19	4.5	5.3	5.3	6.7	7.8	7.3	6.7	6.0	6.4	4.4	1.9	3.8	4.6	4.7	4.5	4.8	4.0	3.8	4.1	3.0	2.5	2.1	3.6	4.4	4.7
20	4.8	5.4	5.4	5.6	4.7	8.3	8.5	7.6	6.6	7.6	6.7	7.6	7.6	7.0	7.2	5.7	3.8	2.5	2.7	4.1	4.1	3.0	1.7	11.1	5.8
21	7.6	3.4	6.7	6.3	6.3	6.3	6.9	6.4	6.6	8.7	8.7	9.5	10.1	10.2	9.1	6.6	6.6	9.2	9.6	10.2	9.5	9.4	9.2	8.9	8.2
22	9.2	8.6	8.3	8.6	8.2	8.2	8.2	8.2	7.0	7.5	6.9	8.5	8.9	8.4	7.8	8.4	8.0	7.8	8.2	8.2	7.8	7.8	6.8	6.3	8.0
23	5.3	4.2	2.5	3.4	3.5	3.7	2.5	2.2	1.8	1.3	2.1	2.5	5.[illegible]	6.1	6.9	6.9	7.4	7.3	4.4	6.1	6.4	5.7	5.3	6.7	4.6
24	11.6	12.9	12.6	12.5	9.9	7.5	6.9	9.1	11.7	13.9	14.2	15.0	14.3	13.2	12.1	11.3	10.3	9.6	9.6	8.9	8.0	7.7	7.2	7.0	10.7
25	6.8	6.5	6.7	6.9	7.3	7.5	7.4	7.6	7.4	8.3	7.8	8.0	7.9	7.6	7.3	7.0	6.3	5.4	5.3	5.6	5.5	4.6	3.4	2.1	6.5
26	2.8	3.7	3.8	4.6	4.1	3.8	3.9	3.8	3.0	3.6	3.6	3.5	4.0	3.8	2.7	2.6	2.5	2.1	2.2	2.1	3.6	3.7	3.8	3.0	3.3
27	2.5	2.3	2.6	3.4	1.7	2.5	6.4	7.8	8.5	7.8	7.0	5.8	4.0	4.2	6.0	5.9	4.5	2.7	2.0	2.1	1.8	1.0	2.8	4.9	4.2
28	3.2	5.7	9.1	9.4	10.6	10.4	10.5	8.7	5.3	2.8	1.6	1.6	2.2	3.6	5.3	5.7	5.9	5.8	6.3	5.7	5.5	4.9	4.7	3.9	5.8
29	3.1	2.5	2.2	3.4	4.2	3.9	3.2	2.6	1.8	8.2	8.8	9.5	9.2	11.5	12.6	11.7	12.0	10.7	7.6	9.5	7.3	7.5	6.7	7.8	7.0
30	6.8	5.4	5.5	5.7	7.6	9.2	8.7	9.2	9.2	9.4	7.7	8.2	9.6	9.3	8.6	8.3	7.4	7.4	7.4	7.4	7.4	7.9	7.2	7.5	7.8
AVG	4.6	4.6	4.9	5.3	5.3	5.4	5.5	5.5	5.5	5.9	5.8	6.1	6.5	6.7	6.8	6.4	6.1	5.7	5.4	5.4	5.1	4.7	4.5	4.9	5.6
STD	2.4	2.4	2.5	2.5	2.4	2.4	2.4	2.6	2.9	3.0	3.0	3.0	2.9	2.8	2.8	2.7	2.8	2.8	2.6	2.6	2.4	2.4	2.2	2.3	2.0
MAX	11.6	12.9	12.6	12.5	10.6	10.4	10.5	9.7	11.7	13.9	14.2	15.0	14.3	13.2	12.6	11.7	12.0	10.7	10.1	10.2	9.6	9.4	9.2	11.1	10.7
MIN	0.0	0.7	0.1	0.9	1.7	1.1	0.4	0.6	0.8	1.3	1.8	1.6	2.1	2.6	2.2	1.7	1.6	1.5	1.9	1.9	1.8	0.9	1.1	1.3	1.7

EL OBAYED,EGYPT MAY 1985 BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.8	6.4	8.6	7.2	7.7	7.8	7.2	6.8	7.4	8.0	8.3	8.4	8.3	8.7	8.6	9.4	9.1	9.2	8.8	8.3	7.7	7.0	7.2	7.9	7.9
2	7.9	8.6	8.6	8.5	8.9	8.4	8.0	7.9	7.0	6.9	6.1	5.5	5.3	5.8	4.9	5.8	5.9	5.8	5.1	4.9	4.6	4.1	3.9	3.7	6.3
3	4.0	3.8	2.6	1.8	2.5	2.0	2.0	1.2	0.7	1.9	2.7	3.1	3.1	3.6	3.5	3.0	2.9	2.6	2.8	2.1	2.5	2.1	3.5	2.9	2.6
4	3.6	2.9	2.9	2.6	2.9	2.7	2.8	4.7	4.5	4.4	2.3	5.6	8.0	6.1	7.2	6.2	7.4	6.4	2.8	5.4	5.8	4.6	4.8	3.8	4.8
5	3.7	7.9	7.8	8.7	9.2	9.5	6.8	6.0	6.1	2.5	2.3	4.0	3.7	3.5	2.5		6.3	4.9	3.8	3.5	4.6	4.5	5.8	6.0	5.2
6	6.4	8.6	9.8	9.5	9.8	9.4	8.0	8.5	11.8	13.3	13.4	13.3	10.6	9.5	8.6	4.7	4.4	5.5	2.0	5.4	7.7	7.2	7.3	6.4	8.4
7	8.6	5.7	10.4	7.0	10.6	2.5	10.2	8.9	9.9	9.4	8.7	8.4	8.2	8.3	8.3	8.0	6.0	7.3	6.9	5.7	5.5	6.1	6.0	5.9	7.9
8	6.1	6.0	6.1	6.1	5.1	5.1	4.6	4.0	2.9	2.5	2.2	2.1	2.6	2.3	3.2	2.6	3.0	3.1	2.5	2.6	2.1	2.2	3.2	3.1	3.6
9	3.8	3.4	3.5	4.1	3.9	3.9	3.5	4.0	4.0	5.0	4.7	5.0	5.4	5.8	6.0	8.9	8.7	8.9	6.5	6.2	10.8	8.0	7.9	6.1	5.9
10	5.7	2.8	2.1	2.6	3.1	10.6	12.0	13.3	12.0	10.7	12.2	11.8	12.3	14.9	14.3	12.5	9.7	8.8	9.2	8.8	7.2	6.6	6.1	5.4	9.0
11	5.3	6.0	6.3	6.8	6.1	6.1	7.6	8.0	8.0	9.2	10.1	9.8	9.2	8.9	8.3	8.0	7.5	7.2	6.8	6.8	5.7	4.7	4.9	3.2	7.1
12	3.1	3.1	4.0	3.7	2.5	3.4	2.7	3.6	3.9	4.6	5.4	6.3	6.5	6.5	6.4	6.4	5.9	5.4	4.9	4.6	3.7	3.0	3.0	3.0	4.4
13	2.5	2.8	2.5	2.6	3.2	2.5	2.5	3.1	3.6	4.1	3.4	4.2	5.6	6.4	6.0	6.0	5.0	4.2	3.8	3.2	2.1	2.3	1.7	1.1	3.5
14	1.0	2.2	2.5	2.1	1.2	1.2	1.0	1.0	2.0	2.7	3.5	4.8	5.0	4.6	4.6	4.1	2.6	2.0	1.5	0.6	1.3	1.9	1.6	1.8	2.4
15	0.7	0.9	0.3	1.7	1.2	1.0	1.8	2.5	2.2	2.5	2.9	3.4	3.5	3.9	3.0	2.2	1.6	2.0	2.5	2.5	2.3	3.8	3.6	3.1	2.3
16	1.5	2.9	5.0	5.8	4.0	2.3	2.9	2.6	1.6	1.2	2.3	5.1	5.4	4.8	5.0	5.3	5.5	3.2	2.9	2.5	3.2	3.4	2.6	3.0	3.5
17	3.4	3.5	4.6	4.1	4.4	4.2	5.0	5.5	5.5	4.6	5.7	6.0	3.7	2.7	2.3	3.0	5.3	6.7	4.9	4.9	5.4	5.5	5.7	3.9	4.6
18	5.7	4.2	4.0	3.8	3.5	4.0	3.5	4.6	5.7	7.4	7.9	6.4	6.1	6.4	7.7	6.9	5.4	4.4	3.0	3.2	2.1	1.3	1.6	0.8	4.6
19	2.3	1.6	1.9	1.6	1.2	1.0	2.9	2.2	2.2	2.6	2.7	2.8	2.6	2.3	2.6	2.2	1.8	2.3	2.6	3.1	2.9	1.1	1.6	2.0	2.2
20	1.7	1.5	1.1	1.3	2.2	2.2	2.5	2.7	2.3	2.0	2.6	2.8	3.7	3.7	3.9	2.3	1.9	0.8	0.2	0.7	1.5	2.3	2.7	2.5	2.1
21	2.2	2.6	2.6	2.5	3.2	3.1	2.3	2.2	5.5	5.1	7.0	8.3	8.4	8.5	10.8	9.6	6.3	5.9	6.1	5.6	7.0	7.2	5.8	7.8	5.7
22	6.9	13.0	12.2	10.4	11.0	11.8	15.6	15.1	8.3	7.8	6.1	6.3	5.5	6.9	6.5	6.8	5.9	6.6	5.7	5.6	6.1	4.0	4.9	5.9	8.2
23	5.5	7.7	8.4	6.2	8.6	9.1	8.2	7.4	7.6	8.3	9.5	9.6	9.6	10.2	6.6	6.6	8.0	6.0	7.8	7.9	7.7	6.0	4.5	5.3	7.9
24	5.0	5.0	5.0	5.5	5.0	4.4	5.6	5.9	6.0	6.7	7.0	6.6	5.7	6.4	6.0	5.6	5.1	3.8	2.8	1.6	1.6	2.1	2.2	2.7	4.7
25	2.0	2.5	2.1	1.5	0.6	0.6	0.2	0.4	3.0	2.8	2.9	3.4	3.7	3.1	2.9	2.3	2.0	2.2	2.9	3.4	3.1	3.1	3.4	4.5	2.4
26	4.7	4.2	3.9	3.0	2.6	2.3	2.3	3.0	4.0	3.9	4.6	5.7	6.3	5.6	6.0	7.8	7.6	5.8	6.9	9.1	7.0	5.9	5.5	6.5	5.2
27	6.9	7.2	8.0	8.9	7.8	6.7	8.5	10.4	10.4	10.3	9.5	9.6	10.8	11.0	11.4	12.7	14.3	11.7	8.9	6.6	5.6	5.3	4.6	4.6	8.6
28	5.8	6.7	7.0	7.5	6.9	7.2	8.5	9.7	10.8	11.0	10.6	11.1	12.7	11.3	10.4	10.5	9.5	9.3	6.5	8.2	7.2	5.8	4.9	5.4	8.6
29	5.5	6.0	5.9	5.6	5.1	5.7	6.3	7.2	9.4	9.5	9.4	8.5	7.9	7.8	8.2	7.2	6.4	5.9	5.7	4.7	4.5	4.2	5.0	3.4	6.5
30	4.4	4.7	4.6	5.3	4.8	4.9	3.6	5.3	6.0	4.8	5.7	6.4	5.9	6.0	6.1	5.5	4.7	3.4	2.3	1.2	0.7	0.1	0.3	1.7	4.1
31	1.1	1.8	1.6	1.7	3.0	1.7	1.6	0.2	1.5	2.3	3.4	4.9	3.6	3.1	3.5	3.0	2.6	3.2	3.1	3.6	3.7	3.2	3.5	3.7	2.7
AVG	4.3	4.8	5.1	5.0	5.0	5.1	5.3	5.6	5.8	5.8	6.1	6.5	6.4	6.5	6.5	6.2	5.9	5.4	4.7	4.7	4.6	4.2	4.2	4.1	5.3
STD	2.0	2.6	2.9	2.7	3.0	3.1	3.5	3.5	3.2	3.2	3.2	2.9	2.8	2.9	2.9	3.1	2.8	2.6	2.4	2.4	2.5	2.1	1.9	1.9	2.2
MAX	7.9	13.0	12.2	10.4	11.0	11.8	15.6	15.1	12.0	13.3	13.4	13.3	12.7	14.9	14.3	12.7	14.3	11.7	9.2	9.1	10.8	8.0	7.9	7.9	9.0
MIN	0.7	0.9	0.3	1.3	0.6	0.8	0.2	0.4	0.7	1.2	2.2	2.1	2.6	2.3	2.3	2.2	1.6	0.6	0.2	0.7	0.7	0.1	0.3	0.8	2.1

EL OBAYED,EGYPT JUNE 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.9	3.0	6.1	6.8	7.2	7.5	7.0	8.4	9.5	10.2	8.2	7.9	8.7	8.8	9.7	8.5	9.7	6.9	8.5	10.0	9.9	8.7	8.5	6.8	8.1
2	5.1	7.0	6.3	3.2	2.5	2.8	6.3	11.6	11.7	8.6	7.3	7.0	7.5	6.4	6.8	6.7	7.7	8.2	9.2	7.7	8.2	9.2	8.9	9.2	7.3
3	7.4	7.3	7.7	7.8	7.8	7.6	6.5	6.6	8.7	6.4	7.7	7.6	7.9	8.8	9.1	8.6	8.7	8.5	7.6	7.5	7.4	5.6	6.4	7.3	7.6
4	6.4	4.8	5.3	5.1	4.2	3.8	5.6	6.6	6.7	7.6	7.6	7.6	7.0	7.5	7.6	7.4	7.0	6.6	4.8	4.2	5.5	5.0	5.3	5.1	6.0
5	7.3	6.6	6.3	5.7	4.1	3.2	3.2	4.2	4.0	5.1	6.0	6.7	7.0	6.5		6.4	6.1	4.5	3.5	2.3	2.6	2.6	1.6	3.2	4.6
6	2.8	2.7	2.1	2.6	1.9	1.9	2.3	2.9	2.5	3.2	4.2	3.9	4.5	4.9	4.0	4.0	3.2	2.6	1.8	2.0	1.8	1.6	1.3	1.8	2.8
7	1.7	1.5	2.3	1.9	2.6	2.0	0.9	0.9	1.5	1.6	2.2	2.7	3.4	4.5	4.7	4.7	4.2	4.6	4.1	4.1	4.0	3.8	3.4	3.2	2.9
8	3.4	3.5	3.9	5.4	3.8	3.5	2.7	3.9	5.1	5.0	5.5	6.1	6.1	5.8	5.4	5.5	5.3	5.3	4.8	4.2	3.8	3.0	3.7	3.2	4.5
9	3.1	3.0	3.7	3.7	3.7	1.7	1.6	4.8	5.5	4.9	5.1	5.3	5.5	4.7	4.7	4.0	3.7	3.1	2.7	1.7	1.0	5.0	6.6	2.2	3.3
10	1.7	2.3	3.5	3.7	3.0	3.1	2.9	3.7	4.2	4.8	4.7	5.3	5.3	5.7	5.5	5.8	5.0	4.1	2.6	1.7	2.5	2.6	2.6	3.0	3.7
11	4.1	4.7	4.5	4.9	4.7	4.6	5.7	5.3	5.0	5.5	5.4	5.4	5.8	5.9	5.1	3.5	5.3	3.7	4.0	3.7	3.2	3.5	3.0	3.4	4.6
12	3.2	3.4	4.6	3.4	3.7	3.0	2.9	2.1	3.0	3.2	3.8	4.9	6.0	7.7	5.3	3.6	1.9	2.2	0.9	0.0	0.4	0.0	1.0	1.6	3.0
13	2.3	1.9	2.5	3.4	3.7	3.7	2.9	2.9	3.0	4.8	4.4	4.2	5.0	4.6	4.0	3.7	3.0	2.3	1.3	1.1	0.8	0.7	0.3	0.2	2.8
14	0.9	1.1	1.8	0.7	0.3	1.3	0.6	1.5	2.8	3.2	3.5	4.5	3.8	4.0	3.7	3.4	3.8	3.5	2.9	3.0	3.4	4.2	4.6	4.9	2.8
15	4.8	4.9	4.5	2.9	2.3	2.1	1.9	3.7	4.8	5.0	5.5	5.7	6.8	6.9	6.7	6.4	6.3	6.4	5.5	5.5	5.3	4.7	5.0	5.5	5.0
16	6.0	5.8	5.5	6.0	5.9	5.7	6.5	7.2	7.9	8.6	8.5	6.9	9.3	9.1	8.9	8.7	8.9	8.5	6.4	8.0	6.6	5.9	6.1	5.9	7.4
17	5.6	6.7	6.6	6.0	5.9	6.1	6.3	7.7	8.9	9.4	10.3	11.3	11.7	11.1	10.6	10.6	10.4	9.3	7.6	7.0	5.9	5.0	5.0	6.1	8.0
18	5.1	6.0	5.5	5.3	4.8	5.0	6.4	6.7	7.4	9.7	11.4	12.3	10.7	10.2	9.2	9.5	10.5	9.7	9.2	8.5	6.1	6.6	7.0	8.4	8.0
19	9.7	9.5	9.5	9.5	9.3	9.4	9.3	9.3	9.5	9.1	6.6	6.6	9.1	9.3	9.7	9.7	9.9	9.1	8.6	8.5	7.3	5.6	4.9	4.2	8.6
20	4.5	4.7	4.7	4.2	3.6	3.1	2.8	4.2	5.1	5.7	6.3	5.9	5.5	5.7	5.6	5.6	5.1	4.2	3.5	2.3	1.7	1.9	3.0	3.2	4.3
21	2.5	1.8	1.9	2.8	4.4	6.9	9.3	9.1	6.7	8.4	6.6	7.5	6.3	6.4	6.1	3.9	6.5	4.6	5.1	10.4	9.2	8.8	7.4	7.3	6.4
22	7.0	7.4	7.5	7.0	6.5	6.6	6.7	6.5	6.9	7.0	7.4	7.9	7.6	7.3	7.7	7.8	7.6	7.0	7.0	7.0	7.6	6.7	6.1	5.5	7.0
23	5.4	5.3	5.1	3.4	2.9	3.4	2.1	3.1	2.8	2.3	2.9	3.7	4.1	3.9	4.0	4.0	3.9	4.1	3.9	3.4	2.9	2.2	2.1	0.9	3.4
24	1.3	2.1	1.6	2.1	3.2	3.2	3.1	3.5	3.5	4.5	4.7	5.6	6.3	6.5	5.9	6.7	4.6	4.5	3.4	1.2	0.3	0.6	0.6	1.7	3.4
25	1.2	1.2	1.9	2.6	3.6	3.8	3.6	5.4	6.7	6.5	7.7	7.0	6.4	6.6	6.8	6.9	6.2	7.6	6.3	7.9	6.9	6.1	5.1	5.4	5.9
26	5.5	4.8	4.7	4.9	5.6	6.1	6.3	6.1	5.8	6.7	7.5	7.9	7.9	7.9	7.9	7.9	7.5	6.9	6.7	6.7	6.8	6.4	6.0	5.6	6.5
27	5.7	5.7	6.3	6.3	6.3	6.3	6.3	6.1	6.3	7.2	7.6	6.3	6.9	6.2	6.2	7.5	6.9	6.9	6.4	6.0	5.3	4.7	4.1	3.6	6.4
28	4.1	3.6	2.7	2.3	3.2	2.7	2.6	4.6	6.3	6.7	6.6	7.5	7.8	6.9	6.1	5.9	5.3	4.4	4.1	3.9	3.7	3.7	2.9	2.8	4.6
29	2.5	2.3	3.4	3.1	3.5	2.6	3.4	3.7	4.0	4.8	6.7	7.6	7.3	8.6	7.4	6.7	6.6	5.8	5.1	5.7	5.4	4.0	3.5	3.1	4.8
30	3.1	2.8	3.8	4.9	4.5	2.2	2.8	3.7	3.7	4.6	4.1	4.1	6.1	6.8	6.6	6.7	5.7	5.3	4.2	4.4	4.6	4.6	3.8	4.0	4.5
AVG	4.3	4.3	4.5	4.4	4.3	4.2	4.3	5.2	5.7	6.0	6.4	6.8	6.9	7.0	6.5	6.4	6.3	5.7	5.2	5.0	4.7	4.3	4.2	4.3	5.3
STD	2.1	2.1	1.9	1.9	1.8	2.0	2.3	2.4	2.4	2.2	2.1	2.1	1.9	1.6	2.3	2.1	2.3	2.2	2.4	2.8	2.6	2.5	2.3	2.2	1.8
MAX	9.7	9.5	9.5	9.5	9.3	9.4	9.3	11.6	11.7	10.2	11.4	12.3	11.7	11.1	10.6	10.6	10.5	9.7	9.2	10.8	9.9	9.2	8.9	9.2	8.6
MIN	0.9	1.1	1.8	0.7	0.3	1.3	0.8	0.9	1.5	1.6	2.2	2.7	3.4	3.9	3.7	3.4	1.9	2.2	0.9	0.0	0.3	0.0	0.3	0.2	2.8

