

PACIFIC GAS AND ELECTRIC COMPANY
NUCLEAR PLANT OPERATIONS

REPORT ON
DISCHARGE MONITORING AT
DIABLO CANYON POWER PLANT
DURING THE MONTH OF
MARCH 1986

8604280230 860420
PDR ADOCK 05000275
R PDR

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OVERVIEW

During the month of March, discharges were made from discharge paths 001 (main circulating pumps), 001-B, 001-D, 001-E, 001-F, 001-G, 001-H, 001-J, 001-K, 001-L, 002, 003, 004, and 005. No discharges were made from discharge paths 001-A, 001-C nor 001-I.

Chemical, radiochemical and toxicity analyses were performed in accordance with chemical analysis procedures contained in the Diablo Canyon Power Plant, Units 1 and 2 Plant Manual, Volume 8, or by state approved laboratories, or by laboratories approved by the Regional Board staff.

SUMMARY OF MONITORING PROGRAM

A. Monitoring of Plant Influent and Effluent

1. Results of monitoring of plant influent and effluent in March are reported on Form Q-2's found in Appendix 1.
2. A static bioassay of Discharge 001 is performed quarterly in January, April, July, and October.

B. Monitoring of Receiving Waters

1. Ecological Studies at Diablo Canyon

Ecological studies in accordance with the Thermal Effects Monitoring Program (Provision D.4) continue.

2. Sediment Analysis

Sediment samples are collected in September.

3. Aerial Photography of Kelp Beds

Aerial photography (infrared film type 2443) of kelp beds in the vicinity of Diablo Canyon is required in February, June and October.

4. Surface Water Temperature

Measurement of surface water temperatures will begin in April 1986.

5. Stratified Water Temperatures

Stratified water temperatures are measured in February, June, and October.

6. pH and Dissolved Oxygen of Receiving Waters

Monitoring of pH and dissolved oxygen in the receiving waters is scheduled in February, June, and October.

7. Incident Light Measurements

Incident light measurements for the first quarter of 1986 are reported in Appendix 2. Also included are data from December 1985, which were not previously reported. A map of light meter locations is also included.

8. In situ Bioassay

Results of the Mussel Watch program will be reported to the Board directly from the California Department of Fish and Game in their periodic report for this program.

APPENDIX 1

Influent and Effluent Monitoring

March 1986

INSTRUCTIONS FOR DISCHARGER

1. Remove COPY 4 (dark yellow) and use for your worksheet
2. Use ballpoint pen or typewriter for data entry on forms
3. Provide dates for beginning and ending in reporting period blocks
4. Provide data as specified under column headings
5. Enter monthly summary data (MONTHLY AVERAGE, MONTHLY HIGH, etc.)
6. Appropriate signature is required at the bottom of the form
7. Remove COPY 3 and retain for your records
8. Send COPY 2 to EPA, Region 9, San Francisco and COPY 1 to:

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

DISCHARGER SELF MONITORING REPORT

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
1102A LAUREL LANE
SAN LOUIS OBISPO, CA 93401

PACIFIC GAS AND ELECTRIC CO
DIABLO CYN NUCLEAR POWER PLANT

P O BOX 56
AVILA BEACH
93424

CALIF

YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST
BE SUBMITTED BY 15 DAYS FOLLOWING THIS PERIOD

Transaction Code Q2 Facility ID 342000001 Year Month for this report 03/03/01 Reporting Period Beginning 02/03/01 Ending 06/03/01 State Code 06 NPDES Permit Number 0003751 Date form was computer printed 03/12/03 PAGE 1

STATION DESCRIPTION		INFLUENT		EFFLUENT 001		EFFLUENT 001		INFLUENT		EFFLUENT 001		EFFLUENT 002		EFFLUENT 003		EFFLUENT 004	
CONSTITUENT NAME		TEMPERATURE		TEMPERATURE		FLOW		PH		PH		PH		PH		PH	
UNITS		DEGREES F		DEGREES F		MGD		PH UNITS		PH UNITS		PH UNITS		PH UNITS		PH UNITS	
SAMPLE TYPE		METERED		METERED		RECORDED		GRAB		GRAB		GRAB		GRAB		GRAB	
FREQUENCY		CONTINUOUS		CONTINUOUS		DAILY		MONTHLY		MONTHLY		MONTHLY		MONTHLY		MONTHLY	
MONTH	DAY	*	0001	*	0001	*	50050	*	00403	*Grab	Monitor	*	00403	*	00403	*	00403
March	1		56.5		73.5		2460				7.95						
	2		56.0		73.5		2460				7.90						
	3		55.5		72.5		2460	1	7.98	1	7.96						
	4		56.0		72.5		2410				7.85						
	5		56.0		73.0		2280				7.85						
	6		55.0		70.0		1830				7.85						
	7		55.5		68.0		1950				7.90						
	8		56.5		70.5		2220				7.90						
	9		56.0		71.5		2460				7.95						
	10		57.0		72.0		2330				7.95						
	11		57.0		73.0		2200				7.95						
	12		56.0		70.0		2160				8.00			1	8.02	1	7.98
	13		55.5		71.5		2460				8.05						
	14		55.5		68.0		2210				8.05						
	15		54.0		61.0		2170				8.00						
	16		55.5		61.5		2460				8.00						
	17		55.0		66.0		2460				7.90						
	18		53.0		70.5		2460				7.90						
	19		54.5		71.5		2460				7.90						
	20		54.0		72.0		2460				7.85						
	21		52.5		71.5		2460				7.90						
	22		53.0		72.0		2460				7.90						
	23		53.0		72.0		2460				7.85						
	24		54.0		71.5		2460				7.80						
	25		53.5		71.0		2460				7.80	1	7.93				
	26		54.0		72.0		1980				7.80						
	27		54.5		69.0		2460				7.80						
	28		55.0		69.5		2460				7.80						
	29		55.0		69.5		2220				7.85						
	30		55.0		71.0		1650				7.80						
	31		54.0		64.5		1840				7.80						
+ MONTHLY AVERAGE			55.0		70.0		2299				7.90						
MONTHLY HIGH			57.0		73.5		2460				8.05						
MONTHLY LOW			52.5		61.0		1650				7.80						
TOTAL RECORDINGS - MO			31		31		31				31						
REQUIREMENT #1																	
Times Exceeded																	
REQUIREMENT #2																	
Times Exceeded																	
REQUIREMENT #3																	
Times Exceeded																	

* Enter number of samples taken during this day

Report Name of Principal Executive Officer
SHIFFER JAMES D.

I certify under penalty of law that I have personally expressed and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the information is true, accurate, and complete.

John Taylor 4/8/86 REGIONAL

INSTRUCTIONS FOR DISCHARGER

1. Remove COPY 4 (dark yellow) and use for your worksheet.
2. Use ballpoint pen or typewriter for data entry on forms.
3. Provide dates for beginning and ending in reporting period blocks.
4. Provide data as specified under column headings.
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DISCHARGER SELF MONITORING REPORT

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
1102A CAUNCE LANE
SAN LUIS OBISPO, CA 93401

PACIFIC GAS AND ELECTRIC CO
DIABLO CYN NUCLEAR POWER PLANT
P O BOX 56
AVILA BEACH
9424 CALIF

YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST
BE SUBMITTED BY 15 DAYS FOLLOWING THIS PERIOD.