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EL OBAYED,EGYPT JULY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.7	4.2	4.1	4.6	4.7	4.9	6.5	7.6	7.5	7.3	7.6	8.2	8.5	8.5	9.1	9.1	9.3	8.3	7.5	7.7	6.6	6.7	6.6	6.5	6.9
2	6.3	4.5	2.9	3.4	4.6	5.0	4.4	4.5	5.1	6.0	6.0	5.3	5.5	6.4	6.6	7.2	7.6	6.9	6.1	5.4	5.6	4.4	3.5	3.7	5.3
3	3.5	4.1	3.9	4.4	4.7	4.8	4.6	5.6	7.2	7.3	7.0	7.0	7.5	7.6	7.9	8.0	7.6	6.8	6.1	5.7	5.5	6.8	6.3	6.0	6.1
4	4.7	5.6	5.8	5.9	4.1	3.4	4.4	6.1	5.8	5.6	5.5	5.6	5.0	6.0	6.3	6.4	6.5	6.0	5.9	6.3	5.3	4.6	5.0	4.4	5.5
5	4.6	4.6	5.0	5.9	6.1	7.0	6.9	6.6	6.9	7.2	8.2	6.6	6.8	9.3	9.5	8.8	8.9	8.4	8.2	6.9	6.0	4.4	5.1	5.0	7.0
6	5.3	4.7	4.6	5.0	3.7	3.0	2.5	1.6	2.5	3.5	3.4	4.7	5.1	5.8	5.0	4.4	3.5	2.9	2.6	2.7	3.9	3.9	3.5	2.7	3.8
7	2.6	3.0	3.1	3.0	1.7	5.6	7.0	7.7	5.4	5.6	4.9	5.7	4.5	7.8	7.0	6.1	7.2	6.9	6.5	5.3	5.0	4.7	4.6	5.3	5.3
8	5.6	5.1	4.6	4.8	4.9	5.3	5.6	5.0	5.3	5.3	5.4	5.6	5.5	5.6	6.3	5.7	5.6	6.0	5.1	4.6	4.1	3.7	3.7	4.0	5.1
9	3.6	3.6	3.5	3.4	3.6	3.6	3.9	4.5	5.5	6.7	6.5	6.5	6.8	6.8	7.3	7.6	6.5	5.6	5.1	5.9	5.9	6.1	5.6	5.4	5.4
10	5.3	5.3	4.6	4.8	3.8	3.1	3.1	4.7	5.6	5.9	5.9	5.6		5.5	5.6	6.5	7.0	6.6	6.1	5.3	4.9	4.4	3.7	3.7	5.1
11	3.6	3.9	4.1	4.5	4.8	5.1	5.0	5.9	6.6	6.6	7.5	7.3	7.3	7.4	6.8	6.6	6.7	6.1	5.6	5.3	5.1	4.0	3.8	3.5	5.6
12	2.9	3.9	4.7	5.0	4.5	4.5	4.9	6.0	7.2	7.6	8.2	8.6	7.7	7.8	7.8	7.7	6.9	6.5	5.8	6.0	6.3	6.5	5.7	5.0	6.1
13	6.4	5.8	5.1	4.9	4.9	3.9	4.1	4.9	5.6	6.3	6.1	6.3	6.8	7.5	6.8	6.7	6.7	5.0	3.8	4.1	3.9	3.0	3.0	2.0	5.2
14	2.6	3.1	3.4	3.4	3.1	3.9	3.7	4.9	5.6	5.6	5.4	5.7	6.4	6.6	6.4	6.4	6.3	5.7	5.1	3.8	3.4	4.5	4.2	4.4	4.7
15	4.7	4.5	5.1	4.2	4.5	4.4	5.3	6.0	5.0	4.7	6.4	7.0	7.0	6.9	6.0	6.7	7.5	5.7	4.6	3.0	2.5	2.1	2.3	3.0	5.1
16	3.5	3.6	3.4	3.7	3.5	3.5	3.4	3.0	3.4	4.7	5.6	6.4	6.7	7.3	7.5	7.6	6.9	5.9	4.6	3.5	3.0	2.3	2.5	3.0	4.5
17	3.1	3.9	3.9	4.2	3.8	4.0	4.5	6.4	6.9	7.2	7.4	7.8	8.2	8.5	8.4	8.2	7.8	7.3	6.8	5.6	5.0	4.6	4.9	5.4	6.0
18	5.0	5.7	4.9	4.4	3.7	3.8	5.6	6.7	7.2	7.6	7.9	8.0	8.9	9.1	6.6	8.7	8.2	7.8	7.3	6.5	6.9	6.5	6.1	6.0	6.7
19	6.6	5.7	6.8	6.3	6.9	5.5	6.9	6.9	7.3	8.9	7.5	8.0	7.6	7.8	7.4	7.3	7.7	7.6	7.4	6.5	6.5	6.1	5.1	4.4	6.6
20	3.8	3.9	4.1	4.2	5.5	5.8	5.6	6.6	7.7	8.3	8.0	8.0	7.7	6.4	8.8	6.3	7.6	6.7	5.4	6.0	6.1	6.0	5.6	4.7	6.4
21	3.9	4.1	5.0	5.9	6.0	5.6	5.4	6.1	7.5	7.0	7.4	7.6	7.8	7.5	7.6	6.6	6.5	6.4	5.7	5.6	5.4	5.6	5.1	5.0	6.1
22	4.4	4.2	4.6	4.6	4.6	4.0	3.6	3.4	3.8	3.4	3.2	3.6	4.0	4.6	5.3	5.3	4.7	4.6	3.9	3.5	2.9	3.[illegible]	3.1	3.6	4.0
23	4.2	4.4	4.5	4.5	4.7	4.8	5.0	6.4	7.4	7.3	7.5	6.6	7.5	7.8	7.7	8.4	7.8	7.4	6.9	7.0	6.7	5.4	5.0	5.3	6.2
24	5.1	5.5	5.9	5.4	5.6	4.6	4.0	4.7	5.6	6.1	5.9	6.5	6.4	6.5	6.4	5.9	5.0	5.1	5.0	5.3	6.7	7.0	8.2	7.2	5.9
25	6.3	6.0	5.6	5.6	5.6	4.1	3.7	4.6	5.3	5.7	6.3	6.8	6.5	6.3	6.3	6.4	6.0	6.7	5.6	5.4	5.0	4.5	4.7	4.9	5.6
26	5.0	4.6	4.2	4.2	3.6	4.0	4.0	5.6	6.4	6.8	7.6	7.5	7.7	7.6	7.9	6.4	6.1	5.9	5.5	5.0	5.1	4.9	5.3	5.7	5.7
27	4.7	4.8	4.5	4.5	3.2	3.5	4.4	5.0	6.7	7.2	7.0	7.0	7.5	7.8	7.4	6.6	6.4	6.4	6.6	7.2	6.6	7.0	6.5	5.7	6.0
28	5.3	4.9	4.7	4.8	4.6	4.5	4.4	4.8	5.1	5.5	5.5	5.5	6.4	6.8	6.6	6.3	6.4	5.5	5.0	4.4	4.5	4.5	4.1	4.8	5.2
29	4.1	4.6	3.6	4.0	3.9	3.2	3.9	4.0	5.0	5.9	6.4	6.6	6.6	6.6	6.3	6.3	5.0	4.0	2.8	2.5	1.6	0.3	0.4	2.7	4.2
30	2.7	3.0	3.5	3.9	4.0	4.2	4.6	5.5	5.6	5.9	6.9	7.5	7.4	7.4	7.6	7.0	7.0	6.0	5.6	4.7	4.4	3.5	4.0	4.1	5.3
31	4.4	5.0	4.6	4.2	4.0	5.0	5.3	5.9	5.7	5.9	6.8	6.7	6.5	5.8	6.0	5.8	5.3	4.9	4.9	3.7	3.1	3.2	3.9	4.0	5.0
AVG	4.4	4.5	4.5	4.6	4.4	4.4	4.7	5.4	5.9	6.3	6.5	6.7	6.9	7.1	7.2	7.0	6.7	6.2	5.6	5.2	5.0	4.7	4.6	4.6	5.5
STD	1.1	0.6	0.9	0.6	1.0	0.9	1.1	1.3	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.2	0.6
MAX	6.8	6.6	6.8	8.3	6.9	7.0	7.0	7.7	7.7	8.3	8.2	8.6	8.9	9.3	9.5	9.1	9.3	8.4	8.2	7.7	6.9	7.0	8.2	7.2	7.0
MIN	2.6	3.0	2.9	3.0	1.7	3.0	2.5	1.6	2.5	3.4	3.2	3.6	4.0	4.6	5.0	4.4	3.5	2.9	2.6	2.5	1.6	0.3	0.4	2.0	3.8

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EL OBAYED,EGYPT AUGUST 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.8	4.7	4.8	4.9	5.7	5.1	5.3	5.0	6.0	7.2	7.4	7.9	8.0	8.0	7.5	6.0	7.8	7.9	7.3	6.0	5.8	6.1	5.6	5.3	6.3
2	4.9	5.6	5.3	5.4	4.7	4.5	4.6	6.3	6.9	6.7	7.0	7.4	7.3	7.2	7.5	7.5	7.3	6.3	5.1	4.8	4.0	4.0	3.1	3.0	5.7
3	4.4	5.4	5.5	5.9	5.3	5.1	5.7	6.5	7.5	9.6	8.4	8.3	6.5	8.5	8.0	10.2	9.6	7.9	6.9	9.1	6.8	8.5	7.9	7.8	7.6
4	9.2	10.4	9.6	8.7	7.6	7.3	6.3	6.3	6.6	8.3	6.7	9.4	10.7	10.6	10.2	9.9	9.3	8.6	8.4	6.4	7.5	6.9	6.8	7.2	8.5
5	6.5	6.8	7.2	6.5	6.6	6.1	6.4	6.3	6.6	7.0	7.0	6.0	8.5	6.5	9.1	6.9	8.5	7.9	6.9	5.9	5.4	4.8	4.0	3.4	6.6
6	3.6	3.1	2.1	2.6	2.5	3.7	3.4	3.0	3.8	4.9	5.1	6.0	6.6	6.3	6.1	5.9	5.0	4.1	3.6	2.6	2.0	1.9	1.9	3.4	3.9
7	2.6	0.2	1.6	1.5	0.2	0.3	0.3	0.4	2.8	2.9	2.7	3.7	4.2	4.6	4.0	4.2	3.8	3.6	3.0	3.2	2.5	1.5	1.8	1.9	2.4
8	1.9	2.9	2.9	3.5	4.2	3.6	3.5	4.8	6.4	7.6	7.7	7.7	8.3	8.8	9.3	9.4	9.7	9.7	9.8	9.6	9.3	9.2	6.9	9.1	7.0
9	8.3	7.9	7.5	7.5	7.0	5.3	4.2	5.3	5.0	5.1	5.4	5.6	6.3	6.9	7.0	7.3	7.5	7.9	7.8	8.6	7.6	7.7	7.5	5.9	6.8
10	5.7	5.4	6.0	6.4	6.4	6.4	6.0	6.7	6.7	6.6	6.4	6.4	6.3	6.5	6.6	6.9	7.2	6.4	5.9	5.5	5.6	5.1	5.5	6.0	6.2
11	5.8	5.4	5.4	4.1	3.1	3.1	3.7	4.2	6.3	6.9	7.2	7.6	7.7	7.7	7.9	7.7	6.8	6.3	5.4	4.5	3.5	3.0	2.7	3.1	5.4
12	2.8	2.9	2.7	3.4	3.6	3.9	3.4	3.4	3.6	4.4	5.3	5.1	5.4	5.8	5.9	6.0	5.8	5.4	4.6	3.6	3.4	2.2	0.8	1.2	3.9
13	2.0	2.1	2.2	2.7	3.5	3.8	3.6	3.7	4.0	4.0	4.2	4.1	3.8	5.3	6.3	5.9	5.8	6.1	5.1	4.0	3.1	2.6	2.1	0.8	3.8
14	0.0	1.8	1.6	2.1	3.1	3.9	3.9	3.7	4.1	5.1	5.9	6.8	7.3	7.5	7.4	6.6	6.1	5.7	5.4	4.4	4.0	3.0	1.7	2.5	4.3
15	3.6	4.1	4.9	4.5	4.5	4.2	4.4	4.8	5.9	6.3	7.5	7.0	6.9	7.6	6.9	6.5	6.5	6.5	6.4	5.3	4.5	2.9	2.7	1.8	5.2
16	2.7	3.7	4.2	4.0	2.8	2.9	3.6	3.4	3.8	4.1	4.7	6.5	6.9	6.9	6.8	5.9	3.6	3.2	3.2	3.6	3.4	3.5	3.5	3.8	4.2
17	3.2	3.6	3.5	3.6	3.8	3.8	2.9	2.5	2.5	3.4	3.7	4.6	4.7	5.7	6.7	7.0	7.4	7.4	7.4	6.6	5.0	4.4	3.2	3.6	4.6
18	3.6	3.2	3.4	3.8	3.5	3.5	3.8	2.9	4.5	4.7	5.4	6.1	6.6	6.5	6.5	6.4	5.9	5.3	4.1	3.6	3.1	3.1	2.8	2.8	4.4
19	2.5	2.8	2.8	2.8	3.5	3.7	2.8	5.4	5.1	5.4	5.0	5.1	5.5	5.9	8.6	6.4	8.3	6.1	8.1	6.4	6.0	5.4	4.8	4.0	4.8
20	4.0	4.4	6.5	6.3	6.4	8.1	4.7	5.8	6.7	6.9	8.2	8.8	9.6	9.3	8.7	6.7	8.5	8.0	6.0	7.6	6.6	6.1	4.9	4.8	6.9
21	4.5	4.9	5.0	5.1	5.5	5.5	6.0	6.7	7.3	7.2	7.3	7.9	6.0	8.4	6.7	8.5	8.8	6.6	7.5	7.4	7.0	6.7	5.6	5.3	6.8
22	5.0	5.0	4.8	4.7	4.8	5.6	5.5	6.8	7.4	6.3	5.7	6.4	7.6	7.3	7.6	7.7	7.6	7.5	7.4	7.2	6.9	6.5	6.1	6.0	6.4
23	6.0	6.1	6.0	5.6	5.1	4.8	4.7	4.6	4.4	4.0	3.6	3.9	3.9	4.2	3.9	4.5	4.6	4.2	4.0	3.9	3.8	3.9	3.8	3.6	4.5
24	4.0	2.9	3.1	3.2	3.8	3.5	3.1	2.7	2.6	2.8	2.6	2.9	3.2	4.2	4.5	4.8	5.0	4.6	4.1	3.7	3.1	3.1	1.7	1.6	3.4
25	2.2	2.2	2.5	2.6	2.9	2.6	2.5	3.7	4.5	5.1	5.7	6.0	7.3	8.6	8.7	8.0	7.6	7.6	7.6	6.6	6.3	6.3	6.1	6.0	5.4
26	8.4	6.7	6.8	8.4	6.1	4.5	3.1	5.6	5.9	7.0	8.2	8.5	8.6	8.6	8.7	8.6	7.9	7.7	7.9	7.8	7.4	7.7	7.3	7.6	7.1
27	7.2	7.4	7.4	7.8	6.5	7.9	5.8	5.6	8.5	9.1	9.5	9.5	10.5	10.3	10.1	9.8	9.7	9.6	8.9	8.5	8.9	8.7	8.5	9.6	6.6
28	8.9	8.9	8.9	9.6	9.5	9.4	9.4	9.9	9.7	9.8	9.5	9.7	9.4	9.6	9.5	9.2	6.8	8.8	9.3	9.1	9.1	8.9	8.5	8.5	9.3
29	8.2	8.6	8.2	8.2	7.7	7.4	7.5	7.5	7.5	8.0	7.8	8.6	8.5	8.3	7.9	8.2	8.4	7.9	7.5	7.2	6.9	5.4	4.8	4.6	7.5
30	4.9	4.9	4.5	2.8	3.6	3.5	3.7	3.7	4.7	5.4	5.9	6.0	6.0	6.6	7.0	7.0	6.3	6.8	5.8	4.8	4.6	4.0	3.1	3.5	4.9
31	3.2	2.2	2.8	3.6	3.6	4.1	4.0	4.0	5.8	6.5	6.9	7.7	7.6	7.8	7.8	7.9	7.6	7.6	7.5	7.0	6.6	6.6	6.8	5.4	5.8
AVG	4.6	4.7	4.8	4.8	4.7	4.7	4.4	4.0	5.6	6.1	6.3	6.7	7.1	7.3	7.4	7.4	7.1	6.8	6.5	6.0	5.5	5.2	4.6	4.0	5.8
STD	2.2	2.3	2.2	2.0	1.9	1.8	1.7	1.8	1.7	1.8	1.8	1.7	1.8	1.6	1.5	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.3	2.3	1.6
MAX	9.2	10.4	9.8	9.6	9.5	9.4	9.4	9.9	9.7	9.8	9.5	9.7	10.7	10.6	10.2	10.2	9.7	9.7	9.8	9.6	9.3	9.2	8.9	9.6	9.3
MIN	0.0	0.2	1.6	1.5	0.2	0.3	0.3	0.4	2.5	2.8	2.6	2.9	3.2	4.2	3.9	4.2	3.6	3.2	3.0	2.6	2.0	1.5	0.8	0.8	2.4

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EL OBAYED,EGYPT SEPTEMBER 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.9	5.9	5.8	6.0	4.7	4.1	4.5	5.1	6.5	8.2	7.3	7.8	8.2	8.8	8.6	7.8	7.0	6.6	6.1	5.5	4.9	4.7	4.9	5.1	6.3
2	4.4	3.8	3.6	3.5	2.9	3.5	3.7	4.0	5.5	6.4	6.5	6.5	6.7	6.6	6.7	6.8	6.4	5.8	4.2	4.1	3.7	3.6	3.2	3.6	4.8
3	3.2	3.9	3.6	2.9	3.1	2.7	3.5	3.1	3.4	4.4	5.1	5.5	6.3	6.7	6.8	6.5	6.5	6.1	5.4	4.0	3.7	3.4	2.9	3.4	4.4
4	3.7	3.7	3.7	4.5	4.1	4.1	3.7	4.2	5.8	6.3	7.8	8.0	8.5	8.2	7.0	6.7	6.5	6.5	5.6	5.6	4.4	3.6	4.0	4.0	5.4
5	4.4	4.7	5.1	5.4	5.4	5.1	4.7	5.6	7.5	8.6	6.0	9.4	9.7	9.2	9.2	8.9	9.2	6.7	8.2	7.5	7.6	6.6	6.0	5.0	7.1
6	4.6	4.5	4.4	4.1	4.2	4.0	3.6	5.0	5.6	5.6	6.0	6.5	6.6	6.9	5.9	5.4	5.6	4.0	3.1	2.5	2.2	1.9	1.6	1.9	4.4
7	2.5	2.5	2.2	2.6	2.7	2.5	3.6	2.6	3.2	4.1	4.4	5.0	5.5	5.9	6.5	6.3	6.4	6.3	6.3	5.5	5.3	4.7	4.4	4.5	4.4
8	4.2	4.1	2.6	2.7	2.3	2.5	3.1	2.7	3.7	4.8	4.9	4.5	5.1	5.6	5.8	5.9	6.3	6.3	6.1	6.3	6.6	5.9	5.1	4.9	4.7
9	4.5	4.9	5.0	5.0	5.3	5.5	5.6	5.4	6.0	5.6	5.7	6.6	6.4	6.1	6.1	6.0	5.7	5.0	5.3	4.6	3.7	2.8	1.3	0.6	4.9
10	2.1	2.5	2.7	2.2	2.7	2.6	2.0	3.6	4.4	4.9	5.9	6.6	7.6	7.5	6.6	6.0	5.6	4.6	4.1	3.5	3.5	3.0	3.1	3.5	4.2
11	3.7	3.4	1.5	2.5	2.8	2.9	3.7	3.9	4.7	6.1	7.3	6.8	6.6	6.4	5.3	5.8	5.7	5.4	5.3	5.1	5.1	4.8	5.0	5.4	4.8
12	6.0	6.5	8.1	6.6	6.5	5.4	4.9	7.0	6.3	6.5	7.0	7.4	7.2	7.0	7.4	7.2	5.9	5.9	5.3	4.0	4.2	4.5	3.6	3.5	5.9
13	4.9	5.0	4.5	4.5	3.7	4.0	4.7	5.3	4.9	5.0	5.8	5.9	6.6	6.8	6.4	6.0	6.1	5.6	5.6	4.6	4.0	4.7	5.0	4.7	5.2
14	4.9	4.5	4.5	4.9	5.4	4.6	4.5	4.5	4.4	5.6	5.8	6.0	5.9	6.7	7.0	7.0	6.3	6.1	5.3	5.3	4.9	4.6	4.2	4.0	5.3
15	3.7	3.1	2.8	3.0	3.6	4.1	4.1	3.7	4.1	4.6	5.1	4.9	5.1	5.5	5.6	5.4	5.5	4.7	4.1	3.9	4.0	3.9	4.4	3.8	4.3
16	3.1	2.0	2.0	2.3	2.9	4.1	4.1	3.6	3.6	2.6	3.2	3.9	4.5	4.9	4.7	4.9	4.5	4.2	3.8	3.6	3.2	3.2	3.2	3.2	3.6
17	2.0	1.7	2.1	2.2	2.7	2.2	2.0	2.1	0.4	1.5	2.9	3.7	4.4	5.1	5.4	5.1	4.8	4.7	4.4	3.8	5.0	5.3	5.4	5.4	3.5
18	5.7	5.7	5.4	4.6	4.5	4.7	5.1	5.1	5.3	5.8	6.4	6.5	6.5	6.1	6.7	7.4	7.5	7.7	7.0	6.8	6.7	6.1	6.4	5.5	6.1
19	6.0	6.0	6.3	6.1	5.6	6.7	6.7	7.2	7.6	7.3	6.3	6.3	6.5	6.8	7.2	7.4	7.6	6.9	6.0	5.9	5.0	5.5	5.0	4.9	6.4
20	4.8	4.8	4.9	5.0	5.3	5.4	5.5	5.6	5.6	5.1	5.7	5.7	6.3	6.4	5.7	6.1	5.5	5.4	5.5	5.5	5.6	5.1	5.1	5.0	5.4
21	4.8	4.8	4.7	4.6	4.7	4.4	4.0	3.8	3.7	4.0	4.8	5.0	5.5	5.6	4.8	5.0	4.8	4.7	3.8	3.2	3.8	3.8	4.5	4.0	4.4
22	3.8	3.2	3.0	3.2	2.8	3.0	2.8	3.0	3.0	3.0	2.9	2.8	3.1	4.0	3.8	3.7	3.5	3.6	3.1	3.0	3.0	2.[illegible]	2.3	2.7	3.1
23	1.2	1.7	1.8	2.0	2.0	2.5	2.6	1.9	1.3	1.2	3.0	4.4	5.9	6.6	6.0	6.0	4.4	3.0	2.6	2.0	2.0	1.9	3.5	3.1	3.0
24	2.8	2.9	2.9	2.1	2.0	3.0	4.1	4.2	4.7	4.0	4.4	4.6	4.4	3.0	4.4	5.1	5.7	6.1	6.0	5.3	5.3	3.0	3.8	4.6	4.2
25	4.6	3.7	2.2	1.3	3.5	3.7	3.9	3.6	3.0	5.4	5.6	5.5	5.4	5.1	5.7	6.0	5.3	4.9	4.6	4.1	3.8	3.7	2.9	2.5	4.2
26	2.9	3.2	3.6	4.2	3.5	3.6	3.9	3.5	2.9	2.3	3.5	4.6	5.0	5.7	6.5	6.6	5.9	5.3	4.6	4.1	3.7	2.8	2.5	2.3	4.0
27	2.1	2.0	3.0	3.2	3.4	2.7	3.1	3.0	3.1	3.0	3.4	4.5	5.4	6.4	6.7	7.2	7.2	6.7	5.8	4.7	3.6	3.2	2.7	1.9	4.1
28	2.2	2.2	3.0	3.0	3.6	2.0	1.9	2.2	2.0	3.0	2.7	2.9	3.0	3.9	4.5	3.8	3.5	3.8	4.6	5.0	6.4	5.9	5.5	5.0	3.5
29	4.7	2.9	3.8	5.8	4.6	4.0	3.8	3.9	4.6	5.7	5.4	6.4	7.4	6.9	6.5	6.1	5.5	4.5	4.9	5.3	4.2	5.4	4.1	3.2	5.0
30	3.6	4.2	4.7	4.7	4.8	5.0	4.7	4.5	3.6	3.7	3.5	3.5	3.4	4.2	4.1	4.2	4.0	3.4	3.4	3.2	3.0	4.1	3.8	3.9	4.0
AVG	3.9	3.6	3.7	3.8	3.8	3.8	3.9	4.1	4.4	4.8	5.2	5.6	6.0	6.2	6.1	6.1	5.8	5.4	5.0	4.6	4.4	4.2	4.0	3.9	4.7
STD	1.3	1.3	1.3	1.4	1.2	1.1	1.1	1.3	1.6	1.8	1.6	1.5	1.5	1.3	1.2	1.1	1.2	1.3	1.2	1.2	1.3	1.2	1.2	1.2	1.0
MAX	6.0	6.5	6.3	6.8	6.5	6.7	6.7	7.2	7.6	8.8	8.8	9.4	9.7	9.2	9.2	8.9	9.2	8.7	8.2	7.5	7.6	6.8	6.4	5.5	7.1
MIN	1.2	1.7	1.5	1.3	2.0	2.0	1.9	1.9	0.4	1.3	2.7	2.8	3.0	3.8	3.8	3.7	3.5	3.0	2.6	2.0	2.0	1.9	1.3	0.6	3.0

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EL OBAYED,EGYPT OCTOBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.9	3.1	2.8	3.2	2.7	2.3	2.6	3.1	2.9	4.5	5.3	5.4	8.3	8.4	7.8	6.7	6.1	5.3	4.9	4.6	4.9	4.9	4.1	4.5	4.4
2	5.3	5.1	5.4	5.9	6.6	6.7	3.5	6.1	6.5	6.3	6.1	6.1	5.9	6.3	6.8	5.9	5.5	5.9	6.3	6.5	6.3	6.8	5.7	5.8	6.0
3	4.9	4.9	4.8	5.1	5.6	5.3	5.1	5.1	4.6	4.6	4.2	4.1	4.8	4.2	4.5	4.4	4.5	4.4	5.8	5.3	4.6	4.4	4.4	3.8	4.6
4	1.9	2.7	3.9	4.4	4.8	4.5	5.6	4.8	4.4	4.8	3.7	4.5	5.5	6.1	6.4	5.5	4.4	3.9	3.4	2.9	2.1	1.2	2.2	2.1	3.9
5	2.3	2.3	2.9	3.6	3.6	3.8	4.5	4.1	4.2	2.2	1.1	2.6	3.7	4.2	4.6	4.8	3.4	2.9	2.5	2.7	1.2	1.9	1.9	2.2	3.0
6	2.5	2.3	2.8	3.2	4.1	4.1	4.5	4.7	4.5	2.7	0.9	3.1	4.4	5.1	5.5	4.7	4.0	3.5	3.2	2.6	2.8	1.1	2.5	2.9	3.3
7	3.6	4.1	4.5	4.6	5.4	5.5	5.5	5.6	4.7	4.8	4.2	5.4	6.6	6.6	6.1	5.7	5.4	4.1	3.6	2.6	3.2	4.2	4.1	4.4	4.8
8	5.4	6.8	6.7	6.7	7.5	7.8	7.7	7.7	8.7	8.6	8.6	9.6	10.6	11.6	11.8	10.2	8.5	6.9	6.8	4.6	3.4	3.6	4.7	4.9	7.4
9	5.9	6.8	5.3	5.5	5.5	6.4	6.6	0.1	5.3	5.6	5.2	7.8	7.8	6.6	7.6	7.7	6.8	5.9	4.5	4.5	4.2	3.6	2.1	2.2	5.7
10	2.8	2.6	2.7	3.5	2.8	3.4	4.5	4.8	4.2	5.7	6.8	6.6	7.2	7.2	7.8	8.4	8.6	7.8	7.6	7.4	7.6	7.7	8.7	8.4	6.8
11	6.7	8.6	7.9	7.9	7.6	7.8	7.9	7.8	7.4	7.3	8.8	8.5	8.2	8.8	8.4	8.2	8.2	8.4	8.6	8.4	8.6	8.7	8.8	8.6	8.2
12	8.4	8.7	8.3	7.7	7.8	6.7	7.8	6.9	6.1	5.7	5.7	6.1	6.6	7.8	8.8	6.4	6.4	6.5	6.1	6.8	5.9	5.1	5.1	5.5	6.6
13	6.8	5.5	4.9	4.7	4.4	4.1	3.4	3.7	4.5	5.3	4.8	5.5	5.1	6.3	5.8	5.6	5.5	4.8	4.9	4.7	4.8	3.7	3.7	3.5	4.8
14	3.8	1.7	2.5	2.5	2.9	3.8	3.4	3.8	3.0	1.1	1.6	2.3		3.5	3.2	3.2	3.8	2.3	2.2	3.8	3.6	4.1	4.[illegible]	5.1	3.8
15	4.9	4.1	4.8	5.6	8.2	8.9	9.5	9.7	10.2	10.5	10.2	9.4	8.3	7.6	7.7	6.9	5.4	5.6	6.1	5.8	4.9	5.6	5.4	4.4	7.1
16	4.8	3.9	2.8	3.6	3.5	4.8	5.0	4.7	4.9	5.4	6.8	7.4	8.0	8.0	7.7	7.8	6.1	4.7	2.7	2.7	2.2	2.9	3.8	4.4	4.9
17	5.1	6.5	7.3	7.4	6.3	7.8	6.5	7.6	8.8	10.2	9.3	9.6	9.8	11.0	9.6	8.8	8.3	6.9	4.6	3.7	6.7	7.3	7.7	6.4	7.6
18	4.1	5.8	5.5	6.9	9.3	8.4	7.5	8.0	7.5	8.7	8.8	9.5	6.8	8.8	7.8	4.9	6.7	8.6	5.9	7.2	5.4	6.6	7.7	9.3	7.8
19	11.1	9.2	7.7	8.8	7.5	7.3	7.5	6.9	8.6	6.5	8.2	8.9	10.2	10.1	9.9	9.5	9.2	8.7	7.5	6.3	5.5	5.7	6.1	5.8	7.9
20	6.8	5.5	4.8	5.3	6.8	5.6	6.8	6.4	5.1	5.4	5.5	6.1	6.4	6.3	5.7	5.4	4.6	3.5	2.5	2.8	2.3	3.8	3.1	2.7	4.8
21	2.9	2.3	1.8	2.1	2.7	2.3	2.5	2.1	2.6	3.1	3.1	3.5	3.7	3.8	3.8	3.9	3.8	4.8	4.7	[illegible]	5.7	6.7	6.4	6.3	3.7
22	8.7	8.3	6.5	6.1	6.4	6.8	5.9	5.9	5.5	5.8	4.5	4.4	5.3	5.9	5.4	6.3	3.9	8.9	6.5	6.[illegible]	8.3	6.8	5.1	5.4	5.9
23	5.4	4.8	5.8	5.9	5.8	5.4	5.8	4.9	5.1	5.8	4.4	4.9	5.8	6.8	4.9	5.1	5.8	5.1	5.6	6.4	5.8	6.8	5.7	5.9	5.3
24	5.8	5.3	5.3	4.5	3.9	3.8	3.8	3.5	3.2	3.1	3.4	3.6	3.7	4.4	5.8	5.1	5.4	4.9	5.1	4.8	4.8	4.2	[illegible].7	3.8	4.3
25	3.2	3.6	3.8	2.7	1.5	1.9	1.9	1.8	2.9	2.9	2.6	3.4	4.1	4.5	5.5	6.8	6.4	6.5	6.5	6.1	5.5	6.7	6.6	6.6	4.3
26	6.6	6.5	7.8	7.4	7.6	8.8	7.8	7.6	8.8	7.8	7.3	7.6	7.[illegible]	7.7	8.3	8.8	7.8	8.2	8.6	8.5	7.8	7.7	7.5	7.7	7.7
27	7.3	7.4	8.9	6.8	6.8	6.9	6.9	6.4	7.8	6.7	5.4	6.3	6.8	6.1	5.8	5.5	4.8	4.9	4.4	4.2	3.4	3.9	3.8	3.7	5.8
28	3.8	3.2	4.2	4.6	4.1	4.2	4.5	2.7	2.3	3.7	3.4	3.6	3.9	4.5	4.4	4.2	4.8	4.5	5.4	5.6	5.8	5.7	5.6	4.7	4.3
29	4.7	5.6	5.8	5.4	5.7	5.8	4.4	3.2	4.7	5.8	4.1	4.2	4.7	5.1	5.4	5.8	5.7	6.8	6.3	5.9	5.9	5.1	5.3	5.4	5.2
30	5.8	4.9	4.2	5.8	5.1	4.7	5.3	5.1	4.2	3.5	3.8	4.2	4.8	5.6	6.5	6.3	5.9	5.1	5.6	5.9	6.8	6.1	5.5	4.8	5.1
31	3.8	3.1	4.8	3.7	3.9	4.6	4.9	5.7	5.8	5.4	4.9	4.8	4.2	4.0	5.8	5.5	5.8	5.3	4.9	5.5	5.9	6.8	5.7	5.3	4.9
AVG	5.8	4.9	4.9	5.1	5.3	5.3	5.5	5.4	5.4	5.3	5.2	5.8	6.1	6.5	6.4	6.2	5.9	5.5	5.2	5.1	4.9	5.8	5.1	5.8	5.4
STD	2.8	1.9	1.8	1.6	1.9	1.9	1.8	1.9	2.8	2.2	2.3	2.2	2.8	2.8	1.8	1.8	1.6	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.4
MAX	11.1	9.2	8.3	7.9	9.3	8.9	9.5	9.7	10.2	10.5	10.2	9.6	10.6	11.6	11.8	10.2	9.2	8.7	8.6	8.5	6.8	8.7	8.6	9.3	8.2
MIN	1.9	1.7	1.8	2.1	1.5	1.9	1.9	1.8	2.3	1.1	0.9	2.3	3.7	3.5	3.2	3.2	3.8	2.3	2.2	2.8	1.2	1.1	1.9	2.8	3.8

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EL DBAYED,EGYPT NOVEMBER 1965 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.6	4.9	4.2	4.1	4.2	4.5	4.1	4.4	4.0	4.2	4.4	4.6	5.4	5.4	5.4	5.3	5.0	4.6	4.1	3.9	3.8	4.0	3.8	3.5	4.4
2	2.8	2.2	2.2	2.0	1.9	2.5	3.5	3.1	3.2	3.6	3.5	3.1	3.5	3.8	3.8	3.8	3.1	1.8	1.0	0.9	2.2	2.7	2.6	2.7	2.7
3	3.6	4.0	3.9	4.0	4.6	5.8	6.1	6.3	5.9	5.3	4.0	3.7	4.8	4.0	2.8	1.8	1.6	1.6	3.2	2.9	3.1	1.9	3.5	5.6	4.0
4	5.7	5.9	6.5	6.3	6.6	6.8	7.0	7.2	6.3	6.1	5.6	4.6	3.6	2.8	2.1	1.9	1.9	1.6	2.1	4.0	3.4	2.2	2.6	3.0	4.4
5	8.5	7.0	6.5	6.8	7.2	7.4	6.7	6.4	6.5	8.6	6.4	5.6	3.9	2.6	3.6	2.9	2.3	2.7	3.2	2.6	2.6	4.4	6.6	6.6	5.1
6	6.1	5.5	5.9	6.4	5.9	6.6	6.1	6.0	4.9	5.4	4.4	3.8	3.4	3.2	3.7	3.0	2.7	2.0	0.7	0.7	3.7	3.9	3.1	4.5	4.2
7	7.6	8.0	6.6	10.3	11.0	11.3	9.7	9.9	9.9	9.3	9.5	9.2	8.2	7.8	6.1	5.9	5.7	3.6	0.6	1.0	1.3	2.0	3.4	4.5	6.8
8	3.5	1.7	1.8	2.3	4.2	5.6	5.5	5.9	6.1	6.9	7.2	6.5	6.6	6.5	6.1	2.3	6.5	7.2	7.8	6.8	8.3	7.7	7.6	5.6	5.7
9	4.2	3.2	3.4	3.6	5.0	4.1	4.4	5.0	5.6	6.9	6.1	6.1	5.3	5.0	7.3	8.0	6.4	5.7	6.5	6.4	8.5	6.4	4.2	3.9	5.5
10	4.1	4.1	4.1	4.6	5.0	5.6	7.4	5.1	4.2	5.6	7.2	6.1	5.1	4.8	5.4	5.3	4.2	3.9	3.8	5.4	4.8	4.7	4.1	3.5	4.9
11	2.6	3.8	4.1	2.8	2.1	2.2	3.7	2.9	3.6	3.4	4.1	4.2	4.0	4.6	4.1	3.8	3.7	3.9	3.6	3.5	4.0	3.6	1.9	2.5	3.4
12	2.6	1.7	2.9	3.6	3.7	2.9	2.6	2.5	2.7	1.7	0.6	2.1	2.6	3.0	2.7	2.0	1.8	1.7	2.2	2.5	0.9	1.6	1.9	1.6	2.3
13	1.7	2.0	2.7	2.9	2.6	1.9	2.1	2.3	1.7	1.6	2.6	3.4	3.4	3.4	3.6	3.6	4.0	3.6	3.4	3.5	3.6	3.6	3.4	1.8	2.9
14	1.7	1.9	1.7	2.1	2.7	2.0	2.5	1.9	1.2	0.2		2.9	3.2	3.7	4.1	4.0	4.4	4.5	4.6	4.6	4.6	3.1	3.7	3.6	3.0
15	2.6	3.2	3.5	3.7	4.2	4.1	4.0	4.0	4.1	4.5	4.1	4.0	4.5	5.5	5.8	5.9	5.7	5.3	5.1	4.6	4.7	4.1	4.2	4.1	4.4
16	4.4	4.5	4.9	4.9	5.3	4.6	5.1	4.7	4.6	4.5	5.3	5.6	5.6	5.4	5.5	5.9	6.6	5.9	6.6	6.6	6.4	6.5	7.4	6.7	5.6
17	6.3	7.4	7.5	8.3	8.7	8.6	6.5	6.2	7.3	6.6	6.5	7.3	7.0	6.4	6.4	5.6	5.6	5.6	5.6	5.9	6.1	6.4	5.0	5.1	6.8
18	5.5	5.3	4.8	4.4	4.5	4.0	4.0	4.4	4.0	3.4	3.4	3.1	3.1	4.1	4.1	4.6	4.5	4.1	4.5	4.7	4.4	4.4	4.6	4.7	4.2
19	4.6	4.7	4.1	2.6	1.0	1.9	2.3	2.3	2.3	3.1	3.0	3.4	3.0	3.5	3.6	3.9	3.2	3.0	3.4	3.5	3.5	3.1	2.6	1.0	3.0
20	0.0	0.6	1.7	2.1	1.8	1.6	1.7	1.6	2.2	2.6	3.6	2.7	2.9	3.7	3.6	3.5	2.7	2.5	2.8	3.0	0.9	1.5	2.5	3.5	2.3
21	3.4	2.5	2.2	2.5	2.1	2.1	2.5	2.0	1.5	1.7	2.1	2.7	2.7	2.9	2.9	2.6	2.2	2.3	1.6	0.4	1.6	1.3	2.0	1.9	2.2
22	2.0	2.0	1.6	2.5	2.2	2.6	2.3	2.6	3.1	2.6	1.3	1.0	1.6	2.5	3.1	3.6	3.4	3.4	3.1	2.7	2.6	2.7	2.9	1.2	2.4
23	1.6	2.3	2.0	1.9	2.0	2.1	2.0	2.1	0.6	1.5	2.7	3.1	4.2	5.1	5.4	5.3	5.3	5.6	4.6	3.0	3.6	3.6	4.0	3.9	3.2
24	4.7	4.5	4.5	5.3	5.6	5.0	5.9	6.6	6.2	9.9	10.6	10.4	10.4	10.3	9.6	8.8	7.2	5.5	4.6	5.0	6.6	9.6	9.9	8.9	7.4
25	11.1	9.1	6.9	7.9	9.5	9.6	9.9	10.5	11.0	10.5	10.6	11.6	11.2	11.5	11.7	10.1	6.4	5.7	5.6	6.0	6.3	6.5	6.6	7.0	9.0
26	7.7	6.4	6.4	7.6	6.9	5.6	5.1	6.6	6.4	6.0	6.1	6.5	6.9	5.7	5.1	4.6	3.4	2.0	0.0	2.0	2.6	2.6	6.6	6.7	5.3
27	6.5	6.6	5.6	5.3	4.0	2.6	4.7	3.7	6.5	9.6	9.8	11.0	10.1	9.2	7.4	4.7	3.7	4.2	3.7	3.9	3.5	2.1	2.2	3.6	5.7
28	3.9	2.9	4.7	7.6	9.7	9.5	8.4	7.9	7.2	6.6	6.1	3.7	3.2	2.6	2.6	3.4	4.2	3.5	2.6	2.9	1.7	1.1	2.6	3.1	4.7
29	2.1	3.5	6.0	8.3	9.7	8.9	9.9	10.1	10.3	9.2	8.5	8.3	11.3	10.4	7.2	7.2	7.7	9.4	9.3	8.6	9.7	9.3	10.6	10.2	8.6
30	10.1	10.6	10.1	10.1	11.3	10.5	9.8	10.3	7.6	7.5	6.2	7.9	7.4	7.4	6.9	7.2	7.3	8.6	9.4	6.9	7.6	7.7	7.5	7.6	8.6
AVG	4.5	4.4	4.5	4.9	5.2	5.1	5.3	5.2	5.2	5.2	5.4	5.3	5.3	5.2	5.1	4.7	4.5	4.2	4.0	4.0	4.2	4.2	4.4	4.4	4.8
STD	2.5	2.4	2.1	2.5	2.9	2.9	2.8	2.7	2.7	2.7	2.7	2.7	2.6	2.5	2.1	2.0	1.8	2.0	2.3	2.1	2.3	2.3	2.4	2.2	1.9
MAX	11.1	10.6	10.1	10.3	11.3	11.3	9.9	10.5	11.0	10.5	10.6	11.6	11.3	11.5	11.7	10.1	8.4	9.4	9.4	6.9	9.7	9.6	10.6	10.2	9.0
MIN	0.0	0.0	1.7	1.9	1.0	1.0	1.7	1.6	0.6	0.2	0.8	1.0	1.0	2.5	2.1	1.0	1.0	1.6	0.0	0.4	0.9	1.1	0.9	1.0	2.2

M3.