Transaction Code 3 Facility ID 400000001 Year Month Day 10/02/01 Reporting Period Beginning 10/02/01 Ending 06/03/01 State Code 06 NPDES Permit Number 0003751 Date form was computer printed 02/12/03 PAGE 2

STATION DESCRIPTION	INFLUENT	EFFLUENT 001	EFFLUENT 001	EFFLUENT 001	EFFLUENT 001	INFLUENT	EFFLUENT 001	EFFLUENT 001
CONSTITUENT NAME	TURBIDITY	TURBIDITY	T CHLOR RES	FREE AVL CHL	CHLORINE USED	OIL & GREASE	OIL & GREASE	OIL & GREASE
UNITS	NTU	NTU	UG/L	UG/L	LBS/DAY	MG/L	MG/L	MG/L
SAMPLE TYPE	GRAB	GRAB	GRAB	GRAB	RECORDED	GRAB	GRAB	GRAB
FREQUENCY	MONTHLY	MONTHLY	2 PER CYCLE	2 PER CYCLE	MONTHLY	MONTHLY	MONTHLY	MONTHLY
MONTH DAY	* 8.079	* 8.079	* 2	* 2	* 50059	* 00552	* 00552	* 00552
March 1								
2								
4	1 0.63	1 0.88					1 9	
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								4 21
27								1 19
28								
29								
30								
31								
+ MONTHLY AVERAGE								
MONTHLY HIGH								
MONTHLY LOW								
TOTAL RECORDINGS, MO								
REQUIREMENT #1			0 MAX 200	0 MAX 200				0 MAX 15
Times Exceeded								1
REQUIREMENT #2			1 MAX 200	0 MAX 500				0 MAX 20
Times Exceeded								1
REQUIREMENT #3								
Times Exceeded								

* Enter number of samples
taken during the day

Typed Name of Principal Executive Officer
SHIFFER JAMES D.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are legal consequences for providing false or misleading information.

John Taylor
Regional Board Copy

4/886

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BOARD COPY 1

REMARKS: OIL & Grease - Oily Water Separator was out of service from 3-28 to 4-2. Subsequent sampling frequency was increased when Oily Water Separator was back in service. Most recent daily analysis are below monthly average values.

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DISCHARGER SELF MONITORING REPORT

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 CONTROL BOARD
 CENTRAL COAST REGION
 1824 CAUSEWAY
 SAN LUIS OBISPO, CA 95401

PACIFIC GAS AND ELECTRIC CO
 Diablo Canyon Nuclear Power Plant

P O BOX 50
 AVILA BEACH
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Q2 Transaction Code 00000000 Facility ID 00000000 Year 00 Month 00 for this report 00 Reporting Period

Beginning Year 00 Mo 03 Day 01

Ending Year 00 Mo 03 Day 31 State Code 06

NPDES Permit Number 0003751

PAGE 3

Date form was computer printed 00/12/03

STATION DESCRIPTION	INFLUENT	EFFLUENT 001	EFFL 0011	EFFL 001C	EFFL 001D	EFFL 001F	EFFL 001G	EFFL 001H
CONSTITUENT NAME	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE
UNIT	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLE TYPE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
FREQUENCY	JA/AP/JUL/O	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
MONTH DAY	* 00530	* 00530	* 00530	* 00530	* 00530	* 00530	* 00530	* 00530
March 1								
2								
3		1	3.3					
4								
5								
6								
7								
8								2 1.8
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
+ MONTHLY AVERAGE								
MONTHLY HIGH								
MONTHLY LOW								
TOTAL RECORDINGS MO								
REQUIREMENT #1								
Times Exceeded								
REQUIREMENT #2								
Times Exceeded								
REQUIREMENT #3								
Times Exceeded								

* Enter number of samples taken during the day

Typed Name of Principal Executive Officer
 SHIFFER JAMES D.

Locally audited pursuant to law that I have personally examined and am familiar with the information submitted on this document and all attachments and that, based on my expertise of these individuals, immediately responsible for preparing this document. I declare that the information is true, accurate and complete. I am

Stan Taylor 4.18.86 REGIONAL

REMARKS: 001F Tnf Residue - See page 2 Remarks.

INSTRUCTIONS FOR DISCHARGER

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DISCHARGER SELF MONITORING REPORT

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CONTROL BOARD
CENTRAL COAST REGION
1102A LAKELAND LANE
SAN LUIS OBISPO, CA 95001

PACIFIC GAS AND ELECTRIC CO.
DIABLO CYN NUCLEAR POWER PLANT

P O BOX 56
AVILA BEACH
95424

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Q2 Transaction Code 00 Facility ID 54100000 Year Month for this report 00 00 00 Reporting Period Beginning 00 00 00 Ending 00 00 00 State Code 06 NPDES Permit Number 0003751 Date form was computer printed 00 00 00 PAGE 4 Year Mo Day

STATION DESCRIPTION	EFFL 001J	EFFL 001K	EFFL 001L	EFFL 001M	EFFL 002	EFFL 003A	INFLUENT	EFFLUENT 001
CONSTITUENT NAME	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	T NF RESIDUE	CHROMIUM	CHROMIUM
UNITS	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
SAMPLE TYPE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
FREQUENCY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY	MONTHLY
MONTH DAY	* 00530	* 00530	* 00530	* 00530	* 00530	* 00530	* 01034	* 01034
March 1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
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23								
24								
25								
26								
27								
28								
29								
30								
31								
REMARKS								
+	MONTHLY AVERAGE							
	MONTHLY HIGH							
	MONTHLY LOW							
	TOTAL RECORDINGS MO							
	REQUIREMENT #1							
	Times Exceeded							
	REQUIREMENT #2							
	Times Exceeded							
	REQUIREMENT #3							
	Times Exceeded							

REMARKS

* Enter number of samples
taken during the day

Typed Name of Principal Executive Officer
SHIFFER JAMES D.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the same is true and correct, and complete. I am aware that there are severe penalties for knowingly providing false information, including the possibility of fines.

John Taylor 4.18.86

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BOARD COPY 1

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CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

DISCHARGER SELF MONITORING REPORT

CALIFORNIA REGIONAL WATER QUALITY
CONTROL BOARD
CENTRAL COAST REGION
1100A LAUREL LANE
SAN LUIS OBISPO, CA 95061

PACIFIC GAS AND ELECTRIC CO
DIABLO CYN NUCLEAR POWER PLANT

P O BOX 56
VILA BEACH
94294

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YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST
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Transaction Code Q2 Facility I.D. 341-005001 Year Month for this report 06/05/01 Reporting Period Beginning 06/05/01 Ending 06/05/01 State Code 06 NPDES Permit Number 0003751 Date form was computer printed 05/12/03 PAGE 5

STATION DESCRIPTION	INFLUENT	EFFLUENT 001	INFLUENT	EFFLUENT 001	INFLUENT	EFFLUENT 001	INFLUENT	EFFLUENT 001
CONSTITUENT NAME	COPPER	COPPER	NICKEL	NICKEL	ZINC	ZINC	AMMONIA (N)	AMMONIA (N)
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
SAMPLE TYPE	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB	GRAB
FREQUENCY	JA/AP/JUL/0	MONTHLY	JA/AP/JUL/0	MONTHLY	JA/AP/JUL/0	MONTHLY	JA/AP/JUL/0	MONTHLY
MONTH DAY	* 01042	* 01042	* 01067	* 01067	* 01092	* 01092	* 01092	* 01092
March 1								
2								
3	1	1	1	2	1	19	1	40
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
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21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
REMARKS								
+ MONTHLY AVERAGE								
MONTHLY HIGH								
MONTHLY LOW								
TOTAL RECORDINGS MO								
REQUIREMENT #1								
Times Exceeded								
REQUIREMENT #2								
Times Exceeded								
REQUIREMENT #3								
Times Exceeded								

* Enter number of samples
taken during the day.

Typed Name of Principal Executive Officer
SHIFFER JAMES D.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that based on my review of those documents I am immediately responsible for ensuring the information therein is that the information is true, accurate, and complete. I am:

John Taylor 4.18.06 REGIONAL

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD DISCHARGER SELF MONITORING REPORT

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CALIFORNIA REGIONAL WATER QUALITY
CENTRAL COAST REGION
1102 LAUREL CANYE
SAN JOSE, CALIF. 95128

PACIFIC GAS AND ELECTRIC CO
DALLAS CITY NUCLEAR POWER PLANT

P O BOX 50
AVILA BEACH
93424

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YOUR REPORTING PERIOD IS MONTHLY AND YOUR REPORTS MUST
BE SUBMITTED BY 15 DAYS FOLLOWING THIS PERIOD.

Q2 Transaction Code Facility ID 5 402063004 Year Month for this report Reporting Period Beginning Year Mo Day 01 03 31 Ending Year Mo Day 06 03 31 State Code 06 NPDES Permit Number 0603151 Date form was computer printed Year Mo Day 05 12 04

REMARKS: February LRW 001D Composite (2-1-86 to 2-28-86) was analyzed for Boron and Lithium on April 4.

STATION DESCRIPTION		EFFLUENT 001	EFFL 0010	EFFL 0010	EFFL 000				
CONSTITUENT NAME		TITANIUM	LITHIUM	BORON	HYDRAZINE				
UNITS		UG/L	UG/L	UG/L	UG/L				
SAMPLE TYPE		GRAB	MONTHLY COMP	MONTHLY COMP	GRAB				
FREQUENCY		MONTHLY	MONTHLY	MONTHLY	MONTHLY				
	MONTH DAY	*	*	*	*	*	*	*	*
REMARKS: February LW 0010 Composite (2-1-86 to 2-28-86) was analyzed for Boron and Lithium on April 4.	March 1								
	2								
	3				3	15			
	4	1	<10		1	25			
	5				1	<5			
	6				2	<5			
	7				1	40			
	8				1	<5			
	9				1	<10			
	10				2	<5			
	11				1	20			
	12				3	18			
	13				1	28			
	14				2	<10			
	15				2	<10			
	16				2	27			
	17				2	11			
	18				3	565			
	19				1	<5			
	20				3	5.02E3			
	21								
	22				1	110			
	23				1	<5			
	24				1	550			
	25				2	150			
	26				2	8			
	27				2	45			
	28				1	<10			
	29				1	<10			
	30				2	25			
	31								
+ MONTHLY AVERAGE			48	4.80E5	249				
MONTHLY HIGH					5.02E3				
MONTHLY LOW					<5				
TOTAL RECORDINGS MO					45				
REQUIREMENT #1									
Times Exceeded									
REQUIREMENT #2									
Times Exceeded									
REQUIREMENT #3									
Times Exceeded									

* Enter number of samples taken during the day

Typed Name of Principal Executive Officer
SHIFFER JAMES D

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that based on my review of those individuals' institutional responsibility for obtaining this information, I believe that the information is true, accurate, and complete. I am submitting this information to the Department of Education for the purpose of the Department's review of the information submitted.

Loni Taylor

4.1886	REGIONAL
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APPENDIX 2

Incident Light Measurements

First Second Quarter 1986

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 DEC 85 TO 31 DEC 85
STATION: 07 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of DEC 1985

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	30	12.5	30	2	374	6242	7.4	1.3	15.2	9.8
0800	79	30.0	110	2	2371	124103	26.1	2.9	35.9	24.2
0900	86	56.8	220	2	4889	535037	55.0	5.9	68.7	45.0
1000	88	91.8	289	2	8076	1307940	80.7	8.6	109.0	74.6
1100	88	116.1	337	2	10216	1987970	96.0	10.2	136.6	95.7
1200	88	125.8	348	2	11066	2252380	99.5	10.6	147.0	104.5
1300	86	126.7	325	2	10894	2031100	87.5	9.4	145.5	107.8
1400	85	94.9	238	2	8067	1133470	66.2	7.2	109.3	80.6
1500	79	59.6	151	2	4706	404310	39.9	4.5	68.5	50.6
1600	71	19.5	74	5	1385	40859	14.1	1.7	22.3	16.2
1700	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1800	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
 STATION: 07 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of JAN 1986

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	27	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	50	5.7	23	0	283	3409	6.1	0.9	7.4	3.9
0800	89	26.5	94	0	2358	99980	20.6	2.2	30.9	22.1
0900	90	60.4	204	0	5433	498775	43.8	4.6	69.6	51.1
1000	93	87.0	209	0	8088	1042080	60.7	6.3	99.6	74.4
1100	93	112.7	328	0	10479	1776380	80.5	8.3	129.4	96.0
1200	93	132.0	340	0	12274	2524520	99.2	10.3	152.5	111.4
1300	93	128.9	340	0	11992	2288060	89.8	9.3	147.6	110.3
1400	92	104.1	255	0	9580	1516460	75.5	7.9	119.9	88.4
1500	91	62.9	194	0	5720	565392	47.8	5.0	72.9	52.8
1600	86	25.4	101	0	2184	94688	21.5	2.3	30.0	20.8
1700	41	3.6	21	0	148	1578	5.1	0.8	5.2	2.0
1800	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	30	0.0	0	0	0	0	0.0	0.0	0.0	0.0

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
STATION: 07 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of FEB 1986