EL OBAYED,EGYPT DECEMBER 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.2	8.7	9.2	9.1	8.9	8.4	7.2	7.4	6.9	6.8	7.2	7.6	7.5	6.8	7.5	7.6	6.7	6.5	6.6	6.4	5.9	5.3	4.1	5.7	7.1
2	7.9	7.9	7.8	8.2	7.9	7.8	8.8	8.5	8.0	9.1	8.9	8.7	8.4	8.[illegible]	8.6	8.0	7.6	7.2	7.5	7.5	7.8	7.4	6.6	6.9	7.9
3	7.7	7.5	7.6	7.0	7.2	6.4	7.0	6.9	6.6	6.1	5.7	5.8	6.1	6.3	6.9	6.7	6.6	6.0	5.0	4.8	5.6	5.9	6.0	6.4	6.4
4	6.3	6.7	7.0	6.6	6.7	6.8	6.9	6.8	5.5	5.0	5.4	5.4	4.9	5.3	4.7	4.0	3.8	3.2	2.8	2.2	2.5	1.7	1.3	0.8	4.7
5	1.5	0.8	1.6	2.1	1.8	1.3	1.5	2.3	1.1	1.2	1.2	1.7	2.0	2.6	2.9	2.8	2.9	2.7	2.9	3.2	3.0	2.7	3.0	2.1	2.1
6	1.9	2.2	1.6	1.9	1.8	1.7	1.9	1.7	3.0	3.0	2.8	2.5	2.3	1.9	1.9	2.2	3.0	2.9	3.6	3.7	3.9	4.0	4.5	4.4	2.7
7	4.5	5.0	4.9	4.2	3.8	4.6	2.9	3.4	4.2	3.8	3.6	4.1	3.6	3.5	3.7	3.6	4.0	5.5	5.6	4.4	3.9	5.4	5.4	5.7	4.3
8	5.7	6.0	5.1	4.1	4.5	4.6	3.7	5.3	5.0	5.6	5.8	5.0	4.7	4.9	5.6	5.5	6.4	6.4	6.5	6.7	5.9	5.0	3.1	1.5	5.1
9	1.7	1.7	2.0	2.0	1.7	2.0	2.1	2.0	2.3	0.6	0.6	2.7	3.1	3.2	2.2	2.3	2.7	2.3	2.1	3.1	3.2	2.8	2.7	1.7	2.2
10	1.3	2.0	2.3	2.2	2.3	2.2	2.6	2.9	3.1	2.7	0.6	0.2	1.0	2.2	5.7	2.5	1.2	0.9	1.6	1.7	2.1	2.2	2.5	2.1	2.1
11	2.6	2.9	2.7	2.9	2.6	2.6	2.5	2.6	1.3	0.9	2.1	3.1	3.1	4.4	4.9	5.3	4.7	4.2	4.2	5.0	5.7	6.0	3.0	3.6	3.5
12	3.2	4.1	4.0	4.6	4.5	4.8	4.9	5.5	5.9	6.0	6.7	7.3	7.0	6.9	7.0	7.8	7.8	7.3	7.2	5.8	5.3	4.7	5.5	5.3	5.8
13	3.1	3.6	3.4	1.7	1.1	4.2	1.7	1.3	1.8	3.4	4.6	5.9	5.8	5.0	5.7	5.4	4.5	3.2	2.7	3.1	3.1	3.4	2.7	2.0	3.4
14	2.7	4.1	3.7	4.6	5.1	5.1	4.8	4.8	5.3	4.2	4.2	4.7	5.4	5.6	5.6	4.7	3.7	2.1	2.1	2.3	2.5	2.6	2 1	1.7	3.9
15	3.0	3.2	2.5	2.3	2.7	3.6	3.2	3.6	3.7	2.7	2.2	3.0	2.8	3.0	3.2	2.8	2.7	4.4	4.1	4.0	3.1	2.9	2.8	1.2	3.0
16	2.0	1.7	1.8	2.8	1.8	1.2	1.6	0.4	2.0	1.1	4.0	4.4	4.1	4.2	3.9	4.2	5.0	4.7	4.6	4.9	5.9	3.9	4.6	4.0	3.2
17	5.0	4.2	8.0	7.7	8.2	6.7	9.0	9.8	10.1	10.3	9.2	8.5	10.3	10.2	8.4	8.2	7 4	7.3	9.3	9.4	10.4	11.0	10.6	11.2	8.9
18	10.6	10.8	10.3	11.3	11.7	10.8	10.7	9.7	9.7	10.4	8.6	7.9	7.3	7.7	7.7	7.3	7.4	7.6	7.0	6.9	5.3	5.1	5.7	5.6	6.5
19	5.5	5.7	6.3	6.1	6.8	6.5	6.8	6.8	6.3	4.8	4.9	3.4	5.5	5.5	5.1	4.5	4.4	2.9	2.8	2.1	1.9	2.5	2.7	4.0	4.9
20	3.9	4.0	3.8	4.9	5.3	6.1	6.3	5.6	6.3	6.9	7.0	6.8	5.9	5.8	6.5	5.8	6.0	4.7	4.7	5.3	6.1	6.3	6.5	6.6	5.7
21	6.0	6.5	6.5	7.6	8.4	8.5	8.2	7.7	7.6	7.7	7.8	6.7	6.6	9.3	8.8	9.5	9.1	8.9	8.6	8.5	6.6	5.0	5.9	5.8	7.6
22	4.7	3.8	3.5	5.3	5.7	4.8	6.3	7.4	4.4	5.6	5.9	8.3	7.2	3.5	5.1	5.4	5.7	5.3	4.8	6.5	4.7	6.6	6.3	6.6	5.5
23	5.9	6.7	7.0	7.7	7.9	7.6	7.6	8.7	8.4	9.4	9.1	9.1	9.4	9.8	10.2	9.4	7.2	5.1	5.5	5.6	6.4	7.4	6.8	6.6	7 7
24	6.1	7.2	7.5	7.2	6.0	7.2	6.6	7.5	7.3	7.3	7.7	7.9	7.3	7.0	7.3	7.0	5.9	4.4	5.0	6.1	6.1	6.6	[illegible].3	6.9	6.8
25	4.0	6.1	6.7	5.6	5.6	5.7	6.1	7.0	7.4	7.3	5.3	7.4	8.2	7.4	9.1	7.9	5.0	5.6	5.4	7.2	3.7	4.5	4.1	3.0	6.1
26	3.9	4.2	5.0	5.1	6.0	6.6	7.3	7.6	6.6	7.2	7.6	7.5	7.4	7.8	7.7	6.9	5.7	4.5	4.5	5.0	5.6	5.7	6.1	6.4	6.2
27	6.5	7.4	7.0	7.0	7.2	6.7	6.5	7.0	7.6	6.7	6.6	7 3	7.4	7.2	7.4	6.7	4.7	3.6	4.4	5.1	5.6	6.6	7.5	8.0	6.6
28	8.6	8.8	8.3	8.4	7.9	7.9	7.5	7.0	7.4	6.3	5.8	6.8	6.9	7.0	6.1	5.0	3.0	2.5	2.5	3.2	3.7	2.7	3.2	2.9	5.8
29	3.0	3.9	3.9	4.9	4.7	4.0	4.0	4.6	4.2	3.5	2.7	0.9	1.9	1.8	1.5	2.0	2.5	2.3	2.2	2.5	2.0	1.6	1.3	3.0	2.9
30	4.5	4.1	2.8	5.3	4.9	5.3	5.3	5.8	5.3	5.4	5.1	6.4	6.9	5.8	7.0	5.5	5.8	5.0	4.4	5.0	4.4	3.5	3.6	4.4	5.1
31	4.5	4.7	4.5	3.6	3.6	2.3	3.6	2.3	2.1	2.0	3.4	3.6	3.0	1.9	1.7	0.6	6.0	1.6	0.8	2.9	3.1	3.6	1.7	1.0	2.6
AVG	4.7	5.0	5.1	5.3	5.4	5.4	5.3	5.5	5.4	5.3	5.2	5.6	5.6	5.6	5.8	5.4	4.9	4.6	4.5	4.9	4.7	4.7	4.5	4.4	5.1
STD	2.3	2.3	2.4	2.4	2.6	2.4	2.5	2.6	2.4	2.7	2.4	2.4	2.3	2.4	2.3	2.3	2.1	2.0	2.0	1.9	1.9	2.0	2.1	2.4	2.0
MAX	10.8	10.8	10.3	11.3	11.7	10.6	10.7	9.8	10.1	10.4	9.2	9.1	10.3	10.2	10.2	9.5	9.1	8.9	9.3	9.4	10.4	11.0	10.6	11.2	8.9
MIN	1.3	0.8	1.6	1.7	1.1	1.2	1.5	0.4	1.1	0.6	0.6	0.2	1.0	1.0	1.5	0.6	0.0	0.9	0.6	1.7	1.9	1.6	1.3	0.8	2.1

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EL OBAYED,EGYPT JANUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	1.9	2.1	2.5	2.7	2.6	2.5	4.1	3.4	5.1	6.8	6.6	9.1	8.3	8.6	8.3	7.5	7.6	7.3	7.5	6.9	8.4	7.5	7.0	6.3	6.6
2	6.0	6.0	6.7	7.3	7.9	7.3	9.4	7.3	7.0	7.2	9.2	10.6	10.4	11.6	11.4	11.8	9.7	7.7	7.0	6.5	6.4	7.4	8.6	9.1	8.3
3	7.6	8.7	8.0	7.9	7.5	6.6	6.7	6.9	6.5	6.7	5.9	6.5	6.5	7.0	6.9	5.6	4.4	3.2	2.5	2.1	2.6	2.6	2.8	3.9	5.7
4	3.2	2.9	3.4	4.6	4.8	6.6	5.5	5.3	5.1	4.7	4.0	3.2	2.9	1.2	2.2	3.4	3.2	3.1	3.0	3.7	2.9	2.6	3.2	3.8	3.7
5	4.2	4.6	4.6	4.1	3.7	3.2	3.7	3.4	1.7	2.0	3.5	3.2	2.1	1.9	3.1	2.9	3.4	3.0	3.0	2.7	3.6	2.9	2.3	2.3	3.1
6	3.1	2.5	3.5	4.0	4.6	5.1	5.7	5.1	5.0	5.0	4.6	4.4	5.5	4.7	7.2	7.2	7.9	6.3	6.2	7.0	7.2	5.7	6.4	7.4	5.6
7	7.4	6.7	6.0	5.7	6.4	6.4	6.3	6.0	6.1	7.2	8.6	8.2	8.0	6.9	6.0	6.0	5.6	3.9	4.2	5.4	6.7	6.7	7.6	7.6	6.5
8	7.5	7.7	7.4	7.6	7.0	7.6	7.0	6.0	8.0	8.8	6.7	8.3	6.4	8.7	7.9	7.8	6.6	5.4	4.7	4.5	5.3	5.1	4.2	5.3	7.8
9	5.3	5.3	6.0	5.4	5.6	6.0	5.7	6.5	6.5	6.4	5.4	5.8	5.1	4.5	4.4	4.7	4.0	3.1	3.6	4.2	4.5	5.0	5.4	6.4	5.2
10	6.1	5.7	5.5	6.7	5.8	7.9	9.6	9.5	9.6	8.6	9.9	9.3	8.5	6.9	5.9	6.5	6.6	4.2	3.7	3.7	4.5	6.0	7.3	7.2	6.9
11	7.6	8.3	8.6	7.9	7.9	7.6	8.0	8.0	7.6	6.9	8.4	9.3	8.7	9.2	8.9	8.8	7.4	5.0	3.7	4.7	5.4	6.7	7.8	8.8	7.5
12	8.2	8.2	8.4	8.0	7.6	7.5	5.9	8.3	6.3	6.5	5.4	5.6	6.6	9.2	8.6	8.9	7.0	5.5	4.2	4.1	5.1	5.1	5.6	6.4	6.7
13	6.1	6.4	6.7	6.5	8.5	8.6	6.9	7.6	7.5	8.3	8.4	8.7	8.9	7.9	7.2	7.0	6.5	3.6	2.0	2.5	3.5	4.4	5.1	6.3	6.6
14	6.5	7.0	6.9	5.4	5.3	6.5	7.5	8.7	6.3	8.4	8.9	9.4	8.6	9.6	10.3	9.9	9.2	7.0	5.0	4.6	5.0	5.9	6.1	7.5	7.4
15	7.7	8.0	7.3	9.7	10.1	9.3	9.9	9.5	8.0	6.7	7.7	7.9	8.5	9.6	9.4	8.6	6.7	4.5	3.6	3.8	5.9	6.8	6.5	6.5	7.6
16	7.5	8.3	9.1	8.5	7.8	6.7	9.3	9.2	8.9	9.1	9.9	9.6	9.9	9.1	8.8	6.6	7.7	5.1	4.5	4.8	5.6	6.6	7.2	6.2	8.0
17	8.0	6.2	8.6	8.9	9.7	9.6	10.1	9.5	10.5	11.2	11.5	10.4	10.4	10.1	10.5	9.5	8.8	6.0	4.6	4.5	5.0	4.1	4.0	4.8	8.3
18	4.9	5.3	5.9	5.3	6.1	4.9	5.1	5.6	5.6	5.5	6.6	4.7	6.6	4.6	7.4	8.3	8.9	8.6	7.0	6.6	8.6	9.2	10.2	10.7	8.6
19	11.4	11.8	12.0	11.5	10.5	10.5	9.1	9.4	10.1	10.4	7.7	10.2	9.7	9.1	9.6	9.2	9.4	10.2	10.1	10.3	9.5	10.1	9.4	8.9	10.0
20	9.3	6.6	9.5	9.2	8.7	8.0	7.7	6.7	6.7	6.4	5.6	4.7	4.9	4.7	4.6	5.6	4.1	2.6	2.0	3.5	4.5	3.7	3.6	3.2	5.7
21	3.1	2.3	2.9	3.7	5.6	4.0	4.5	4.5	4.7	4.5	4.6	5.4	6.3	6.7	7.2	6.8	7.7	7.0	6.6	5.8	4.6	4.0	3.6	3.0	5.0
22	3.0	3.0	3.1	3.8	4.4	4.1	4.1	4.4	3.7	3.6	3.5	3.0	3.5	3.6	3.6	5.6	7.4	5.7	2.3	1.3	2.9	6.6	2.2	6.6	3.5
23	3.4	8.0	7.9	6.7	3.9	2.5	1.9	2.1	6.6	6.7	6.7	4.1	4.2	4.0	3.6	4.5	5.7	3.9	5.7	6.7	6.6	6.5	5.4	5.6	4.4
24	5.0	4.0	3.9	4.1	4.6	4.4	5.1	3.4	2.0	1.1	2.6	4.0	4.4	4.0	4.6	4.6	5.0	4.9	5.1	4.6	4.5	3.6	3.6	3.2	4.1
25	2.0	2.6	3.1	4.2	3.6	4.6	4.2	4.7	4.5	3.7	4.2	4.0	4.2	4.0	3.9	3.5	3.6	2.0	0.6	1.7	1.9	3.1	2.3	2.0	3.3
26	2.6	4.6	3.1	2.3	1.3	3.6	4.9	4.6	5.4	4.8	4.9	4.8	4.6	5.6	5.3	4.6	4.6	4.1	4.4	3.5	2.3	2.2	2.2	2.3	3.9
27	2.6	2.3	2.3	3.1	3.6	2.6	2.0	2.7	2.9	2.0	4.0	4.0	3.7	3.5	3.4	3.1	3.5	3.5	2.5	1.6	1.8	1.9	1.7	1.6	2.8
28	2.2	2.0	2.1	2.8	3.7	3.6	2.6	4.5	5.3	6.1	7.0	6.9	6.4	5.7	5.6	5.5	5.1	4.1	4.2	5.3	5.9	6.5	6.6	5.7	4.8
29	6.0	6.5	5.9	6.4	7.2	6.5	7.3	6.0	8.7	6.0	7.5	7.2	7.7	7.2	6.0	7.2	6.6	5.5	3.9	3.4	4.0	3.7	4.0	4.5	6.2
30	4.0	4.6	4.5	4.5	4.7	5.5	4.6	5.5	5.6	4.7	4.6	4.0	2.6	3.1	3.7	3.7	3.2	3.4	3.7	4.4	4.1	4.6	5.0	4.9	4.3
31	4.0	4.5	4.1	3.7	3.6	3.0	4.7	4.6	4.2	5.6	5.9	4.8	4.0	3.2	4.6	6.7	7.5	7.3	6.6	3.9	3.7	4.0	3.9	4.6	4.7
AVG	5.4	5.7	5.8	5.9	6.0	6.0	6.1	6.2	6.1	6.1	6.3	6.5	6.5	6.4	6.5	6.6	6.3	5.1	4.6	4.5	4.9	5.0	5.2	5.4	5.6
STD	2.4	2.5	2.5	2.3	2.2	2.2	2.3	2.2	2.4	2.5	2.4	2.4	2.4	2.6	2.4	2.2	2.6	2.0	2.0	2.0	1.9	2.1	2.2	2.4	1.6
MAX	11.4	11.8	12.0	11.5	10.5	10.5	10.1	9.5	10.5	11.2	11.5	10.6	10.4	11.6	11.4	11.8	9.7	10.2	10.1	10.3	9.5	10.1	10.2	10.7	10.0
MIN	1.9	2.0	2.1	2.3	1.3	2.5	1.0	2.1	0.6	0.7	0.7	3.6	2.1	1.2	2.2	2.9	3.6	2.0	0.6	1.3	1.6	0.6	1.7	0.6	2.6

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EL OBAYED,EGYPT FEBRUARY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.7	4.9	5.0	4.6	4.8	4.9	5.6	5.9	6.8	8.2	9.8	9.2	9.7	9.4	8.6	7.8	6.9	5.9	5.8	4.6	3.6	4.2	4.9	5.8	6.3
2	5.5	5.5	4.8	5.6	4.8	5.9	7.6	6.0	6.9	9.6	11.0	12.2	13.1	12.6	12.6	13.1	11.5	13.3	13.7	13.3	12.0	11.1	11.4	9.7	9.7
3	8.8	7.2	7.0	8.8	10.6	11.0	10.2	9.2	8.3	8.6	8.4	7.9	7.7	7.8	8.0	7.3	6.9	6.1	5.4	5.3	4.1	3.4	2.6	2.1	7.2
4	2.8	2.5	3.1	3.6	3.0	3.5	3.2	3.1	6.9	2.5	4.1	5.5	6.4	6.6	5.7	5.8	3.8	3.6	4.7	5.4	3.6	4.4	7.9	13.2	4.6
5	4.9	2.0	2.6	4.6	7.5	6.9	6.6	6.5	9.2	9.7	11.2	11.7	11.4	10.2	9.2	6.5	7.4	5.6	5.6	5.6	5.7	3.1	3.5	3.0	6.9
6	4.4	3.5	2.6	4.1	3.5	5.7	5.0	4.4	4.2	3.9	4.7	4.9	5.5	5.4	4.9	4.1	3.2	2.5	1.6	0.8	0.2	1.6	2.2	2.2	3.6
7	2.3	3.2	2.1	2.5	2.6	4.0	4.6	4.9	5.3	5.0	6.0	7.2	6.4	5.0	4.7	5.1	5.6	4.9	3.5	3.8	4.6	3.9	4.2	4.9	4.4
8	5.0	4.9	6.6	11.0	11.0	12.2	12.5	14.5	14.5	14.1	12.2	11.7	11.2	9.3	8.3	9.6	10.1	7.9	5.6	3.6	5.4	5.4	5.4	6.6	9.1
9	8.5	6.5	8.8	8.2	8.2	7.5	7.8	6.7	6.8	8.7	6.4	7.8	7.6	7.6	7.9	6.3		7.0	3.9	4.8	6.1	9.5	10.2	10.1	7.9
10	11.3	11.6	11.7	12.4	11.3	10.5	10.7	11.5	11.7	11.5	12.3	13.0	16.5	9.3	7.9	6.7	4.6	3.5	3.1	3.6	3.6	2.8	2.0	2.6	8.3
11	1.9	2.3	2.1	2.1	2.3	2.3	1.9	1.3	3.2	4.8	5.6	5.8	3.9	3.4	3.6	6.7	7.5	6.5	5.0	4.6	5.0	4.8	6.3	6.3	4.1
12	6.0	5.8	6.3	5.9	7.5	10.4	10.6	10.4	16.5	10.8	11.1	10.1	7.5	7.2	6.8	6.6	7.3	6.6	6.6	7.6	7.9	5.7	5.1	5.6	7.7
13	6.0	5.6	5.1	4.5	3.9	4.9	5.8	5.4	5.5	6.5	8.2	10.1	11.8	13.3	13.3	12.0	10.1	10.6	8.8	6.6	6.0	6.6	7.3	7.8	7.7
14	8.5	6.7	8.8	8.6	9.2	9.8	9.3	9.7	10.2	9.4	9.8	10.7	10.7	10.4	10.1	11.6	11.1	11.1	10.1	9.9	10.4	9.7	6.5	5.6	9.6
15	5.3	5.3	5.3	5.4	6.0	5.9	6.4	6.1	5.7	5.5	5.8	5.1	5.3	5.5	4.8	4.9	4.2	3.0	1.2	0.1	1.6	3.0	4.0	3.9	4.6
16	3.0	2.8	6.3	6.7	7.2	6.1	4.4	3.5	6.7	6.1	8.7	10.5	9.4	8.3	8.3	7.6	5.7	4.6	4.6	4.9	3.6	4.2	3.5	2.5	5.6
17	3.5	3.1	2.3	0.9	2.8	7.7	10.7	9.7	7.8	6.4	10.7	9.9	9.7	9.4	9.3	9.3	6.8	7.4	6.9	6.6	6.6	5.5	3.9	4.6	8.9
18	4.7	3.6	3.5	4.7	4.2	3.2	2.6	2.9	3.6	3.2	0.9	1.7	2.5	3.0	4.1	4.6	4.6	4.9	5.0	3.2	3.0	4.1	4.1	5.3	3.6
19	5.3	5.6	5.1	5.4	5.7	6.5	6.5	6.1	5.8	7.9	9.3	8.2	7.8	8.7	5.8	5.1	5.8	5.1	3.7	2.6	1.9	3.1	3.9	4.6	5.6
20	5.4	4.8	4.6	9.6	6.0	3.9	3.2	4.6	4.9	5.5	7.4	6.6	7.5	7.5	7.4	7.6	8.7	5.0	4.7	4.5	4.6	4.1	2.9	3.2	5.6
21	3.4	3.1	3.2	3.4	2.5	2.2	2.9	2.5	3.5	1.5	2.3	2.2	2.7	3.5	3.8	3.2	2.9	2.7	1.9	2.2	2.3	1.9	2.5	3.1	2.7
22	3.9	3.6	4.5	4.9	4.7	4.0	3.2	5.3	5.0	5.0	3.8	2.0	3.0	3.4	4.7	5.5	5.0	6.1	4.0	3.4	3.2	3.2	3.9	4.9	4.2
23	4.8	5.3	5.3	5.1	4.6	3.4	8.3	6.2	7.4	7.4	7.4	8.5	10.2	8.7	7.6	8.0	9.4	9.8	9.4	8.5	7.0	8.5	8.3	8.3	7.4
24	8.2	7.0	7.8	8.3	8.9	10.4	9.8	8.0	7.4	8.3	9.4	9.4	9.5	8.8	8.7	8.5	7.7	7.4	6.1	5.6	5.4	3.2	3.4	3.8	7.6
25	3.4	4.0	4.1	4.4	4.4	4.8	5.4	5.0	5.0	4.1	1.9	1.7	3.4	3.2	2.9	2.5	1.9	2.0	2.5	3.2	3.1	2.5	3.7	3.8	3.5
26	3.8	2.8	1.3	0.6	1.5	2.1	1.2	1.8	1.0	1.6	4.8	5.3	2.9	4.0	4.1	4.1	3.4	3.0	3.1	2.7	1.6	1.8	3.5	4.4	2.8
27	3.8	2.9	1.8	1.6	5.7	6.0	6.3	6.6	4.4	4.0	4.9	5.3	5.1	4.8	5.6	5.9	4.5	5.3	6.7	7.9	7.9	8.2	7.9	7.6	5.4
28	7.3	7.9	7.6	7.0	7.4	7.4	6.7	7.0	6.8	6.1	6.7	6.6	7.6	7.0	7.8	7.6	7.7	7.2	7.3	7.2	6.6	6.3	6.3	5.7	7.1
AVG	5.2	4.9	5.0	5.5	5.6	6.2	6.4	6.5	6.5	6.7	7.4	7.5	7.5	7.2	7.1	7.0	6.5	6.0	5.4	5.1	4.9	4.6	5.1	5.4	6.1
STD	2.2	2.3	2.4	2.9	2.7	2.6	3.0	3.1	3.0	3.0	3.1	3.2	3.0	2.6	2.5	2.5	2.5	2.7	2.7	2.7	2.6	2.5	2.4	2.6	2.0
MAX	11.3	11.6	11.7	12.4	11.3	12.2	12.5	14.5	14.5	14.1	12.3	13.0	13.1	13.3	13.3	13.1	11.5	13.3	13.7	13.3	12.0	11.1	11.4	13.2	9.7
MIN	1.9	2.0	1.3	0.0	1.5	2.1	1.2	1.3	0.9	1.5	0.9	1.7	2.5	3.0	2.9	2.5	1.9	2.0	1.2	0.1	0.2	1.6	2.0	2.1	2.7