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	84	1.3	21	0	110	1438	3.9	0.4	2.2	0.4
0800	84	10.3	63	0	866	27444	14.9	1.6	13.6	7.1
0900	84	21.5	129	0	1803	113463	30.0	3.3	28.0	14.9
1000	84	33.6	164	0	2822	246612	42.8	4.7	42.9	24.3
1100	84	50.3	293	0	4226	574422	66.0	7.2	64.7	35.9
1200	84	60.2	244	0	5057	767043	74.7	8.1	76.5	43.9
1300	84	56.2	261	0	4724	690648	71.6	7.8	71.9	40.6
1400	84	52.6	244	0	4418	610652	67.5	7.4	67.3	37.9
1500	84	38.0	203	0	3194	332012	50.4	5.5	49.0	27.0
1600	84	18.0	107	0	1516	84164	26.2	2.9	23.8	12.3
1700	84	3.0	41	0	249	5693	7.7	0.8	4.7	1.3
1800	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0

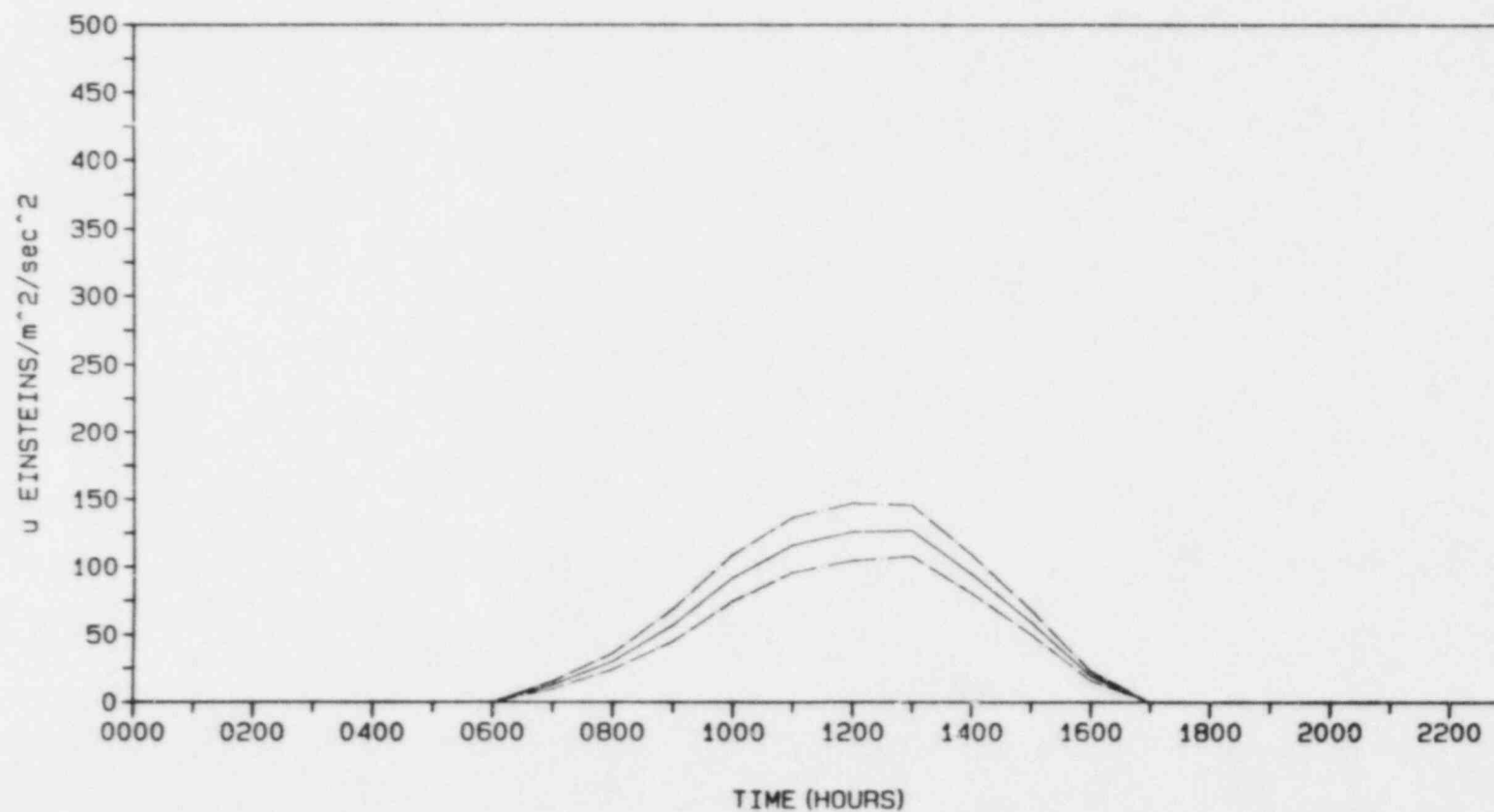
MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
 STATION: 07 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of MAR 1986

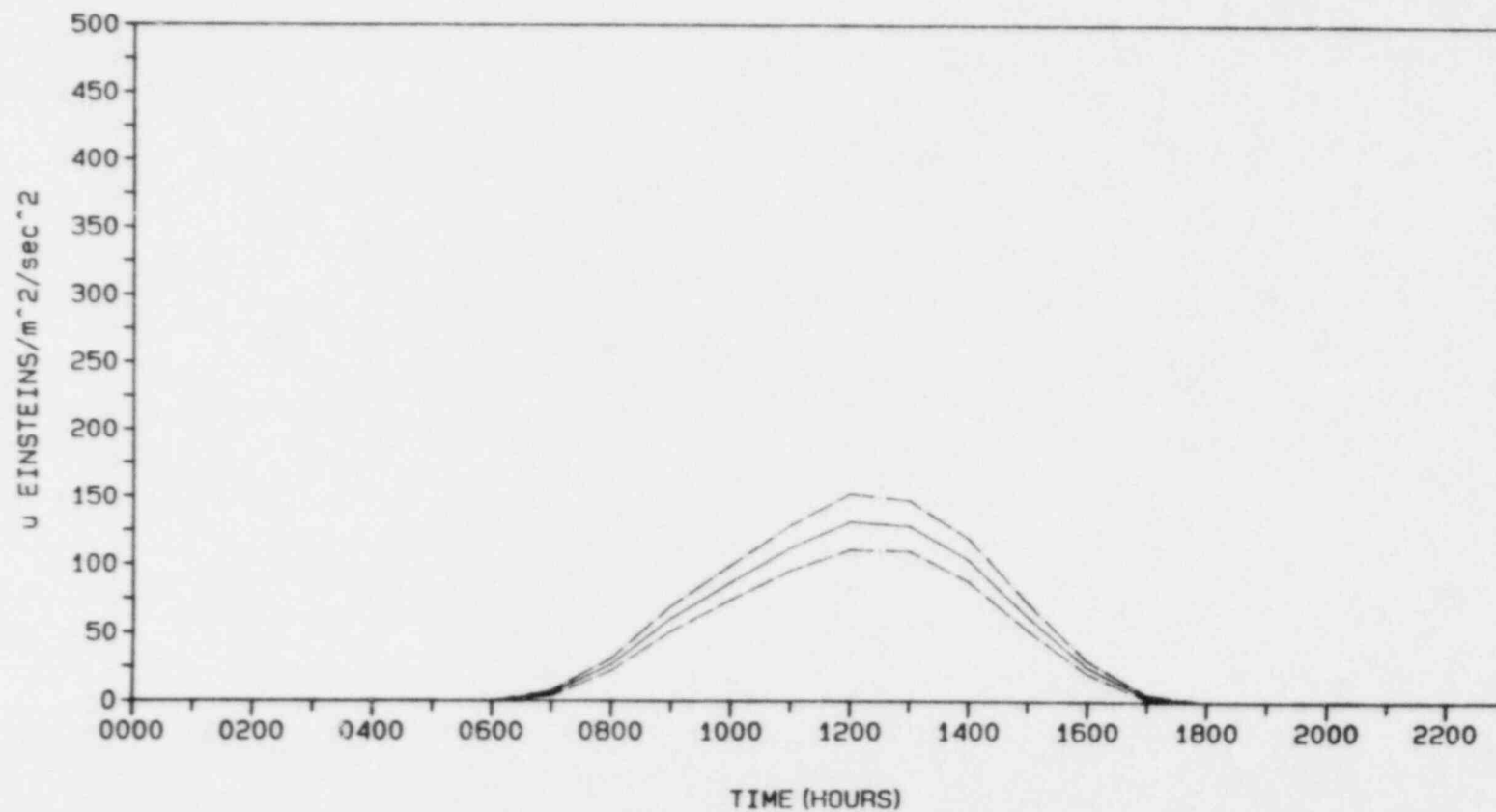
HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	57	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	57	8.0	60	0	454	14142	13.7	1.8	11.6	4.3
0800	57	26.5	162	0	1509	125059	39.0	5.2	36.8	16.1
0900	57	47.4	252	0	2701	376637	66.6	8.8	65.0	29.7
1000	54	68.7	381	0	3712	756044	97.2	13.2	95.2	42.3
1100	54	100.7	417	0	5437	1295090	118.8	16.2	133.0	68.4
1200	54	114.6	415	0	6186	1541370	125.3	17.1	148.7	80.4
1300	54	110.0	379	0	5941	1453110	122.8	16.7	143.4	76.6
1400	54	86.2	335	0	4762	923570	97.5	13.3	114.7	61.7
1500	54	62.3	222	0	3362	480066	71.5	9.7	81.7	42.8
1600	54	31.6	143	0	1705	137673	39.8	5.4	42.4	20.7
1700	54	7.3	51	0	395	11931	13.1	1.8	10.9	3.8
1800	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	54	0.0	0	0	0	0	0.0	0.0	0.0	0.0