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EL OBAYED,EGYPT MARCH 1988 10M AGL BHV DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	5.9	5.8	5.8	6.8	5.3	5.0	5.5	5.1	4.5	4.0	4.0	4.1	3.8	4.0	4.2	4.8	4.8	5.0	5.0	5.7	5.8	5.9	5.3	5.3	5.1
2	5.3	4.8	4.6	4.5	4.1	3.4	3.4	2.8	4.1	4.1	4.0	5.6	4.9	4.1	4.2	5.3	5.9	6.0	5.8	3.9	3.1	3.4	2.9	2.6	4.3
3	5.0	3.7	2.7	1.8	1.8	1.9	3.0	1.8	1.2	3.6	8.3	5.9	5.4	6.7	7.6	8.5	8.6	7.6	7.0	8.3	9.6	10.5	6.8	6.3	5.5
4	4.8	6.0	5.8	5.6	5.8	6.4	5.8	6.3	6.3	7.0	7.9	7.7	6.8	7.4	6.5	5.6	4.8	3.8	3.5	3.7	3.2	2.8	3.0	3.2	5.4
5	4.2	4.0	3.9	3.6	3.8	3.9	2.7	3.9	3.7	3.5	2.1	2.8	3.7	3.1	3.8	3.9	3.1	1.9	2.7	2.7	2.8	2.8	2.5	2.6	3.2
6	2.5	0.8	1.9	3.0	3.6	3.2	3.6	3.1	5.0	6.0	6.3	6.5	7.6	7.9	7.0	6.0	5.8	5.4	4.2	2.9	3.6	4.5	4.2	4.5	4.5
7	5.1	5.4	5.1	4.8	4.7	3.9	4.4	3.8	5.1	7.9	9.4	9.9	9.6	9.2	8.9	10.1	10.6	11.8	10.8	10.7	10.4	10.4	9.1	6.4	7.9
8	7.5	7.2	8.6	10.2	8.9	10.8	10.6	9.7	10.1	8.0	7.2	7.0	6.8	5.9	4.1	2.7	1.6	2.8	5.4	6.0	6.5	5.6	5.7	6.1	6.8
9	5.3	5.6	5.0	5.0	4.7	4.6	4.0	4.5	7.0	6.8	7.8	7.2	8.0	8.0	8.5	6.3	7.7	7.0	6.3	6.7	5.9	4.1	2.9	2.6	6.1
10	2.3	2.7	3.5	3.7	3.5	3.1	3.6	3.4	3.0	2.6	3.0	4.7	5.1	5.5	5.0	4.0	3.6	3.2	3.4	3.1	2.7	2.7	2.3	1.2	3.4
11	0.6	1.5	2.1	1.9	2.0	2.0	1.8	1.2	2.7	3.8	4.2	4.8	4.6	5.1	6.0	6.6	6.3	5.9	5.4	5.7	5.7	4.9	5.0	5.3	4.0
12	5.4	4.6	3.2	2.5	0.8	1.8	6.8	1.0	2.1	4.4	4.5	4.6	5.9	5.8	6.1	6.3	5.8	5.9	5.5	4.6	4.1	4.7	4.0	4.6	4.2
13	3.9	6.3	4.0	4.0	7.6	7.4	6.0	6.5	4.7	5.5	5.9	5.9	5.3	4.8	5.3	6.1	6.5	6.5	6.3	6.4	6.5	6.4	7.0	7.0	5.9
14	7.9	8.6	9.2	9.6	9.6	8.6	6.4	8.3	7.0	6.1	6.5	6.3	6.8	6.6	6.3	6.3	6.5	5.6	4.9	5.4	4.4	4.1	3.5	3.8	6.7
15	4.2	4.1	3.5	1.9	2.6	4.5	4.9	5.0	4.7	5.5	4.7	3.6	3.2	2.7	3.0	3.2	3.0	2.7	2.7	2.2	2.1	2.5	2.2	1.6	3.3
16	1.7	1.7	2.3	2.6	3.2	3.0	3.6	3.5	3.2	1.9	2.8	4.5	4.7	3.7	3.7	4.1	4.6	4.1	4.1	4.2	4.8	4.6	2.3	2.3	3.4
17	3.1	3.7	3.2	3.5	4.0	4.0	4.2	3.1	3.2	3.0	3.1	4.0	4.5	4.9	5.6	5.8	6.7	7.0	7.7	6.4	9.4	9.5	9.1	7.3	5.4
18	6.3	5.9	4.6	2.5	4.0	2.7	3.1	3.9	4.1	4.5	6.9	6.7	6.4	7.2	7.2	7.6	6.9	5.7	5.5	5.7	5.0	3.7	3.2	3.4	5.1
19	3.2	3.4	3.1	4.2	5.3	5.6	5.1	4.6	3.9	3.6	3.7	3.9	4.4	4.5	4.6	5.1	4.1	4.4	3.5	3.1	2.5	3.2	2.3	2.3	3.9
20	1.5	1.6	1.7	2.6	1.9	1.7	2.0	3.2	2.7	3.0	3.0	3.2	3.8	4.4	4.8	5.1	4.9	4.9	4.9	4.5	5.4	5.3	4.8	4.9	3.5
21	5.1	5.1	5.5	5.0	6.4	6.3	6.5	5.7	6.9	6.5	5.6	6.4	6.5	5.7	7.3	8.3	9.9	9.4	9.3	10.1	8.7	10.5	9.3	9.7	7.3
22	9.6	9.6	9.6	11.7	10.1	12.2	11.6	10.3	10.3	10.1	8.3	6.0	5.8	5.4	6.3	9.4	9.5	9.9	9.7	8.9	6.4	7.7	7.2	6.9	9.1
23	6.9	6.5	6.4	6.5	6.5	6.3	6.1	6.6	6.5	6.5	6.5	5.4	5.6	5.5	5.4	5.4	5.3	4.5	4.1	4.6	3.9	3.2	2.9	3.6	5.4
24	3.6	3.6	3.4	3.0	4.1	4.0	3.9	3.4	3.1	5.5	5.3	4.4	4.0	4.0	4.1	5.3	4.2	4.8	4.4	4.5	4.5	3.7	3.8	1.9	4.0
25	2.0	2.6	3.6	3.7	4.6	4.9	4.9	4.9	5.6	5.3	4.9	5.7	7.2	6.7	5.9	5.1	4.8	4.0	3.6	3.2	3.4	3.4	2.6	2.1	4.3
26	1.8	1.9	2.1	2.2	2.7	3.8	3.5	4.0	5.0	4.1	3.2	5.0	6.4	6.8	6.7	7.3	7.4	7.3	6.6	6.7	6.0	4.6	4.7	4.2	4.8
27	4.6	5.0	3.6	3.9	3.7	4.1	3.6	3.6	5.5	4.9	4.0	5.0	5.5	6.0	6.8	7.5	8.3	7.9	6.7	5.9	4.7	4.6	3.6	4.5	5.2
28	4.4	4.0	3.9	3.5	3.9	3.6	4.1	5.3	6.8	5.7	5.1	4.9	4.0	4.6	6.6	5.0	5.1	5.6	5.9	4.2	3.5	3.4	4.2	3.4	4.6
29	3.2	2.8	3.6	4.2	2.7	3.4	3.2	3.1	5.1	6.9	6.7	1.7	5.1	5.5	8.5	11.3	8.4	8.7	8.2	8.6	6.0	5.6	5.6	6.3	5.6
30	6.8	8.6	6.6	6.7	6.0	6.6	4.8	4.2	6.0	8.6	9.8	10.5	9.8	10.2	10.6	9.3	8.5	7.6	7.0	5.9	5.1	4.4	2.8	3.6	7.0
31	3.9	3.9	4.6	3.6	5.0	5.6	5.1	5.1	5.7	5.9	6.3	6.6	6.7	6.4	6.4	6.1	6.0	4.5	3.8	2.2	2.1	2.3	3.2	3.1	4.0
AVG	4.4	4.5	4.4	4.4	4.6	4.8	4.7	4.8	5.0	5.4	5.5	5.5	5.7	5.8	6.1	6.3	6.1	5.9	5.6	5.5	5.2	5.0	4.6	4.3	5.2
STD	2.0	2.1	2.0	2.4	2.2	2.4	2.3	2.1	2.0	1.9	2.0	1.8	1.6	1.7	1.7	2.0	2.1	2.2	2.0	2.2	2.2	2.3	2.2	2.1	1.4
MAX	9.6	9.6	9.6	11.7	10.1	12.2	11.6	10.3	10.3	10.1	9.8	10.5	9.8	10.2	10.6	11.3	10.6	11.8	10.8	10.7	10.4	10.5	9.3	9.7	9.1
MIN	0.6	0.6	1.7	1.0	0.8	1.7	0.8	1.0	1.2	1.9	2.1	1.7	3.2	2.7	3.0	2.7	1.0	1.9	2.7	2.2	2.1	2.3	2.2	1.0	3.2

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EL KASR,EGYPT APRIL 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1																									
2												8.0	8.4	8.9	9.3	9.2	8.9	9.2	7.8	7.0	6.6	5.9	4.0	4.9	7.6
3	4.4	2.8	3.0	3.8	4.4	4.2	4.2	4.0	3.6	3.6	3.7	4.6	5.0	5.1	5.0	5.8	5.7	5.0	5.4	5.1	4.9	4.4	4.1	5.0	4.5
4	4.2	4.5	5.0	5.4	5.5	5.3	5.1	4.8	4.2	4.4	3.9	3.7	4.1	4.5	4.8	5.4	5.7	5.4	5.1	4.5	3.7	3.4	[illegible]	3.2	4.5
5	3.5	4.2	4.2	4.1	3.6	3.8	4.2	4.1	3.8	3.6	3.1	2.9	3.0	3.6	3.9	4.4	4.5	4.6	3.5	3.2	2.3	1.6	2.2	3.7	3.6
6	3.9	4.6	5.8	6.3	6.3	6.0	5.1	3.9	3.8	3.7	4.2	4.9	5.5	5.5	5.8	6.8	7.3	5.9	5.0	5.3	4.8	4.4	4.2	3.8	5.1
7	2.6	2.9	3.6	4.5	3.7	3.2	3.5	2.7	2.3	2.7	2.6	3.0	3.2	3.1	2.8	2.5	2.7	2.1	1.7	2.2	2.9	2.7	2.6	3.5	2.9
8	3.2	3.7	3.5	4.0	5.1	4.9	6.3	7.4	8.2	6.5	7.7	6.5	5.1	5.6	3.9	4.0	4.9	4.2	5.0	4.9	4.7	3.9	2.9	2.9	5.0
9	2.7	3.7	4.5	6.7	5.6	6.0	5.1	4.2	5.4	5.0	4.8	5.6	4.9	5.6	5.7	5.3	5.7	4.9	3.9	3.6	3.4	3.1	3.1	2.7	4.7
10	2.6	2.3	2.3	3.2	3.6	3.6	3.5	2.0	0.7	1.5	2.7	2.6	3.4	4.2	3.6	2.6	1.9	2.2	3.1	2.3	1.7	0.1	0.9	1.9	2.4
11	2.1	2.6	1.9	0.4	1.6	3.2	2.7	1.3	1.0	1.7	2.1	3.0	3.0	3.4	3.2	3.2	2.7	3.0	2.8	1.6	2.7	2.6	1.9	2.3	2.3
12	3.5	4.1	4.8	4.4	4.5	5.1	4.6	3.5	4.2	3.1	2.7	2.5	3.0	3.2	2.6	3.4	3.9	3.0	1.8	3.1	3.1	0.9	1.7	2.8	3.3
13	1.6	1.6	3.0	2.1	1.9	2.8	2.0	2.2	2.7	3.1	3.9	6.6	6.9	6.6	6.4	6.7	6.9	6.9	7.9	8.5	8.9	8.8	7.9	7.6	5.2
14	7.6	7.6	6.0	7.8	7.3	6.6	5.7	5.3	4.5	3.8	3.9	3.4	3.4	3.5	3.4	4.0	4.4	3.9	4.1	3.6	2.9	2.9	2.1	2.0	4.6
15	1.1	1.6	2.5	2.7	2.6	2.6	4.2	2.9	3.7	5.3	5.0	6.0	7.8	7.7	7.7	7.9	8.5	7.9	7.4	7.5	6.6	7.0	7.3	6.3	5.4
16	5.3	3.5	4.0	5.3	6.4	6.4	7.3	9.2	8.6	8.6	7.6	7.7	9.6	9.8	10.3	9.7	10.3	10.4	9.4	8.2	8.6	9.4	8.4	6.0	7.9
17	4.4	3.4	4.2	6.8	7.4	7.6	7.5	7.4	7.0	7.8	6.7	6.7	5.9	5.4	5.3	4.2	3.6	3.1	2.3	2.0	1.9	2.7	2.9	3.2	5.0
18	3.6	4.8	5.6	4.6	3.7	4.2	3.9	2.3	1.8	1.3	1.3	3.6	3.5	3.9	4.2	4.2	3.4	3.6	4.1	4.2	3.4	2.6	3.5	3.1	3.5
19	3.0	4.0	4.6	4.4	6.0	5.7	4.7	5.5	6.4	5.0	3.0	3.1	3.7	4.2	4.5	4.2	3.4	4.4	4.5	3.6	2.7	1.8	2.3	3.7	4.1
20	3.6	3.7	3.2	4.0	3.9	4.0	5.7	6.6	6.1	6.6	6.7	6.0	5.7	5.5	6.4	5.1	3.8	2.6	2.7	3.4	2.8	2.5	6.4	6.4	4.6
21	7.9	1.9	3.6	5.6	5.4	5.1	6.3	7.7	7.9	7.7	7.6	6.4	9.3	9.6	6.6	6.9	7.3	6.6	6.7	9.7	9.5	9.3	9.3	8.4	7.5
22	9.1	8.6	8.4	6.5	6.6	8.4	6.2	7.9	6.6	6.6	6.4	6.6	7.7	7.5	6.6	7.3	7.6	7.7	7.6	7.8	7.9	7.4	7.3	6.5	7.7
23	5.4	4.5	7.6	2.6	4.0	4.2	3.5	2.1	1.5	0.9	2.0	3.2	5.3	5.7	6.4	6.6	6.5	5.6	3.7	4.6	4.4	5.0	5.1	5.1	4.2
24	7.2	10.1	10.5	9.6	7.7	6.5	7.4	9.2	10.6	12.4	12.3	12.7	12.0	11.6	11.2	10.5	8.9	8.0	6.4	6.7	7.6	7.3	7.3	6.7	9.4
25	6.5	6.4	6.7	6.7	7.7	7.4	7.0	7.2	6.9	6.8	6.6	6.6	7.0	6.5	6.1	6.1	5.7	4.6	4.6	5.4	5.6	3.5	2.7	2.1	6.6
26	2.6	2.9	2.6	3.1	3.1	2.7	3.4	3.2	3.0	3.1	3.0	2.6	3.2	3.1	2.7	2.0	2.3	2.3	1.6	1.5	2.7	2.5	2.5	2.5	2.7
27	2.6	2.7	2.9	2.5	2.2	2.5	4.2	4.8	5.3	6.7	5.9	4.2	3.4	4.0	4.7	4.6	3.4	2.3	2.3	2.5	1.7	2.1	2.9	3.6	3.5
28	3.1	3.1	6.6	7.6	6.4	7.9	8.5	6.0	2.8	1.9	1.5	2.2	2.9	3.8	5.6	6.5	5.1	4.6	5.3	5.9	6.1	5.9	1.1	2.7	4.9
29	2.6	3.0	3.4	4.6	3.5	3.6	3.2	1.9	0.6	5.6	7.4	8.7	8.5	10.4	12.4	11.0	10.3	9.9	7.6	7.9	5.8	4.5	4.6	4.5	6.1
30	5.3	4.8	5.4	4.7	5.9	7.8	7.6	7.7	7.0	7.3	6.9	6.6	7.7	7.9	7.6	7.2	6.4	6.6	6.9	7.0	6.8	7.5	7.3	7.4	6.6
AVG	4.1	4.1	4.5	4.9	5.0	5.1	5.2	4.9	4.6	4.9	4.8	5.3	5.6	5.9	5.9	5.7	5.6	5.3	5.0	5.0	4.7	4.3	4.2	4.4	5.0
STD	2.0	2.0	2.0	2.0	1.9	1.8	1.7	2.3	2.6	2.7	2.5	2.4	2.4	2.4	2.5	2.3	2.3	2.4	2.3	2.4	2.3	2.5	2.3	2.0	1.7
MAX	9.1	10.1	10.5	9.6	8.6	8.4	8.5	9.2	10.8	12.4	12.3	12.7	12.0	11.6	12.4	11.0	10.3	10.4	9.4	9.7	9.5	9.4	9.3	8.4	9.4
MIN	1.1	1.6	1.9	0.4	1.8	2.5	2.0	1.3	0.7	0.9	1.3	2.2	2.9	3.1	2.6	2.0	1.9	2.1	1.7	1.5	1.7	0.1	0.4	1.9	2.3