HOURLY MEAN SUBTIDAL LIGHT IN NORTH DIABLO COVE

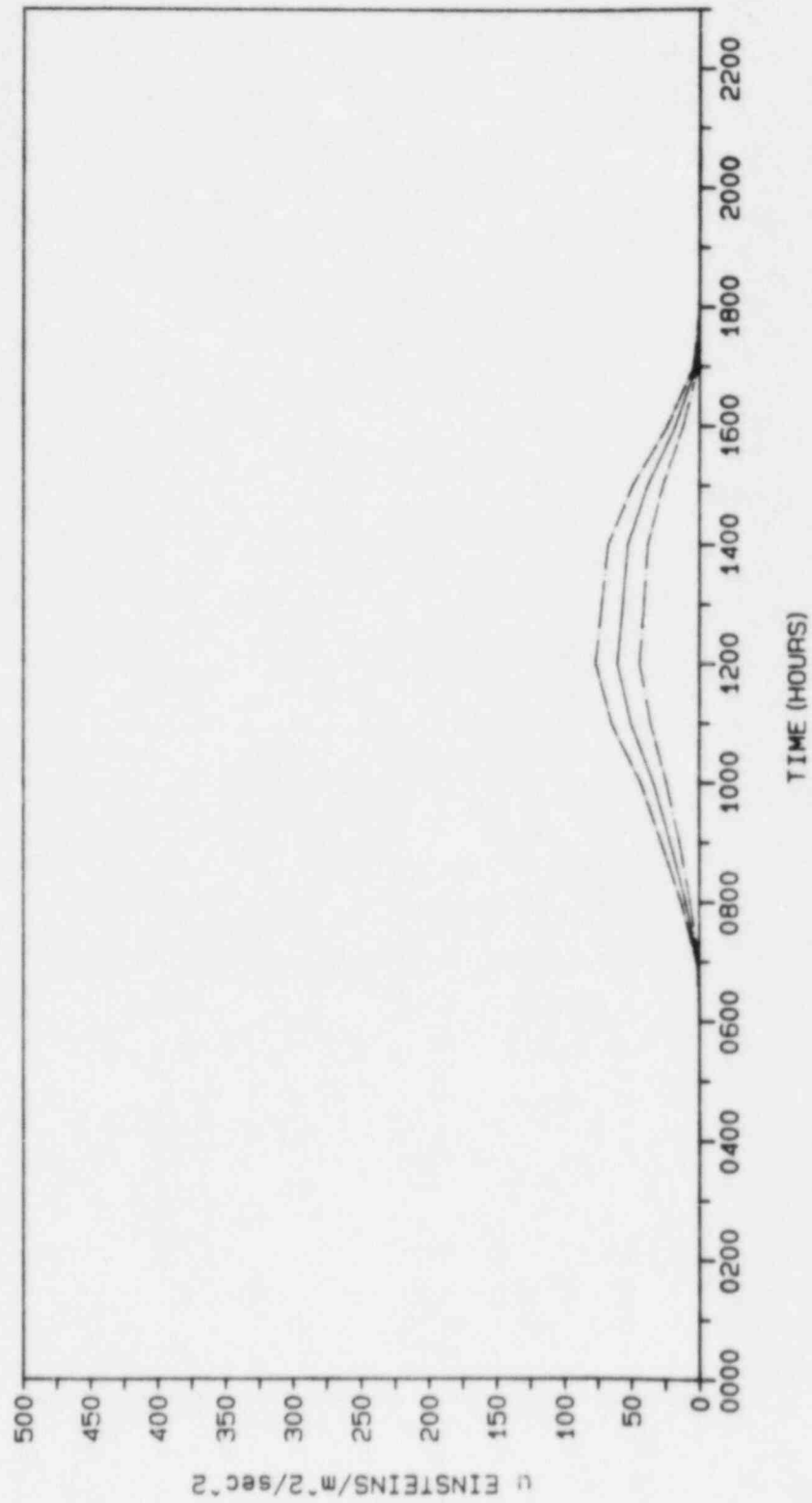
(Station 07-10) DECEMBER 1985



HOURLY MEAN SUBTIDAL LIGHT IN NORTH DIABLO COVE
(Station 07-10) JANUARY 1986

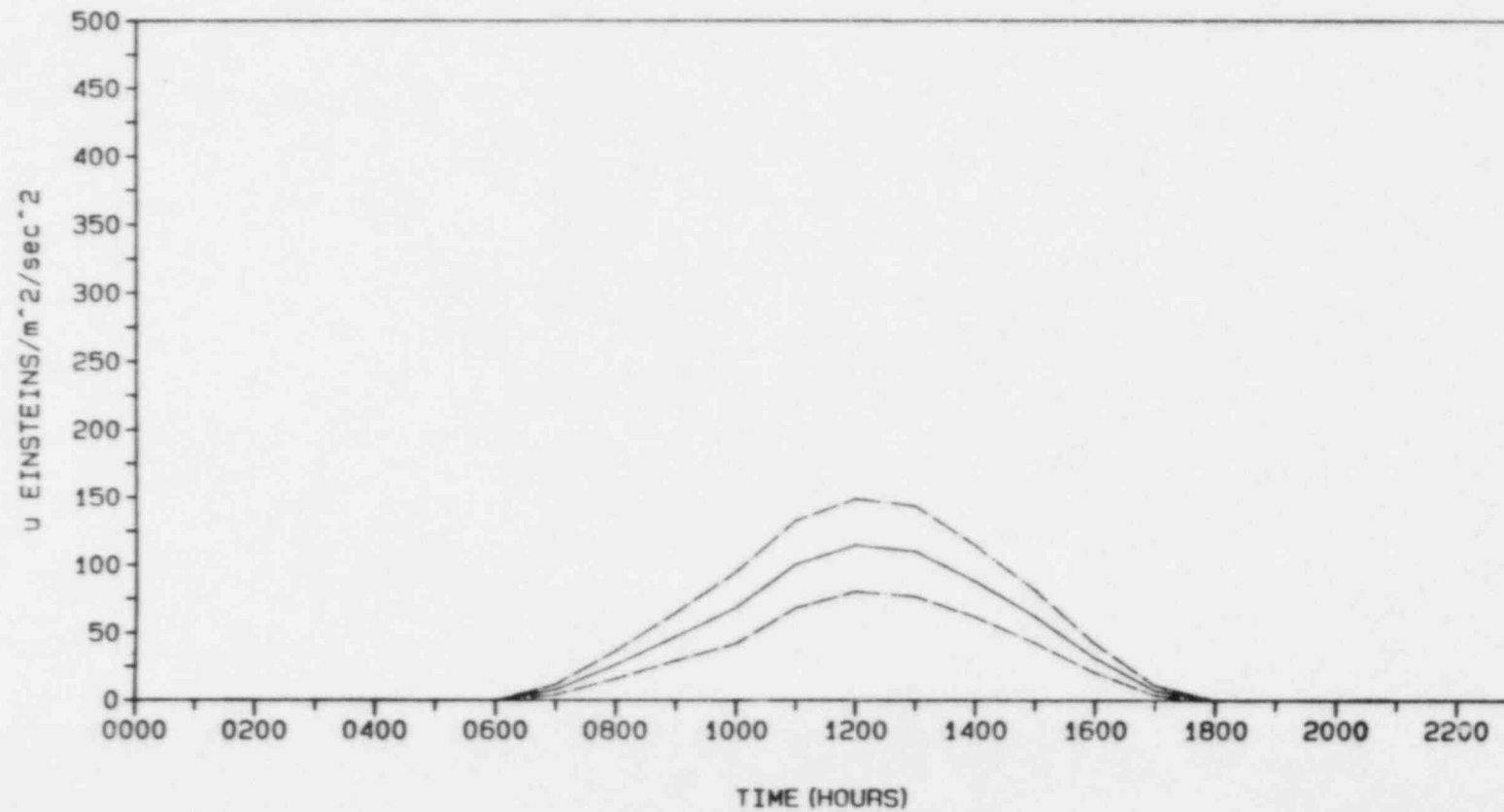


HOURLY MEAN SUBTIDAL LIGHT IN NORTH DIABLO COVE
(Station 07-10) FEBRUARY 1986



HOURLY MEAN SUBTIDAL LIGHT IN NORTH DIABLO COVE

(Station 07-10) MARCH 1985



MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 DEC 85 TO 31 DEC 85
 STATION: 11 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of DEC 1985

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	SID.STD	SID.ERR	+2 SID.ERR	-2 SID.ERR
0000	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	41	7.9	19	0	324	3310	4.3	0.7	9.3	6.6
0800	80	20.9	92	0	1671	68729	20.7	2.3	25.5	16.3
0900	88	44.4	180	0	3910	344368	44.3	4.7	53.9	35.0
1000	90	77.5	251	0	6973	970477	69.5	7.3	92.1	62.8
1100	91	103.2	270	2	9387	1539670	79.7	8.4	119.9	86.4
1200	93	106.3	273	2	10074	1757900	85.1	8.8	126.0	90.7
1300	93	107.0	314	0	9947	1838200	91.7	9.5	126.0	87.9
1400	92	83.7	262	0	7696	1044670	66.4	6.9	97.5	69.8
1500	90	53.4	174	0	4809	412481	41.8	4.4	62.2	44.6
1600	78	17.9	69	2	1397	42563	15.1	1.7	21.3	14.5
1700	12	5.7	8	0	68	472	2.8	0.8	7.3	4.0
1800	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	0	0.0	0	0	0	0	0.0	0.0	0.0	0.0

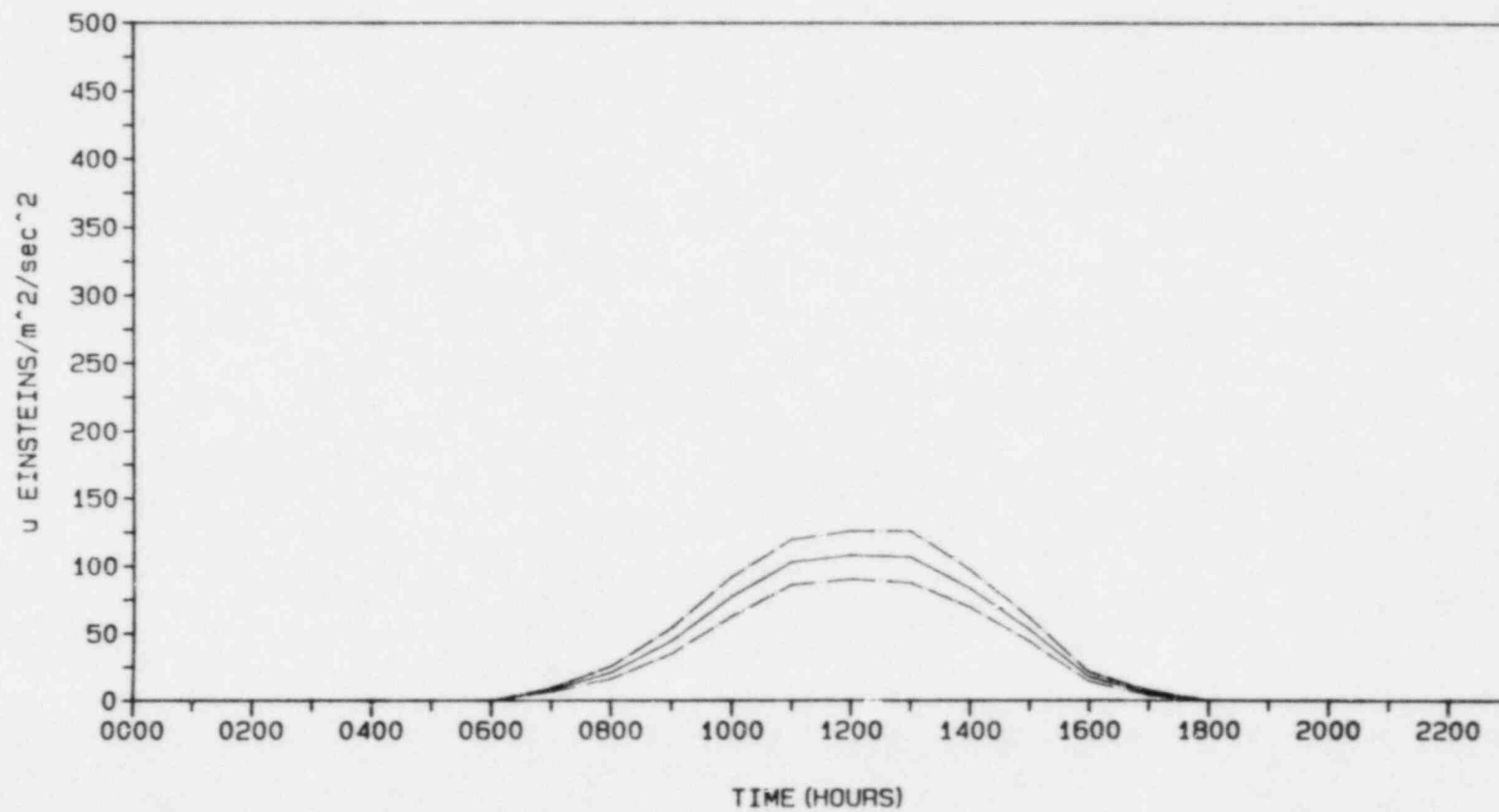
MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
STATION: 11 LEVEL: 10 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of JAN 1986

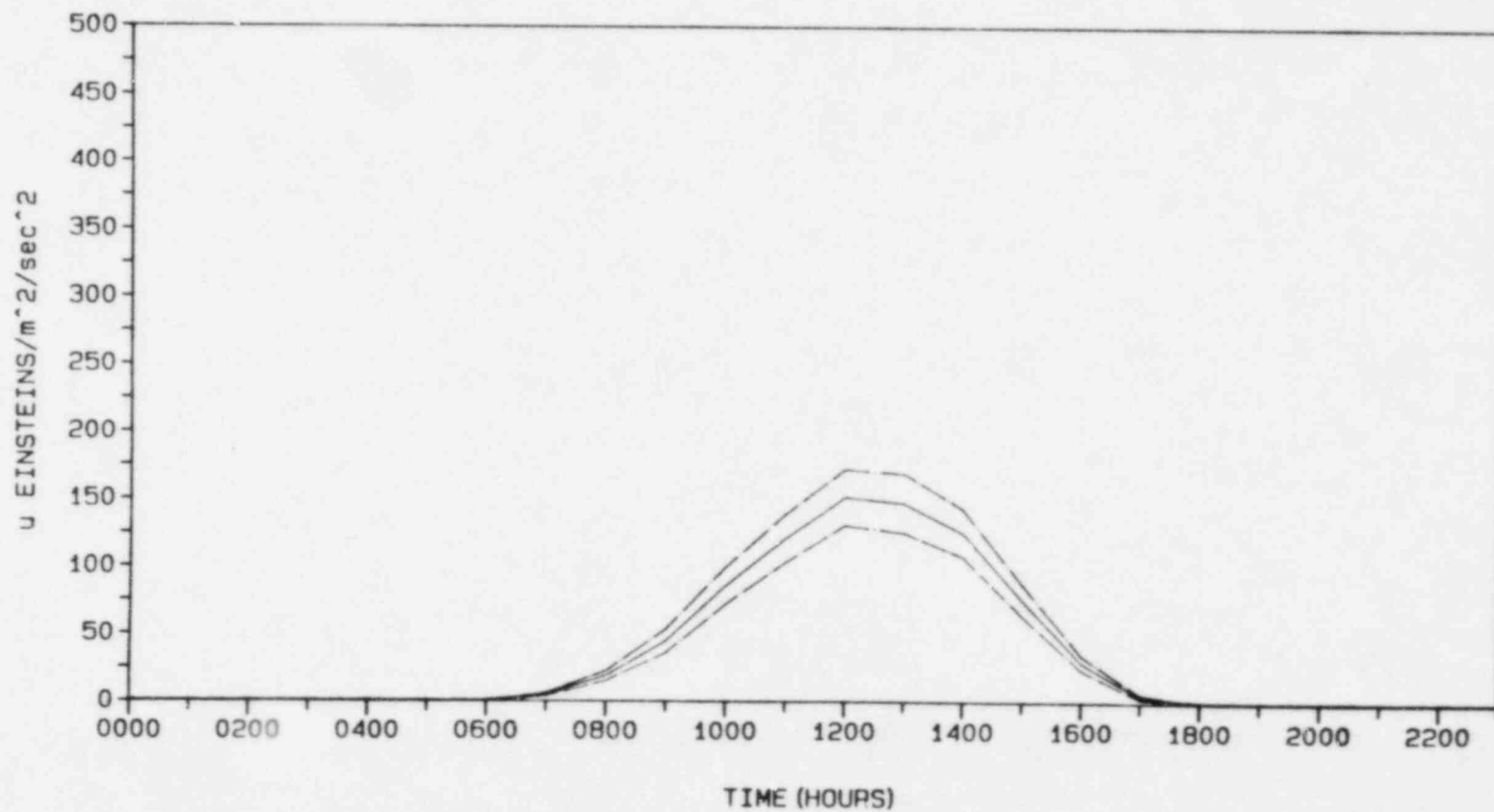
HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0100	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0200	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0300	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0400	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0500	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0600	42	1.0	1	1	42	42	0.0	0.0	0.0	0.0
0700	69	5.1	19	1	349	3305	4.8	0.6	6.2	3.9
0800	92	19.1	78	0	1753	60053	17.1	1.8	22.6	15.5
0900	93	45.2	199	1	4207	358327	42.7	4.4	54.1	36.4
1000	93	86.4	209	1	8038	1091690	65.7	6.8	100.1	72.8
1100	93	121.7	289	1	11322	2060440	86.1	8.9	139.6	103.9
1200	92	151.9	345	1	13979	3001420	98.2	10.2	172.4	131.5
1300	93	147.5	390	2	13717	3027160	104.5	10.8	169.2	125.8
1400	92	125.7	329	1	11562	2109540	84.9	8.9	143.4	108.0
1500	93	76.2	272	1	7091	833379	56.4	5.8	87.9	64.5
1600	91	29.7	140	0	2703	135693	24.8	2.6	34.9	24.5
1700	56	4.8	24	1	266	3090	5.8	0.8	6.3	3.2
1800	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0
1900	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0
2000	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0
2100	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0
2200	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0
2300	45	1.0	1	1	45	45	0.0	0.0	0.0	0.0