EL KASR,EGYPT MAY 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.8	8.5	8.8	7.3	7.6	7.6	7.3	8.8	8.6	6.8	7.0	7.4	7.7	7.5	7.5	8.2	8.3	8.5	8.5	8.6	7.4	7.8	7.3	8.8	7.4
2	8.0	8.2	8.8	8.2	8.5	7.9	8.0	7.6	6.9	5.8	5.6	4.7	4.7	4.6	4.5	5.1	4.9	5.4	4.9	4.9	4.6	4.2	4.8	4.8	6.0
3	3.5	3.6	2.9	2.3	1.9	2.2	2.5	0.9	0.9	1.9	2.7	3.8	3.6	3.6	3.6	3.1	2.8	2.6	2.5	1.8	1.9	2.0	2.2	2.5	2.5
4	2.6	2.7	2.9	2.8	3.4	2.9	3.2	4.2	3.9	3.0	2.3	4.8	5.1	4.6	6.0	6.3	5.0	5.0	3.0	4.0	5.7	3.3	3.2	3.4	3.9
5	3.6	3.9	2.7	3.6	5.7	3.1	4.5	5.0	4.6	2.5	2.7	3.8	4.8	5.7	5.6	5.8	5.6		5.5	4.7	3.9	6.0	5.5	5.1	4.3
6	5.4	6.3	7.3	8.3	7.4	7.4	5.3	7.3	7.9	10.8	11.0	10.1	9.5	8.2	7.4	4.6	4.4	6.0	4.6	6.5	6.0	7.3	6.9	4.6	7.1
7	4.5	4.9	9.8	5.5	8.7	7.4	8.8	8.4	8.9	8.0	7.3	7.4	7.0	7.0	7.0	7.2	6.6	6.6	5.7	5.6	5.7	5.8	6.1	6.0	6.9
8	5.8	5.9	5.9	5.8	5.1	5.3	4.6	3.9	2.8	2.8	1.8	2.2	2.8	2.3	2.8	2.6	2.8	3.0	2.3	2.6	1.9	2.0	2.8	2.1	3.4
9	2.7	2.0	2.2	2.8	2.6	2.8	2.5	3.4	3.4	4.0	4.5	5.4	5.6	5.3	6.7	8.0	8.5	9.4	6.7	7.7	10.1	10.1	8.9	6.0	5.5
10	5.1	3.2	2.5	1.7	2.6	8.9	10.8	11.8	10.2	8.3	10.8	10.1	8.4	12.3	11.8	11.2	8.2	7.7	7.8	8.3	7.2	6.0	5.8	5.3	7.7
11	4.2	5.1	5.3	5.5	5.4	4.9	6.4	7.3	7.4	7.5	8.6	8.0	8.3	7.8	7.0	6.7	6.6	6.4	6.[illegible]	5.9	5.8	4.7	4.5	3.2	6.2
12	2.7	3.1	4.0	3.6	3.0	2.0	2.1	3.1	3.5	3.6	3.9	5.0	5.9	5.6	5.6	5.8	5.0	4.7	4.6	4.6	4.1	3.6	2.9	2.5	4.0
13	1.9	2.5	1.9	1.9	2.9	1.6	2.2	2.9	3.1	3.7	2.9	3.7	4.7	6.0	5.8	5.3	4.6	4.0	3.7	3.1	2.8	2.2	2.1	2.0	3.2
14	1.7	1.6	1.5	1.1	1.2	0.7	2.2	1.0	1.9	2.2	2.9	3.7	4.5	4.4	4.2	3.8	2.7	2.0	1.7	0.6	0.4	1.7	1.1	1.6	2.1
15	1.3	1.1	0.9	1.6	1.6	1.5	2.5	1.7	1.7	2.0	3.1	3.6	4.1	4.4	3.8	3.2	2.9	3.2	2.6	2.6	2.6	3.2	3.4	3.5	2.6
16	2.1	3.0	3.2	2.9	2.1	3.1	2.9	2.3	3.6	1.7	2.1	4.1	4.0	4.5	4.5	4.9	4.6	4.4	3.7	3.5	2.1	2.6	3.8	2.8	3.3
17	2.6	2.2	2.9	4.0	4.5	3.5	3.6	4.6	4.9	3.8	4.9	5.9	5.1	5.1	6.4	4.4	4.6	7.5	6.8	4.2	4.1	4.8	4.0	3.5	4.5
18	4.1	3.5	3.4	3.1	2.6	2.8	2.7	3.6	4.1	5.7	7.7	8.0	9.4	9.7	8.4	5.7	5.1	3.6	4.2	3.8	2.7	1.0	1.1	1.3	4.5
19	1.6	1.5	1.3	1.3	1.1	1.3	2.0	2.8	2.1	1.9	1.8	2.1	2.8	2.5	2.5	2.2	2.1	2.0	2.1	3.2	2.9	1.5	1.6	1.9	2.0
20	1.6	1.5	0.8	1.2	1.3	1.8	1.6	2.2	2.1	1.6	2.0	2.8	3.4	3.8	4.4	3.7	3.0	1.7	0.2	0.3	0.7	2.1	2.5	2.5	2.0
21	2.2	2.5	2.9	2.1	3.5	3.1	1.9	1.6	4.0	4.8	5.5	7.4	6.6	6.5	9.5	9.5	6.1	4.6	7.0	6.6	6.1	5.3	3.6	3.9	5.0
22	5.5	8.8	8.9	6.5	9.4	9.9	14.5	12.7	7.2	5.8	4.6	3.4	4.1	5.1	5.0	5.9	5.1	5.7	5.3	4.6	5.4	4.5	4.8	4.9	8.5
23	5.5	7.2	7.8	7.9	8.0	8.3	6.9	6.9	6.3	5.8	7.4	7.4	7.2	7.2	6.0	6.5	6.7	7.2	6.5	7.4	7.4	5.8	3.9	3.8	6.7
24	3.4	3.7	4.6	4.9	4.1	4.2	5.4	5.3	5.0	5.0	5.4	5.0	4.8	4.9	4.6	4.5	4.0	3.2	2.3	1.7	1.5	1.3	1.7	2.6	3.9
25	2.7	2.7	2.1	0.9	0.4	1.3	0.7	1.0	2.3	2.0	3.0	3.4	3.7	3.7	3.6	2.9	2.6	2.8	3.2	2.8	2.6	2.8	2.8	3.4	2.5
26	3.1	3.4	3.7	2.7	3.0	3.0	2.8	2.5	2.7	3.0	2.6	3.5	5.3	5.3	5.9	5.7	6.6	5.5	4.5	7.5	6.5	4.9	5.5	6.1	4.4
27	7.0	6.6	7.4	7.9	7.7	6.9	7.8	8.3	9.2	8.6	8.0	8.8	6.9	8.6	9.3	9.6	11.5	11.0	8.4	6.8	5.8	5.6	4.1	4.2	7.9
28	5.3	6.5	6.6	7.0	6.9	6.8	6.9	8.5	9.5	8.7	9.2	10.3	10.8	9.8	9.5	6.8	7.9	6.6	7.9	7.6	7.3	6.5	4.1	4.4	7.7
29	4.5	4.6	4.4	4.8	5.0	4.9	5.3	6.9	7.7	7.8	7.7	7.0	6.4	5.9	6.5	5.8	5.0	4.8	4.8	4.9	5.1	4.6	2.9	4.0	5.5
30	2.6	3.8	3.8	3.1	4.4	4.1	3.5	4.5	5.1	4.2	4.1	5.4	4.9	4.8	4.9	4.2	3.1	2.7	2.3	0.8	0.1	1.0	1.2	2.0	3.4
31	1.6	1.5	0.7	1.0	2.8	1.5	1.1	0.1	0.9	2.1	3.4	5.3	4.5	4.2	4.4	4.4	4.1	4.1	3.9	3.6	3.2	3.5	3.5	2.8	2.8
AVG	3.7	4.0	4.2	4.0	4.3	4.3	4.6	4.8	4.9	4.8	5.0	5.6	5.8	5.8	6.0	5.7	5.2	4.9	4.6	4.5	4.3	4.1	3.8	3.7	4.7
STD	1.8	2.1	2.5	2.4	2.5	2.6	3.1	3.1	2.5	2.5	2.7	2.3	2.1	2.2	2.1	2.2	2.1	2.4	2.1	2.3	2.4	2.1	1.9	1.5	1.9
MAX	8.0	8.8	9.8	8.3	9.4	9.9	14.5	12.7	10.2	10.8	11.0	15.3	10.8	12.3	11.8	11.2	11.5	11.0	8.5	8.3	10.1	10.1	8.9	8.0	7.9
MIN	1.3	1.1	0.7	0.9	0.4	0.7	0.7	0.1	0.9	1.6	1.8	2.1	2.6	2.3	2.5	2.2	2.1	1.7	0.2	0.3	0.1	1.0	1.1	1.3	2.0

EL KASR,EGYPT JUNE 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.5	3.4	3.7	4.7	4.2	3.9	4.7	6.4	7.3	7.7	7.2	7.6	7.6	7.9	8.6	8.3	8.3	9.4	8.9	10.4	10.4	9.4	7.5	6.4	7.8
2	5.4	5.7	5.4	2.7	2.8	1.9	5.6	8.8	10.2	8.4	5.8	5.5	5.7	5.1	5.3	5.1	5.4	4.6	5.0	7.4	6.4	6.9	7.8	8.6	5.9
3	7.9	6.1	7.5	7.3	7.8	7.6	6.4	6.1	6.4	5.9	6.4	6.7	6.7	7.0	7.3	7.3	7.5	8.0	7.3	7.3	6.9	7.0	7.0	7.6	7.0
4	6.9	5.1	4.2	3.8	4.4	3.6	5.4	5.8	5.9	6.5	6.3	6.3	5.6	6.1	6.1	5.8	5.8	5.5	4.4	3.9	5.5	5.1	4.9	5.4	5.3
5	6.9	6.5	6.[illegible]	5.8	4.6	2.6	2.6	2.7	3.4	4.1	4.7	5.8	5.6		5.0	4.6	4.8	3.4	2.9	2.0	2.3	2.8	2.7	3.1	4.0
6	3.8	2.9	2.1	2.8	1.8	1.8	2.1	2.5	2.1	2.8	3.8	4.0	4.5	4.7	4.1	4.2	3.5	2.7	2.1	2.6	1.9	1.5	1.1	2.8	2.7
7	1.7	2.0	2.7	2.5	2.5	2.1	0.2	1.0	1.3	1.6	2.1	2.3	3.0	3.9	4.1	4.0	3.9	4.1	3.5	3.9	4.1	3.8	3.4	2.2	2.8
8	3.4	3.2	5.6	5.5	3.7	2.6	2.5	3.1	4.4	4.7	4.9	5.3	5.4	5.4	4.6	4.6	4.4	3.9	4.2	3.8	3.8	3.5	3.8	2.2	4.1
9	2.7	2.3	2.7	3.1	3.1	2.8	2.5	3.8	4.9	4.5	4.2	4.7	4.8	4.1	4.1	3.8	3.5	3.0	2.8	1.8	1.3	0.6	1.7	1.9	3.1
10	1.8	1.9	2.7	2.7	3.0	2.3	2.3	3.0	3.5	3.7	4.1	4.2	4.8	4.8	4.5	4.9	4.5	3.8	2.3	2.0	2.3	2.6	3.4	2.6	3.2
11	4.0	5.0	4.1	4.7	3.9	4.8	4.8	5.3	4.4	4.6	4.8	4.6	4.6	4.6	4.1	3.0	3.9	2.9	3.0	3.1	3.1	2.7	2.6	2.6	4.0
12	2.1	3.2	4.5	2.3	2.6	2.0	1.9	1.2	2.2	2.7	3.0	4.2	4.6	5.9	3.6	2.6	1.6	1.9	0.9	0.4	1.2	1.5	1.3	1.6	2.5
13	2.0	1.7	1.9	2.8	2.3	2.6	2.2	2.6	2.3	4.0	4.1	3.7	4.4	3.9	3.6	3.5	3.1	2.6	1.5	1.3	0.8	0.7	1.3	1.6	2.5
14	1.6	2.1	2.2	2.1	0.9	0.3	1.0	0.6	2.2	2.9	2.9	3.6	3.4	3.7	3.5	3.4	3.8	3.2	2.8	2.9	3.5	4.1	4.5	4.8	2.8
15	5.1	5.5	4.8	2.8	2.3	1.9	1.5	2.9	4.0	4.4	4.5	4.9	5.8	5.8	5.0	5.5	5.7	5.8	5.3	5.4	5.7	5.7	4.1	4.5	4.6
16	4.2	4.8	5.1	5.3	5.3	4.9	4.7	6.4	6.9	8.3	7.8	7.9	7.9	7.3	6.9	7.3	7.4	7.6	7.5	7.7	7.2	5.9	6.0	5.6	6.5
17	4.9	4.7	8.8	6.0	4.6	5.3	5.7	6.5	7.3	7.3	7.7	8.4	8.7	9.2	8.2	8.6	7.8	7.7	7.3	6.5	5.8	3.8	4.4	4.8	6.6
18	3.4	3.8	3.5	2.3	2.8	2.9	4.4	5.7	5.9	7.2	7.7	8.6	7.9	7.9	6.7	7.3	7.7	7.0	6.9	8.8	6.0	7.5	6.2	9.1	6.1
19	9.8	9.8	9.7	9.1	8.8	8.6	8.6	8.6	8.5	8.4	7.7	7.5	7.5	6.2	8.7	9.1	8.9	8.4	8.3	7.6	6.8	5.7	5.1	4.5	8.1
20	4.5	4.8	5.0	4.5	3.8	4.1	2.6	3.7	4.8	5.0	5.4	5.4	5.0	5.1	5.3	5.1	4.5	4.1	3.6	2.8	1.8	1.5	2.3	2.9	4.1
21	2.8	2.8	3.0	3.0	4.1	5.1	5.3	6.1	6.1	7.0	7.3	6.4	5.3	5.8	6.1	4.0	5.1	4.4	3.7	8.8	8.6	8.9	7.6	7.4	5.6
22	7.2	7.3	6.8	7.2	6.6	6.7	6.5	6.1	6.4	6.4	6.4	6.8	6.5	6.1	6.7	7.8	6.9	6.6	6.6	6.7	7.0	6.5	6.3	5.4	6.6
23	5.4	5.1	5.5	3.8	2.6	2.5	2.5	2.3	2.2	2.2	2.2	3.6	3.8	4.1	4.0	4.0	3.9	4.0	3.9	3.4	2.9	2.5	2.1	1.9	3.4
24	1.0	1.7	2.3	2.3	2.1	2.2	2.8	2.9	2.9	3.0	3.4	3.6	4.5	4.9	4.7	5.4	4.7	3.6	3.1	1.5	0.3	1.1	2.1	2.0	2.8
25	1.6	1.9	1.8	2.0	2.7	3.1	2.1	4.0	5.9	5.4	6.4	6.1	7.3	7.3	7.3	7.4	7.2	7.3	7.7	7.6	6.8	6.1	5.4	5.6	5.2
26	5.3	4.8	4.8	4.7	5.8	6.1	6.0	5.8	5.5	6.0	6.3	6.6	6.8	7.0	6.9	6.8	7.3	6.6	6.5	6.9	6.7	6.3	6.4	6.0	6.2
27	5.8	6.6	8.4	6.3	6.5	6.5	6.4	6.3	5.9	6.3	6.5	6.9	7.0	7.2	7.4	7.2	6.7	6.3	6.6	8.4	5.5	5.5	4.8	4.5	6.3
28	4.5	4.2	3.7	2.7	2.9	2.9	2.7	3.8	5.5	5.9	5.6	6.3	6.8	6.1	5.7	5.4	4.7	4.0	3.6	4.1	3.9	4.2	4.1	2.6	4.4
29	2.2	2.2	2.7	2.8	2.8	2.5	2.9	3.5	3.7	3.6	5.8	6.1	6.3	6.1	6.4	5.9	6.0	6.1	5.7	5.8	5.8	5.0	3.2	2.7	4.4
30	2.2	3.7	4.2	3.0	2.2	2.5	3.0	3.2	3.2	3.0	3.9	4.1	5.6	5.8	5.7	5.3	4.7	4.4	3.6	3.9	4.5	4.6	3.8	4.1	4.0
AVG	4.1	4.2	4.4	4.0	3.8	3.6	3.7	4.4	4.8	5.1	5.3	5.6	5.6	5.7	5.7	5.5	5.4	5.1	4.7	4.8	4.6	4.4	4.3	4.2	4.7
STD	2.1	1.9	1.9	1.8	1.8	1.9	2.0	2.1	2.1	1.9	1.7	1.6	1.4	1.8	1.6	1.7	1.8	2.0	2.1	2.6	2.4	2.4	2.1	2.1	1.6
MAX	9.8	9.8	9.7	9.1	8.8	8.8	8.6	8.0	10.2	8.4	7.0	8.6	8.7	9.2	8.7	9.1	8.9	9.4	8.9	10.4	10.4	9.4	8.2	9.1	8.1
MIN	1.0	1.7	1.8	2.0	0.9	0.3	0.2	0.6	1.3	1.6	2.1	2.3	3.0	3.7	3.5	2.6	1.6	1.9	0.9	0.4	0.3	0.6	1.1	1.6	2.5

EL KASR,EGYPT JULY 1986 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.7	4.8	3.1	3.9	4.0	4.6	6.5	7.3	7.0	5.9	6.4	6.7	7.4	7.4	7.5	7.4	8.2	7.6	7.3	7.5	7.0	7.2	6.7	6.4	6.3
2	6.0	5.1	2.8	2.9	3.1	3.9	4.0	4.2	4.2	4.9	4.7	4.6	4.5	5.4	5.8	5.9	6.3	5.9	5.6	5.3	5.4	4.6	5.3	3.4	4.8
3	2.5	3.0	2.6	3.2	3.9	3.8	3.6	5.0	6.3	5.9	6.0	6.3	6.5	6.3	6.4	6.7	6.6	6.0	5.9	5.3	5.5	7.0	5.9	5.4	5.2
4	5.0	5.6	5.8	6.6	4.2	3.5	4.7	5.9	5.3	4.8	4.9	5.3	5.1	5.3	5.8	6.1	6.4	5.9	6.0	5.9	5.1	4.9	4.6	4.8	5.3
5	4.8	4.8	5.8	6.5	6.7	6.8	7.0	6.3	6.9	7.3	7.5	8.3	8.8	8.8	9.1	8.7	8.7	8.3	8.2	7.5	6.7	4.9	5.3	5.3	7.0
6	5.7	5.0	5.1	5.4	4.5	2.9	1.8	1.6	2.0	2.7	3.1	3.9	4.7	4.9	4.8	4.4	3.6	2.8	2.7	2.3	3.0	2.3	2.3	2.1	3.5
7	2.0	2.9	2.7	2.6	2.0	2.0	3.1	4.8	4.4	3.8	4.4	6.0	5.3	7.6	8.3	6.8	7.0	7.2	5.9	4.9	4.8	4.6	4.7	5.1	4.7
8	5.1	5.8	4.2	5.3	5.5	5.6	5.9	5.0	5.6	5.4	5.1	5.3	5.4	5.6	5.9	6.1	6.0	5.8	5.1	4.9	4.4	3.9	4.1	4.2	5.2
9	4.0	3.7	3.7	3.7	3.5	3.5	4.0	4.5	4.8	5.6	5.5	5.3	5.8	5.8	6.4	6.8	6.1	5.0	4.7	5.9	5.9	6.0	5.7	5.6	5.1
10	5.4	5.3	5.1	4.4	3.5	3.2	2.9	3.8	4.5	4.7	5.1	4.7		4.6	4.9	5.3	6.0	6.3	5.9	5.4	5.0	4.7	3.2	3.4	4.7
11	3.2	3.4	3.5	3.1	3.5	3.8	3.7	5.0	5.7	5.7	6.5	6.5	6.4	5.9	5.6	5.7	5.7	5.9	5.5	5.3	5.5	4.2	3.4	2.7	4.8
12	3.5	3.5	3.6	3.7	3.4	3.5	3.8	4.4	5.3	6.1	6.4	6.5	6.3	6.3	6.4	6.5	6.4	5.7	6.8	5.8	6.1	6.4	5.6	5.9	5.3
13	6.3	6.0	6.1	6.0	5.5	3.[illegible]	4.2	4.9	5.6	5.4	5.4	5.4	5.5	5.6	6.3	6.3	6.1	4.8	3.7	2.8	3.4	3.5	2.7	2.6	4.9
14	1.1	1.6	2.9	2.5	3.0	2.6	3.1	4.7	5.1	5.0	4.6	4.5	5.1	6.0	5.9	5.9	6.0	5.8	5.1	4.2	3.8	3.9	3.9	3.4	4.2
15	3.5	3.9	3.7	3.9	3.4	3.7	4.6	5.5	4.7	4.5	4.9	6.3	8.4	6.4	6.3	6.9	7.2	5.6	4.2	3.1	2.6	2.5	1.6	2.1	4.5
16	2.3	2.3	2.5	2.9	2.8	2.7	2.3	2.6	2.7	3.5	4.6	5.5	5.6	6.5	6.6	6.4	6.8	5.8	4.8	4.2	3.1	2.9	2.8	2.8	3.9
17	2.7	2.7	3.7	3.7	3.6	2.9	3.6	5.8	6.5	6.3	6.1	6.8	6.8	7.2	7.3	7.0	6.9	6.6	6.0	5.7	5.5	5.0	5.5	5.6	5.4
18	5.5	5.1	4.8	4.7	4.1	3.6	4.5	6.6	6.1	7.0	7.5	7.4	7.7	8.4	7.8	7.8	7.5	7.5	6.8	6.5	6.6	6.6	6.7	6.3	6.4
19	6.7	6.7	6.9	6.4	6.6	7.2	6.8	6.6	6.4	6.3	6.4	7.0	6.7	6.6	6.4	6.3	6.8	6.8	6.9	6.8	6.9	6.4	5.5	4.4	6.5
20	4.0	3.4	3.2	3.6	4.1	4.6	5.0	5.9	6.7	7.5	7.0	6.9	6.9	6.9	7.5	7.4	7.5	6.8	5.7	5.4	6.3	6.1	6.1	4.9	5.8
21	4.7	4.6	4.7	3.5	4.7	4.9	4.7	5.5	6.9	6.8	6.1	6.5	6.5	6.4	6.4	6.3	5.9	5.8	5.4	5.0	5.3	5.9	5.6	5.3	5.6
22	4.1	4.1	4.0	4.7	4.9	4.0	3.7	3.5	3.8	3.0	3.0	3.6	3.9	4.1	4.8	4.8	4.4	4.2	4.0	3.8	3.0	3.6	3.9	3.1	3.9
23	2.8	3.9	5.6	4.0	3.6	3.7	3.4	5.4	6.3	6.0	6.1	5.6	5.7	6.3	7.4	6.9	7.4	7.2	7.0	6.8	6.5	5.3	5.0	5.4	5.6
24	5.8	5.9	6.3	6.0	6.0	5.9	5.6	4.8	4.7	5.4	5.4	6.1	6.4	6.6	5.9	6.3	5.5	5.5	5.7	6.3	6.6	6.0	7.4	7.8	6.0
25	7.4	6.7	6.4	6.4	6.3	4.9	3.9	4.2	4.7	5.0	6.3	5.7	5.8	5.6	5.6	5.5	5.5	5.6	5.4	5.4	5.4	4.8	4.8	4.9	5.4
26	5.1	5.3	4.8	3.4	3.2	3.4	3.6	4.8	5.7	6.3	6.6	6.4	6.3	6.9	6.9	6.3	5.9	5.7	5.1	5.4	5.4	4.7	5.0	5.5	5.3
27	4.6	4.5	4.8	5.0	3.4	2.9	3.9	4.7	5.6	6.5	5.9	6.3	6.5	6.9	6.8	5.8	5.8	6.0	6.1	6.6	6.6	6.7	6.3	5.8	5.6
28	5.5	4.9	4.6	5.0	4.9	4.5	4.2	4.2	4.7	5.1	4.9	4.8	5.4	5.9	6.3	6.0	6.1	5.6	4.9	4.5	4.4	4.6	4.6	3.6	5.0
29	5.8	4.9	3.8	4.0	4.4	3.1	3.1	3.7	4.4	4.9	5.7	5.6	5.6	5.6	5.1	5.4	4.6	3.5	2.6	2.3	1.7	0.3	1.5	2.1	3.9
30	2.7	2.6	3.1	3.1	3.4	3.6	4.1	4.8	4.2	5.5	6.3	6.1	6.0	6.3	6.5	6.4	6.0	5.4	5.3	4.7	4.4	4.4	4.2	3.9	4.7
31	3.9	4.1	4.2	4.4	4.2	4.6	3.7	4.7	4.8	5.3	5.8	5.8	5.5	5.8	5.1	5.8	4.4	4.2	4.7	3.6	3.0	3.2	3.7	3.9	4.5
AVG	4.4	4.4	4.4	4.3	4.2	4.0	4.2	4.9	5.2	5.4	5.8	5.9	6.0	6.2	6.4	6.3	6.2	5.8	5.4	5.1	5.0	4.8	4.6	4.4	5.1
STD	1.5	1.2	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1	1.0	1.0	1.0	1.0	1.0	0.9	1.1	1.1	1.2	1.3	1.4	1.5	1.5	1.5	0.6
MAX	7.4	6.7	6.9	6.6	6.8	7.2	7.0	7.3	7.0	7.5	7.5	8.3	8.8	8.8	9.1	8.7	8.7	8.3	8.2	7.5	7.0	7.2	7.4	7.6	7.0
MIN	1.1	1.6	2.5	2.5	2.0	2.0	1.8	1.6	2.0	2.7	3.0	3.0	3.9	4.1	4.8	4.4	3.6	2.8	2.6	2.3	1.7	0.6	1.5	2.0	3.5

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EL KASR,EGYPT AUGUST 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.0	4.1	4.1	3.2	3.5	4.6	4.1	4.1	5.0	6.4	6.4	6.3	5.0	5.9	6.1	6.5	6.4	7.0	6.8	5.9	6.0	6.3	5.9	5.4	5.4
2	3.1	4.6	6.8	5.4	3.1	3.1	4.0	6.1	6.1	5.6	6.1	6.3	5.8	5.7	5.9	6.1	6.1	5.0	4.8	4.6	4.2	4.0	3.4	2.5	5.0
3	3.6	4.4	4.4	5.0	4.4	4.7	5.0	4.7	5.9	7.9	7.3	7.0	7.3	6.7	7.2	6.3	8.5	7.4	8.3	9.3	9.5	9.3	8.8	8.7	6.6
4	9.5	9.6	9.5	8.5	7.5	6.9	5.8	5.7	5.8	7.3	8.8	7.9	9.2	9.6	9.5	8.6	8.5	7.8	7.7	7.8	7.6	7.2	7.3	7.4	8.0
5	7.2	7.4	7.2	6.8	6.3	5.7	5.7	5.6	5.9	6.3	6.4	7.2	6.8	6.9	7.9	7.3	7.4	7.4	6.6	5.7	5.1	4.7	4.4	4.1	6.3
6	3.5	3.4	2.8	2.3	2.1	2.6	2.7	2.9	3.1	3.8	4.1	4.7	5.6	5.7	[illegible]	5.5	4.8	4.2	3.5	2.5	1.7	1.6	1.9	2.5	3.5
7	2.3	1.9	1.6	1.0	1.1	1.2	1.1	0.9	2.0	2.1	2.1	3.0	4.4	4.7	4.0	4.4	3.9	3.5	3.1	3.2	2.3	1.5	1.3	1.7	2.4
8	1.2	2.1	2.6	3.0	3.4	3.1	3.1	4.5	5.6	6.6	7.2	6.9	6.9	7.5	7.7	8.5	8.6	8.6	9.1	9.3	9.1	8.7	8.8	8.7	6.3
9	7.9	7.6	7.6	7.5	7.0	5.6	4.8	4.9	4.9	4.8	4.7	5.3	5.6	5.9	6.5	6.8	7.5	7.7	7.8	8.5	7.9	7.9	7.8	6.7	6.6
10	6.0	5.6	5.9	6.3	6.7	6.5	6.0	6.6	6.5	6.1	5.8	5.8	5.8	5.7	6.1	6.6	6.9	6.3	8.0	5.5	5.6	5.6	5.5	6.1	6.1
11	5.7	5.7	5.5	5.3	3.9	3.5	3.1	3.9	5.6	6.0	6.4	6.4	6.6	6.8	7.2	6.9	6.6	6.3	5.7	4.5	3.9	3.2	3.0	2.1	5.2
12	2.5	2.8	3.0	3.1	3.2	3.2	2.6	2.7	3.1	3.4	4.4	4.6	4.6	5.3	5.4	5.4	5.4	5.3	4.8	3.9	3.8	2.7	1.1	1.1	3.6
13	1.8	2.1	2.1	2.3	2.2	2.7	2.7	3.5	3.7	3.7	3.5	3.4	3.1	4.1	5.4	5.4	5.1	5.4	5.1	4.2	3.1	2.6	1.6	0.6	3.3
14	1.5	1.9	2.2	2.7	2.2	2.6	2.7	3.2	3.7	4.6	4.7	5.6	6.3	6.4	6.4	6.3	5.3	5.3	5.0	4.8	4.2	3.1	2.1	2.0	3.9
15	2.8	3.5	3.4	3.6	3.4	2.9	3.4	4.1	4.9	5.3	6.3	6.0	5.7	5.7	5.7	5.7	5.0	5.6	5.3	4.9	4.7	3.5	2.2	2.3	4.4
16	2.0	3.1	3.4	2.7	2.9	2.3	2.8	3.1	3.1	3.8	3.4	4.9	5.7	5.8	5.9	4.9	3.2	2.3	2.0	2.9	3.5	3.1	3.2	3.5	3.5
17	3.0	2.2	2.3	3.0	3.2	3.2	2.6	2.1	1.6	2.0	2.6	2.7	3.9	4.6	5.5	6.0	6.6	6.8	6.8	6.3	6.0	4.1	3.1	3.0	3.9
18	2.6	2.6	2.8	3.2	2.5	3.1	3.5	2.6	3.4	3.9	4.7	5.0	5.6	5.8	5.9	5.5	5.1	4.7	4.2	3.7	3.2	3.6	2.8	2.0	3.8
19	2.2	2.7	2.9	2.7	2.6	2.8	4.4	5.3	4.8	4.9	4.7	4.7	4.7	5.1	5.6	5.6	5.4	5.7	5.6	6.3	6.1	5.4	5.4	4.6	4.6
20	3.4	3.7	5.6	6.7	6.9	6.4	5.1	5.5	6.3	6.3	6.8	6.0	6.3	6.0	7.6	7.3	7.4	7.6	7.5	7.4	6.7	6.8	6.5	5.0	6.5
21	4.2	4.1	4.9	5.8	4.7	6.3	6.4	7.0	6.6	6.1	6.5	7.5	7.5	7.4	7.9	7.6	7.2	7.6	7.2	6.5	6.8	6.3	6.5	6.7	6.5
22	6.8	6.6	4.6	4.4	4.5	5.7	6.7	7.5	7.0	6.6	5.5	5.5	5.9	6.8	7.0	7.5	7.5	7.3	7.3	7.4	6.8	6.6	6.1	5.9	6.4
23	6.1	6.0	5.8	5.3	5.0	4.6	4.7	4.4	4.1	3.9	3.9	3.8	3.6	4.1	4.0	4.4	4.2	4.2	3.8	4.1	4.2	4.0	4.0	3.9	4.4
24	3.7	2.7	3.1	3.5	3.7	3.4	3.1	2.9	2.6	2.7	2.5	2.8	3.2	4.0	4.2	4.6	4.9	4.8	4.5	3.9	3.5	3.2	2.3	1.5	3.4
25	2.3	3.5	3.6	2.6	2.7	3.0	3.0	3.1	3.9	4.5	4.7	4.9	6.0	7.2	7.7	7.0	6.0	6.9	6.7	6.4	6.0	6.1	5.8	5.6	5.0
26	6.5	7.0	6.7	6.5	6.0	4.5	2.9	4.9	5.0	6.3	7.3	7.8	7.8	7.5	7.6	8.0	7.5	7.4	7.7	7.9	7.4	7.4	7.4	7.5	6.8
27	7.6	7.8	7.7	8.2	7.5	7.8	6.6	4.8	7.9	8.4	8.4	8.3	8.9	8.7	8.7	8.7	8.9	8.4	8.5	8.7	8.5	8.3	8.8	8.9	8.1
28	9.2	8.4	8.7	9.3	9.3	8.9	9.2	9.3	8.7	8.8	8.9	8.7	8.4	8.3	8.3	8.7	8.3	8.3	8.5	8.7	9.1	8.6	8.9	8.3	8.7
29	7.7	8.3	8.3	8.0	7.4	7.2	7.0	7.2	7.2	7.2	7.0	7.2	7.2	7.5	7.0	7.4	7.6	7.5	7.0	6.8	6.6	5.8	4.9	5.0	7.1
30	4.9	5.1	5.0	3.8	3.4	2.8	3.2	3.4	4.0	4.5	4.9	5.3	5.3	5.5	6.3	6.3	6.0	6.0	6.1	5.1	4.6	4.0	3.2	3.7	4.7
31	3.6	2.6	2.6	2.9	3.1	3.1	3.6	3.6	5.4	5.6	6.0	6.7	6.7	6.9	6.9	7.4	7.4	7.3	7.0	7.2	6.3	6.7	6.0	5.5	5.4
AVG	4.5	4.8	4.7	4.7	4.4	4.3	4.3	4.5	5.0	5.3	5.5	5.8	6.1	6.3	6.6	6.6	6.5	6.3	6.1	5.9	5.6	5.2	4.8	4.6	5.3
STD	2.3	2.2	2.2	2.1	2.0	1.9	1.7	1.8	1.7	1.7	1.8	1.8	1.5	1.4	1.3	1.3	1.5	1.5	1.7	1.9	2.0	2.2	2.4	2.4	1.6
MAX	9.5	9.8	9.5	9.3	9.3	8.9	9.2	9.3	8.7	8.8	8.9	8.7	9.2	9.6	9.5	8.8	8.9	8.6	9.1	9.3	9.5	9.3	8.9	8.9	8.7
MIN	1.2	1.9	1.6	1.0	1.1	1.2	1.1	0.9	1.6	2.0	2.1	2.7	3.1	4.0	4.0	4.4	3.2	2.3	2.0	2.5	1.7	1.5	1.1	0.6	2.4

EL KASR,EGYPT SEPTEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	6.0	6.0	5.9	6.3	5.9	3.7	4.1	4.7	7.0	7.3	7.2	6.9	7.3	7.6	7.7	7.0	6.6	6.3	6.0	5.6	5.3	4.8	4.8	5.0	6.0
2	5.3	4.1	3.4	3.4	3.5	3.7	3.5	3.8	4.6	5.7	5.4	5.5	5.7	5.8	5.9	6.0	5.8	5.5	4.7	4.1	3.8	3.7	3.6	3.5	4.6
3	4.0	4.4	2.9	2.8	2.3	2.0	2.3	3.0	3.1	3.7	4.5	4.7	5.3	5.9	6.0	6.0	5.9	6.1	5.6	4.2	4.0	3.7	4.0	3.5	4.1
4	3.0	2.9	3.6	3.2	3.1	3.2	3.1	3.9	4.7	5.5	6.4	7.3	7.3	7.2	6.1	5.9	5.5	5.7	5.7	5.3	4.7	3.5	2.9	3.2	4.7
5	3.6	3.9	3.9	4.1	4.0	4.2	4.4	4.2	6.1	7.4	7.7	6.2	6.3	6.3	6.2	7.0	8.2	8.2	8.2	7.6	7.4	6.5	6.5	4.7	6.3
6	3.6	3.4	4.0	4.2	3.7	3.7	3.9	4.5	5.6	5.0	5.4	5.7	5.8	5.7	5.4	5.3	4.9	3.9	3.1	2.6	2.3	2.2	2.3	1.6	4.1
7	1.9	2.0	2.6	2.9	2.6	1.8	2.2	2.5	2.8	3.2	3.7	4.8	4.8	5.3	5.8	6.0	6.0	6.3	6.1	5.6	5.3	4.7	4.6	4.5	4.0
8	4.8	4.7	3.2	2.7	1.9	1.6	2.2	2.8	3.1	4.5	4.4	4.0	4.4	5.0	5.6	5.5	6.0	6.4	6.1	6.1	6.5	6.1	5.6	5.3	4.5
9	4.4	4.5	5.1	5.1	5.6	6.0	5.0	6.1	5.7	5.1	4.9	5.8	6.0	6.0	5.9	5.6	5.5	5.1	5.3	4.8	4.2	3.0	1.7	1.1	4.9
10	2.2	2.0	2.9	2.6	2.2	2.2	2.6	2.5	3.8	4.2	4.9	5.6	6.0	6.6	6.4	6.0	5.8	5.0	4.4	3.8	3.5	3.0	3.6	3.7	4.0
11	3.6	3.5	2.2	2.0	2.1	2.6	2.8	3.4	4.1	5.4	6.5	6.1	5.9	5.7	4.8	5.8	5.6	5.1	5.4	5.5	5.5	5.5	5.7	5.0	4.6
12	5.7	6.0	6.3	6.9	6.6	5.5	4.5	6.7	6.1	5.9	6.4	6.5	6.6	6.8	7.0	6.7	5.8	5.6	5.0	4.6	3.6	4.5	4.4	3.7	5.7
13	4.9	5.5	4.6	4.6	3.6	2.6	3.2	4.7	4.4	4.3	5.3	5.1	6.0	6.1	5.9	5.6	5.9	5.6	5.3	4.6	4.4	4.6	5.0	5.0	4.9
14	5.3	4.6	4.5	5.0	5.4	5.1	4.6	4.9	4.7	5.1	5.3	5.0	5.1	5.5	6.6	6.7	6.1	5.6	6.1	5.3	5.0	4.6	4.6	4.2	5.2
15	4.0	2.5	2.6	3.4	3.1	3.0	3.1	3.2	3.5	4.1	4.4	4.1	4.1	4.9	5.1	5.0	5.1	4.6	3.9	4.0	4.0	4.1	4.5	4.4	4.0
16	3.6	2.1	1.7	2.6	2.6	2.9	3.2	2.5	2.6	2.1	2.6	3.6	4.1	4.6	4.6	4.7	4.4	4.2	3.6	3.5	3.1	3.0	2.6	2.6	3.2
17	1.2	1.7	1.6	1.6	2.3	2.2	1.0	1.3	0.2	1.1	2.0	3.5	4.0	4.7	4.6	4.9	4.5	4.8	4.4	4.4	5.1	5.6	5.5	5.8	3.3
18	5.9	5.9	5.5	4.9	4.1	4.6	5.0	5.5	5.3	5.6	5.9	6.0	6.4	6.1	6.6	7.4	7.5	7.4	6.7	6.9	6.7	6.1	6.1	6.5	6.0
19	6.7	6.6	6.7	6.4	6.4	6.0	7.0	7.2	7.3	6.8	6.1	6.0	5.9	6.1	6.7	7.4	7.4	6.7	6.1	5.8	5.9	5.4	5.1	5.0	6.4
20	4.9	5.0	4.7	5.3	5.6	5.3	5.4	5.5	5.5	4.9	5.3	5.0	5.4	5.7	5.7	5.7	5.4	5.4	5.5	5.5	5.4	5.6	5.1	5.0	5.3
21	5.0	5.6	4.8	4.7	4.9	4.7	4.1	3.8	3.7	3.5	4.0	4.6	4.6	4.7	4.5	4.9	4.9	4.9	4.0	3.7	3.9	4.2	4.4	3.8	4.4
22	3.7	3.2	2.9	3.0	2.6	2.3	0.7	1.1	2.8	2.8	2.7	2.7	3.6	3.9	3.6	3.7	3.4	3.4	2.8	2.9	2.7	3.0	2.1	2.9	2.8
23	1.7	1.7	2.0	2.2	2.2	2.3	2.6	1.8	1.1	1.1	2.3	4.0	5.5	6.3	5.3	5.6	3.9	3.1	2.6	2.0	1.5	1.9	2.6	2.6	2.8
24	2.6	2.3	2.8	2.0	1.8	1.8	2.1	2.9	4.0	3.0	4.2	4.5	4.6	4.5	4.7	5.1	5.7	5.0	4.7	4.2	3.6	2.6	2.6	3.5	3.5
25	3.4	2.3	2.2	0.9	2.5	4.7	4.5	3.7	3.8	4.7	5.1	5.0	4.6	4.8	4.7	5.5	4.9	4.9	4.7	4.4	4.2	3.6	3.0	2.9	4.0
26	2.7	2.3	2.6	3.0	2.9	2.9	2.7	3.0	3.0	2.7	3.0	3.6	4.0	5.3	6.1	6.3	5.9	5.4	4.7	4.2	3.5	2.7	2.1	1.8	3.6
27	1.5	2.3	2.2	2.2	2.5	2.8	2.6	2.7	3.0	2.7	2.9	3.2	4.2	5.5	6.0	6.6	6.6	6.5	5.7	4.5	3.1	2.7	2.5	1.1	3.6
28	0.9	1.6	2.2	2.5	2.0	1.6	2.0	1.9	1.7	2.9	2.8	3.0	3.4	4.4	4.8	3.9	3.4	2.3	2.9	4.4	6.0	6.1	5.6	5.3	3.2
29	5.1	3.2	3.1	4.8	4.4	3.5	3.6	4.5	4.5	5.6	4.8	5.7	6.5	6.7	6.3	5.8	5.4	4.5	4.2	4.8	4.2	3.8	4.5	3.2	4.7
30	3.4	3.5	3.6	3.4	3.9	3.8	3.6	3.4	3.6	3.4	3.0	3.1	3.2	3.7	4.1	4.2	3.7	3.5	3.6	3.5	2.9	3.5	3.7	4.1	3.5
AVG	3.8	3.6	3.5	3.6	3.6	3.4	3.4	3.7	4.0	4.3	4.7	4.9	5.3	5.7	5.7	5.8	5.5	5.2	4.9	4.6	4.4	4.2	4.0	3.6	4.4
STD	1.5	1.5	1.4	1.5	1.4	1.4	1.3	1.5	1.6	1.6	1.4	1.3	1.2	1.0	1.0	1.0	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.0
MAX	6.7	6.6	6.7	6.9	6.6	6.6	7.0	7.2	7.3	7.4	7.7	6.2	6.3	6.3	6.2	7.6	6.2	6.2	6.2	7.6	7.4	6.5	6.5	6.5	6.4
MIN	0.9	1.6	1.7	0.9	1.0	1.6	0.7	1.1	0.2	1.1	2.3	2.7	3.0	3.7	3.6	3.7	3.4	2.3	2.6	2.0	1.5	1.9	1.7	1.1	2.6

EL KASR,EGYPT OCTOBER 1985 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	3.9	3.4	1.7	2.2	2.9	2.5	2.1	2.8	3.4	4.6	5.0	5.5	5.9	6.5	6.9	7.6	6.4	5.7	5.0	4.7	4.8	4.8	4.4	4.4	4.4
2	4.7	4.9	5.7	5.7	6.5	6.5	6.1	6.0	5.9	6.6	6.0	5.7	6.0	6.1	5.7	5.4	5.4	5.7	6.3	6.4	6.4	6.3	6.1	5.6	5.9
3	5.3	5.4	5.1	5.4	5.6	5.5	5.1	4.8	4.8	4.7	4.1	4.2	4.2	4.1	4.6	4.0	4.2	3.8	4.4	5.3	5.5	4.5	4.0	3.4	4.6
4	3.2	2.1	2.9	3.7	3.7	3.8	3.8	3.7	3.9	3.7	3.7	3.9	4.7	5.9	6.0	5.1	4.4	4.1	3.4	2.8	2.0	1.1	2.0	2.0	3.6
5	2.7	3.0	3.1	3.2	3.4	3.2	3.4	2.8	2.5	1.3	1.1	2.7	3.2	3.7	3.7	3.6	3.5	3.1	2.7	2.1	1.6	1.9	2.3	2.6	2.8
6	3.1	3.4	3.1	3.0	3.0	3.2	3.2	3.0	3.4	1.8	2.0	3.6	3.8	4.7	5.9	4.9	3.9	3.4	3.0	2.8	2.1	1.5	2.1	2.3	3.2
7	2.3	3.0	4.0	3.8	3.9	4.1	4.6	4.2	4.5	4.0	4.0	4.9	5.6	6.0	5.6	5.4	4.9	3.9	3.5	2.7	2.2	3.1	3.6	3.7	4.1
8	4.0	4.4	4.9	5.9	6.5	6.5	6.5	6.6	7.8	8.0	7.7	8.9	9.8	10.3	9.9	9.7	7.6	7.0	6.8	4.5	2.9	3.0	3.9	4.0	6.6
9	4.4	4.9	4.4	4.1	4.5	5.0	5.3	5.0	4.7	5.3	5.1	6.1	6.6	7.0	7.2	6.8	6.4	5.6	4.8	4.4	4.4	3.6	3.0	2.5	5.0
10	2.0	1.9	2.0	3.0	2.5	2.8	3.1	3.4	3.9	5.0	5.7	5.0	6.0	5.9	7.2	7.5	7.9	7.7	7.5	7.2	7.6	7.7	8.6	8.3	5.4
11	8.3	8.0	8.4	7.8	8.0	7.8	7.8	7.3	7.4	6.8	7.2	7.7	7.6	7.8	7.8	7.6	8.0	8.4	8.4	8.0	8.3	8.6	8.8	8.5	7.9
12	6.5	8.0	7.9	7.8	7.7	7.0	7.3	7.3	6.5	5.5	5.3	5.5	5.9	6.5	6.7	8.3	8.1	6.4	6.0	5.9	5.7	5.0	4.8	5.5	6.5
13	5.7	5.4	4.6	4.9	4.4	4.0	3.5	3.9	4.4	5.3	4.9	5.1	4.8	8.0	5.9	5.9	5.5	4.8	4.5	4.7	4.4	3.9	3.6	3.6	4.7
14	2.9	1.9	2.3	2.1	2.5	2.6	2.7	2.9	1.7	0.7	1.0		3.0	3.5	3.2	3.1	3.0	2.3	2.6	2.7	2.7	2.9	2.7	3.6	2.5
15	3.7	4.0	3.7	3.7	4.0	4.0	4.6	6.1	8.6	8.7	9.5	6.0	8.0	7.2	6.5	6.1	6.0	5.1	6.5	6.0	5.3	5.4	5.7	5.0	6.0
16	4.0	4.4	2.2	2.2	2.8	3.1	3.2	3.8	4.5	5.0	6.5	7.0	7.7	7.6	6.5	6.5	5.5	4.7	3.5	2.1	2.1	2.7	3.0	4.0	4.4
17	4.8	4.4	4.6	4.6	5.0	5.3	5.1	5.7	7.3	6.8	9.4	6.7	9.2	10.3	9.4	8.0	7.8	6.8	5.3	3.1	6.1	7.2	7.5	7.2	6.7
18	4.9	3.8	4.6	5.3	7.7	8.2	6.9	7.3	6.8	7.5	8.4	8.4	4.7	8.2	6.1	5.3	4.8	7.7	5.3	5.5	2.8	6.1	7.3	8.3	6.2
19	10.8	8.8	6.9	6.1	8.7	6.6	6.0	7.0	8.9	8.1	8.9	7.6	8.8	9.4	9.6	9.4	9.2	8.6	7.2	5.8	5.1	5.5	5.7	5.6	7.6
20	4.8	3.8	4.6	4.8	4.9	4.8	5.0	5.0	4.8	5.0	5.4	4.9	5.7	5.7	5.5	5.0	4.6	3.9	3.3	1.8	2.1	2.6	2.6	2.3	4.3
21	2.3	3.0	2.1	2.2	3.8	4.0	2.6	1.6	2.2	2.2	3.0	3.6	3.6	3.4	3.8	3.7	4.0	4.9	5.1	5.6	5.8	6.5	6.1	6.1	3.8
22	6.3	6.5	6.5	6.4	5.9	5.7	5.8	5.4	5.0	5.4	4.6	4.6	5.5	5.4	4.9	5.0	5.0	6.4	6.4	6.6	6.1	5.3	5.1	4.9	5.7
23	5.4	4.8	5.3	6.0	5.9	5.4	5.0	4.7	4.2	4.9	4.6	4.9	4.9	5.0	5.4	5.4	4.9	5.4	5.8	5.9	5.8	5.4	5.8	5.8	5.3
24	5.5	5.3	5.3	4.6	3.5	3.7	3.7	3.9	3.4	3.2	3.4	3.5	3.4	4.1	5.1	5.3	5.3	5.0	4.9	5.6	4.8	4.2	3.4	2.8	4.3
25	3.0	3.1	2.6	1.0	1.7	1.6	2.1	1.6	2.1	3.2	2.7	3.1	4.0	4.2	5.0	5.7	6.1	6.1	6.4	5.8	5.1	5.8	6.3	6.5	4.0
26	6.5	6.5	6.6	7.3	7.3	7.6	7.4	7.5	7.6	7.3	7.3	7.3	7.5	7.8	8.2	7.7	8.0	8.4	8.7	8.6	8.6	7.9	7.4	7.0	7.6
27	7.4	7.5	7.4	7.2	6.6	6.9	6.8	8.6	6.4	5.7	5.3	5.7	6.8	6.5	5.8	5.6	5.1	4.9	4.6	4.2	3.1	4.1	4.0	3.8	5.7
28	2.6	3.1	4.8	4.9	4.4	4.4	4.6	4.2	3.8	3.8	3.6	3.9	3.7	4.4	4.6	4.2	4.0	4.5	5.3	5.4	5.0	5.7	5.4	4.4	4.3
29	4.8	5.6	4.9	5.4	5.5	4.9	3.8	3.9	3.9	3.9	3.7	4.5	4.6	5.4	5.3	5.3	5.5	5.8	5.7	5.5	4.9	5.3	5.1	4.7	4.9
30	4.2	4.4	4.5	4.7	4.6	5.0	5.3	3.7	3.8	4.2	3.9	4.6	4.6	5.6	5.7	5.9	5.8	5.3	5.6	5.4	5.6	5.5	4.0	3.8	4.6
31	3.6	4.1	4.8	3.9	4.0	4.8	5.0	5.9	5.5	5.6	6.3	4.5	4.5	4.5	5.1	5.3	5.4	5.5	5.3	5.9	6.1	5.8	5.6	4.9	5.1
AVG	4.7	4.6	4.6	4.6	4.9	4.9	4.6	4.8	5.0	5.6	5.0	5.5	5.6	6.1	6.1	5.9	5.6	5.5	5.3	4.9	4.7	4.8	4.9	4.7	5.1
STD	2.0	1.8	1.7	1.7	1.8	1.7	1.6	1.7	1.9	2.0	2.1	1.6	1.8	1.8	1.6	1.5	1.5	1.6	1.6	1.7	1.8	1.6	1.8	1.7	1.3
MAX	10.8	8.8	8.4	7.8	8.7	8.2	7.8	7.5	8.9	8.8	9.5	8.9	9.8	10.3	9.9	9.7	9.2	8.6	8.7	8.6	8.3	8.6	8.8	8.5	7.9
MIN	2.0	1.9	1.7	1.0	1.7	1.8	2.1	1.6	1.7	0.7	1.0	2.7	3.0	3.4	3.2	3.1	3.0	2.3	2.6	1.8	1.6	1.1	2.0	2.0	2.5

EL KASR,EGYPT NOVEMBER 1985 10M AGL BMW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	4.8	4.8	4.5	4.0	4.1	4.5	4.4	4.2	4.0	4.0	3.9	4.6	4.7	5.1	5.3	5.3	4.9	4.4	4.2	4.0	4.2	4.2	4.0	3.6	4.4
2	2.8	2.2	2.0	2.5	2.5	2.7	2.6	1.9	2.8	3.5	3.0	2.9	3.1	3.1	3.2	3.5	3.0	2.2	1.5	1.6	2.1	2.7	2.5	3.2	2.6
3	3.1	3.0	3.5	3.1	4.2	4.8	6.0	5.5	4.6	4.2	3.6	2.7	3.8	3.2	2.6	1.9	1.9	2.2	2.8	2.3	3.2	3.5	3.7	3.7	3.5
4	4.7	4.0	4.2	4.4	4.6	4.7	4.7	4.6	4.7	4.6	4.4	4.2	3.0	3.0	3.1	2.8	2.2	2.6	2.9	3.0	2.9	3.6	3.6	3.5	3.8
5	4.0	4.4	3.9	4.0	4.2	5.1	4.9	3.6	3.8	4.9	4.9	3.9	2.7	2.5	3.5	3.4	3.1	3.5	3.8	3.6	3.1	3.5	3.7	4.4	3.8
6	4.9	4.4	3.6	4.0	3.0	4.2	2.6	3.0	3.8	5.4	5.1	4.4	2.8	2.8	3.9	2.8	2.6	1.9	0.7	1.1	3.0	2.9	3.1	3.5	3.3
7	5.7	6.6	7.0	8.6	9.1	9.5	8.2	7.7	8.4	8.2	6.5	8.6	7.7	7.7	6.4	6.5	5.0	4.7	2.2	1.6	1.2	1.8	2.7	4.2	6.1
8	4.2	2.2	1.7	2.3	2.9	4.7	3.4	4.5	5.6	6.3	6.1	5.9	6.5	6.4	4.6	4.4	4.4	8.7	7.4	6.5	7.6	7.3	7.7	6.1	5.2
9	4.9	3.8	2.8	4.7	3.2	3.6	3.7	4.4	5.3	7.2	6.8	6.0	5.5	4.8	6.4	7.5	6.8	6.0	6.5	6.0	7.9	6.9	5.5	4.1	5.5
10	3.9	3.7	3.2	3.9	4.5	4.5	7.7	6.6	3.6	5.3	7.2	6.6	5.5	4.6	5.1	5.3	4.8	4.4	4.2	4.5	5.0	4.7	4.5	4.0	4.9
11	2.3	3.2	3.6	4.1	4.6	3.1	4.5	3.7	2.2	3.2	3.2	3.6	3.6	4.0	4.2	4.2	3.7	4.1	3.5	3.6	3.9	3.2	2.3	1.6	3.5
12	1.3	1.9	2.5	3.4	3.4	3.7	3.6	3.8	2.3	1.6	1.3	2.2	2.9	3.1	3.0	2.3	2.1	1.9	1.9	1.9	1.3	1.8	2.3	2.2	2.4
13	3.2	3.7	4.6	4.1	3.2	3.0	3.0	2.5	1.3	2.0	2.5	3.0	3.2	3.7	3.4	3.7	3.7	3.2	3.1	3.1	3.1	3.4	2.5	1.6	3.1
14	1.9	1.7	1.9	2.0	2.1	2.6	3.1	2.2	1.3	0.3	2.0	2.7	3.1	3.6	3.9		4.2	4.1	4.5	4.0	4.0	2.9	3.2	3.4	2.6
15	2.3	2.5	3.5	3.6	3.9	4.0	4.0	4.4	3.9	4.6	4.4	4.1	4.1	4.9	5.6	5.7	5.3	4.9	4.7	4.5	3.9	3.7	3.8	4.1	4.2
16	4.4	4.2	5.1	4.6	5.0	5.3	4.9	4.8	3.9	4.0	5.3	5.3	5.3	5.1	5.1	5.5	6.4	6.0	6.4	6.8	6.3	6.5	6.6	6.9	5.4
17	6.0	6.7	6.9	8.3	8.8	6.9	8.0	7.8	7.0	6.6	6.4	6.9	6.9	6.3	6.0	5.5	5.6	5.8	5.9	5.6	5.8	5.9	5.0	4.8	6.6
18	4.8	5.0	4.8	4.2	4.1	3.6	4.0	4.1	4.0	3.6	3.4	3.2	3.1	3.5	3.7	4.0	4.4	4.2	4.4	4.5	4.0	4.1	4.6	4.1	4.1
19	4.2	3.7	1.8	1.3	1.3	1.6	2.0	2.0	1.1	2.9	3.2	3.4	3.1	3.6	3.4	3.5	2.8	2.7	3.1	3.4	2.8	1.2	0.6	1.0	2.5
20	1.3	1.5	1.5	1.6	2.6	2.7	3.0	3.0	2.5	2.2	3.0	2.7	3.4	3.7	3.7	3.4	2.6	2.3	2.6	2.3	1.5	1.6	2.1	3.1	2.5
21	2.5	2.8	2.0	2.3	3.2	2.7	4.2	2.7	1.6	0.7	2.0	2.3	2.6	2.7	2.7	2.3	2.1	2.1	1.7	1.6	1.7	1.7	2.2	1.9	2.2
22	1.8	2.5	2.7	2.6	2.7	3.4	3.0	2.8	2.2	1.9	1.2	1.2	1.8	2.2	2.6	3.2	3.6	3.6	3.2	2.6	2.3	2.1	1.6	2.0	2.4
23	1.9	2.6	2.8	2.0	1.6	2.9	3.2	3.4	2.0	1.3	2.1	2.8	4.1	4.7	4.4	4.4	3.9	3.9	3.1	3.2	2.5	2.5	2.6	2.5	2.9
24	3.2	2.8	2.7	3.4	3.6	2.9	4.7	4.1	5.0	7.5	8.5	8.5	8.3	8.5	7.5	6.5	5.3	4.9	4.4	3.9	4.5	6.8	8.4	7.9	5.6
25	10.2	8.4	5.8	6.6	8.8	9.5	8.7	9.2	9.4	10.4	10.2	11.2	10.8	10.7	10.4	9.9	8.0	5.4	4.2	4.7	5.3	5.3	5.7	5.5	8.1
26	8.8	5.7	5.6	6.8	6.3	5.6	4.2	5.4	5.3	5.3	5.5	6.1	6.3	5.6	4.6	3.9	3.2	2.6	1.6	2.8	2.9	2.5	4.4	5.3	4.7
27	4.9	4.7	5.8	5.6	6.5	5.6	5.0	5.3	4.6	7.6	7.5	8.2	7.9	8.0	6.4	3.9	2.9	2.8	3.4	3.1	2.9	3.7	3.4	3.1	5.1
28	3.9	3.6	5.7	5.6	5.7	6.0	6.0	5.4	3.7	4.9	4.6	3.2	3.4	3.0	3.7	3.7	3.5	2.8	2.2	1.2	1.6	2.6	3.7	3.6	3.9
29	3.9	4.5	5.0	3.6	4.7	4.6	5.9	5.5	7.9	8.3	8.3	8.4	9.1	9.3	6.3	6.4	7.3	9.2	9.1	8.6	9.8	9.6	10.2	9.5	7.2
30	9.5	9.5	10.2	9.9	10.5	9.7	9.7	9.4	7.6	7.0	7.7	7.8	7.5	7.2	7.3	7.4	7.5	6.6	9.3	8.5	7.5	7.5	7.8	7.7	8.4
AVG	4.1	4.0	4.0	4.2	4.5	4.7	4.8	4.6	4.2	4.8	4.9	4.8	4.9	4.9	4.7	4.6	4.2	4.1	3.9	3.8	3.9	4.0	4.1	4.0	4.4
STD	2.1	1.9	1.9	2.0	2.2	2.1	1.9	1.9	2.2	2.4	2.4	2.3	2.3	2.2	1.7	1.8	1.7	1.9	2.1	2.0	2.2	2.1	2.2	1.9	1.7
MAX	10.2	9.5	10.2	9.9	10.5	9.7	9.7	9.4	9.4	10.4	10.2	11.2	10.8	10.7	10.4	9.9	8.0	9.2	9.3	8.6	9.8	9.6	10.2	9.5	8.4
MIN	1.3	1.5	1.5	1.3	1.3	1.6	2.0	1.0	1.1	0.3	1.2	1.2	1.0	2.2	2.6	1.9	1.0	1.9	0.7	1.0	1.0	1.2	0.6	1.0	2.2

EL KASR,EGYPT DECEMBER 1985 10M AGL BNW DATA(M/S)

DAY \ HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	AVG
1	8.7	8.6	8.9	8.7	8.6	8.2	7.4	7.5	7.2	6.6	7.3	7.5	7.0	6.7	6.5	7.4	8.9	6.4	8.7	8.6	5.9	5.1	5.3	6.5	7.2
2	7.8	8.4	7.9	8.2	7.5	7.8	7.2	7.9	8.2	9.1	8.9	6.2	8.2	9.2	6.5	6.2	7.6	7.4	7.3	7.7	8.4	7.4	6.9	7.4	7.9
3	7.9	7.4	8.2	8.0	7.4	6.6	7.6	7.0	6.8	6.6	5.6	4.7	4.6	5.6	6.3	6.5	6.6	6.5	5.4	5.4	5.1	5.6	5.8	5.9	6.4
4	6.1	6.9	7.0	6.8	6.8	6.7	6.9	6.6	5.8	5.3	5.0	5.6	4.2	4.9	4.7	3.9	3.5	3.2	2.9	2.7	2.5	2.9	1.9	1.3	4.8
5	1.6	1.6	2.0	2.6	2.3	2.6	2.6	2.7	3.6	2.1	1.7	1.0	2.2	2.3	2.5	2.5	2.6	2.8	2.8	3.6	2.9	2.5	1.6	1.6	2.3
6	1.3	2.3	2.9	3.0	2.9	2.9	2.6	2.9	2.1	0.6	2.3	2.3	2.1	1.9	2.1	2.3	2.5	2.8	3.5	3.6	3.9	4.2	4.6	4.4	2.7
7	4.2	3.8	4.4	3.7	2.7	3.6	3.5	3.5	3.2	3.8	4.0	3.5	3.5	3.9	3.7	3.9	4.1	5.5	5.4	3.2	4.4	5.3	5.8	5.4	4.0
8	5.1	4.6	4.7	3.9	3.2	2.7	3.7	5.1	4.2	5.1	5.0	4.9	4.9	5.4	5.3	4.6	5.4	5.7	5.1	5.6	5.1	3.9	1.7	1.7	4.5
9	1.7	2.3	2.5	2.8	2.6	3.5	3.2	3.2	2.6	0.8	0.8	1.2	1.3	2.6	2.3	2.5	2.7	2.1	2.0	2.2	1.7	1.3	1.5	2.2	2.2
10	1.7	2.7	2.9	3.7	3.6	3.8	3.5	2.6	2.9	2.1	0.9	1.0	1.7	1.7	4.6	2.1	1.5	0.2	1.2	2.6	2.9	3.4	5.0	3.1	2.5
11	3.2	4.4	4.4	4.0	4.5	3.2	2.9	3.9	3.0	1.7	1.9	3.6	3.0	4.1	4.4	4.5	3.6	3.4	3.4	3.4	3.9	4.6	2.8	3.4	3.5
12	3.7	4.9	5.1	4.9	4.7	4.7	4.9	4.6	4.1	4.6	5.6	6.1	6.1	6.1	6.0	6.3	6.0	5.5	5.3	4.4	4.0	3.5	3.6	3.9	4.9
13	3.4	2.9	2.7	2.0	1.6	3.9	3.1	2.5	3.2	2.7	3.5	4.7	5.3	4.7	5.1	4.9	4.7	3.9	2.7	2.0	2.5	3.0	4.1	3.8	3.5
14	4.0	4.7	4.3	5.1	5.1	4.9	5.0	4.5	5.4	3.5	4.6	4.1	4.6	4.9	5.4	4.6	4.2	2.3	1.7	2.7	3.5	2.8	1.6	1.6	3.9
15	2.7	1.7	1.7	2.1	1.6	2.2	2.6	2.7	2.8	2.5	2.3	2.9	2.8	3.0	3.4	3.1	2.8	4.5	4.4	4.0	3.6	3.0	3.0	2.2	2.8
16	1.1	1.3	2.2	2.6	2.2	2.0	1.2	2.6	1.6	1.0	3.9	3.7	3.9	4.1	3.6	3.6	4.0	3.7	4.1	4.1	4.5	2.6	2.5	2.6	2.9
17	3.2	3.2	6.6	5.9	6.8	7.4	8.3	6.8	9.2	9.6	8.9	7.3	9.5	8.6	7.4	6.1	5.9	6.1	9.2	8.0	10.1	11.1	10.5	10.7	7.9
18	10.6	10.5	10.8	11.7	11.4	11.1	10.4	10.5	9.7	10.1	9.2	8.4	7.4	6.4	7.0	6.6	6.6	7.0	7.0	7.0	6.3	4.1	4.7	5.1	8.3
19	6.5	6.4	7.6	7.7	8.0	9.8	9.5	9.8	6.1	4.8	5.6	6.1	5.7	5.3	4.9	4.6	4.2	3.2	2.8	2.5	2.1	2.6	2.6	3.5	5.5
20	3.0	3.1	2.9	4.9	4.9	5.8	7.7	7.4	7.5	6.0	6.4	6.0	5.7	5.1	5.6	4.9	4.8	2.5	3.4	4.1	4.2	3.5	3.8	5.6	5.8
21	4.7	6.6	7.6	6.9	10.2	10.1	11.3	10.1	9.6	7.3	7.5	6.0	6.4	8.7	9.2	9.7	9.4	9.1	8.7	8.4	7.2	5.3	5.4	6.6	8.0
22	4.2	6.8	4.6	5.7	5.8	4.6	8.6	11.0	7.5	5.3	5.6	7.6	7.6	4.5	3.9	7.7	9.6	7.9	8.0	8.6	7.2	7.5	6.7	8.9	7.1
23	7.2	8.3	8.6	10.4	9.8	9.7	8.8	10.1	10.7	12.0	9.7	8.8	9.2	9.2	9.3	8.7	6.1	4.7	5.6	6.8	7.3	8.6	8.9	7.9	8.6
24	7.0	7.9	8.8	8.8	9.8	8.6	8.6	9.7	9.9	9.8	7.3	7.3	7.2	6.6	6.9	6.3	5.1	3.9	4.5	6.5	5.4	7.9	9.3	8.3	7.6
25	6.7	8.2	9.4	7.4	7.6	8.5	7.4	8.9	9.9	8.3	5.6	5.0	7.3	7.2	7.9	8.4	5.8	6.0	6.9	11.3	7.7	5.8	4.4	5.3	7.4
26	5.5	5.3	5.6	5.8	7.4	6.6	7.6	9.3	8.6	8.7	7.2	6.9	7.5	7.2	7.3	6.6	5.5	4.4	3.9	5.3	6.9	6.9	7.5	8.0	6.7
27	7.7	8.2	8.3	8.4	8.4	8.6	8.6	8.5	9.5	6.7	6.0	6.6	6.7	6.8	7.3	6.4	4.9	3.5	3.2	2.7	4.8	7.0	8.4	9.6	8.9
28	9.2	10.1	9.6	10.7	9.6	9.4	8.8	8.7	8.5	6.3	5.6	6.3	6.8	8.1	5.7	4.8	3.1	2.5	2.1	3.4	4.4	4.4	4.4	5.4	6.5
29	4.7	4.5	4.7	5.4	5.1	4.5	4.2	4.6	4.5	2.6	1.0	0.7	1.5	1.6	1.5	1.9	2.8	3.0	2.3	1.6	2.3	4.2	4.1	4.6	3.3
30	5.0	4.5	5.0	5.0	5.5	5.3	5.1	6.0	5.4	4.0	3.8	5.0	5.4	4.5	5.3	4.6	3.9	3.5	2.8	3.7	4.2	3.2	3.4	3.5	4.5
31	3.9	4.0	4.7	4.6	2.8	3.1	3.7	3.7	1.6	5.6	4.6	3.0													3.7
AVG	4.9	5.4	5.7	5.9	5.8	5.9	6.0	6.3	6.0	5.3	5.1	5.6	5.3	5.3	5.4	5.3	4.9	4.5	4.5	4.8	4.8	4.8	4.7	5.0	5.3
STD	2.5	2.6	2.6	2.8	2.8	2.7	2.7	2.9	2.8	3.0	2.5	2.3	2.3	2.1	2.0	2.1	1.9	2.0	2.1	2.4	2.0	2.2	2.5	2.5	2.0
MAX	10.6	10.5	10.6	11.7	11.4	11.1	11.3	11.0	10.7	12.0	9.7	8.8	9.5	9.2	9.3	9.7	9.6	9.1	9.2	11.3	10.1	11.1	10.5	10.7	8.6
MIN	1.1	1.3	1.7	2.0	1.6	2.0	1.2	2.0	1.6	0.6	0.8	0.7	1.3	1.6	1.5	1.9	1.5	0.2	1.2	1.8	1.7	1.3	1.5	1.6	2.2