HOURLY MEAN SUBTIDAL LIGHT IN SOUTH DIABLO COVE

(Station 11-10) DECEMBER 1985



HOURLY MEAN SUBTIDAL LIGHT IN SOUTH DIABLO COVE
(Station 11-10) JANURAY 1986



MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 DEC 85 TO 31 DEC 85
STATION: 11 LEVEL: 15 TYPE OF MEASUREMENT: LIGHT IN UNITS OF u Einsteins

Data for the month of DEC 1985

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	92	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	93	1.5	17	0	136	1410	3.6	0.4	2.2	0.7
0800	93	14.2	80	0	1316	57974	20.7	2.1	18.4	9.9
0900	93	36.5	185	0	3393	308391	44.8	4.6	45.8	27.2
1000	93	58.9	228	0	5477	728381	66.4	6.9	72.7	45.1
1100	93	66.0	292	0	6142	858976	70.2	7.3	80.6	51.5
1200	93	73.6	303	0	6847	1061880	77.9	8.1	89.8	57.5
1300	93	69.9	292	0	6501	954355	73.7	7.6	85.2	54.6
1400	93	52.3	238	0	4861	528061	54.6	5.7	63.6	41.0
1500	93	31.6	122	0	2943	185503	31.7	3.3	38.2	25.1
1600	93	9.7	55	0	906	23996	12.8	1.3	12.4	7.1
1700	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1800	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
 STATION: 11 LEVEL: 15 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of JAN 1986

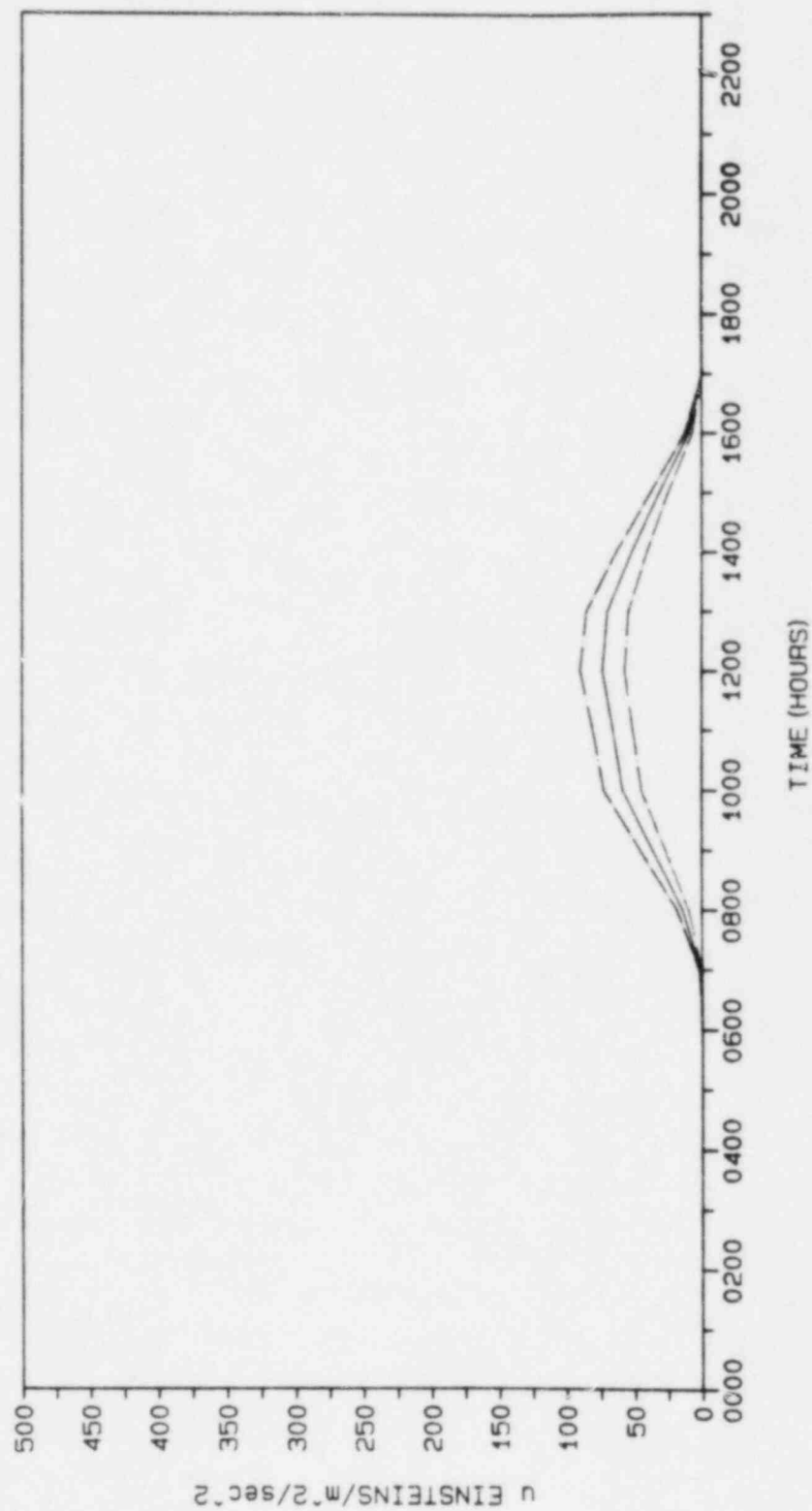
HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	93	2.3	20	0	210	2254	4.4	0.5	3.2	1.3
0800	93	16.0	120	0	1489	52185	17.6	1.8	19.7	12.4
0900	93	39.2	225	0	3641	281925	38.9	4.0	47.2	31.1
1000	93	67.3	210	0	6261	697875	54.8	5.7	78.7	56.0
1100	93	92.3	307	0	8583	1216670	67.9	7.0	106.4	78.2
1200	93	94.8	277	0	8817	1345150	74.4	7.7	110.2	79.4
1300	93	92.1	240	0	8562	1188470	66.0	6.8	105.7	78.4
1400	93	70.9	210	0	6590	720338	52.5	5.4	81.7	60.0
1500	93	42.1	130	0	3912	257328	31.8	3.3	48.7	35.5
1600	93	17.2	67	0	1597	45505	14.0	1.5	20.1	14.3
1700	93	2.1	21	0	193	2297	4.5	0.5	3.0	1.1
1800	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	93	0.0	0	0	0	0	0.0	0.0	0.0	0.0

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
 STATION: 11 LEVEL: 15 TYPE OF MEASUREMENT: LIGHT IN UNITS OF μ Einsteins

Data for the month of FEB 1986

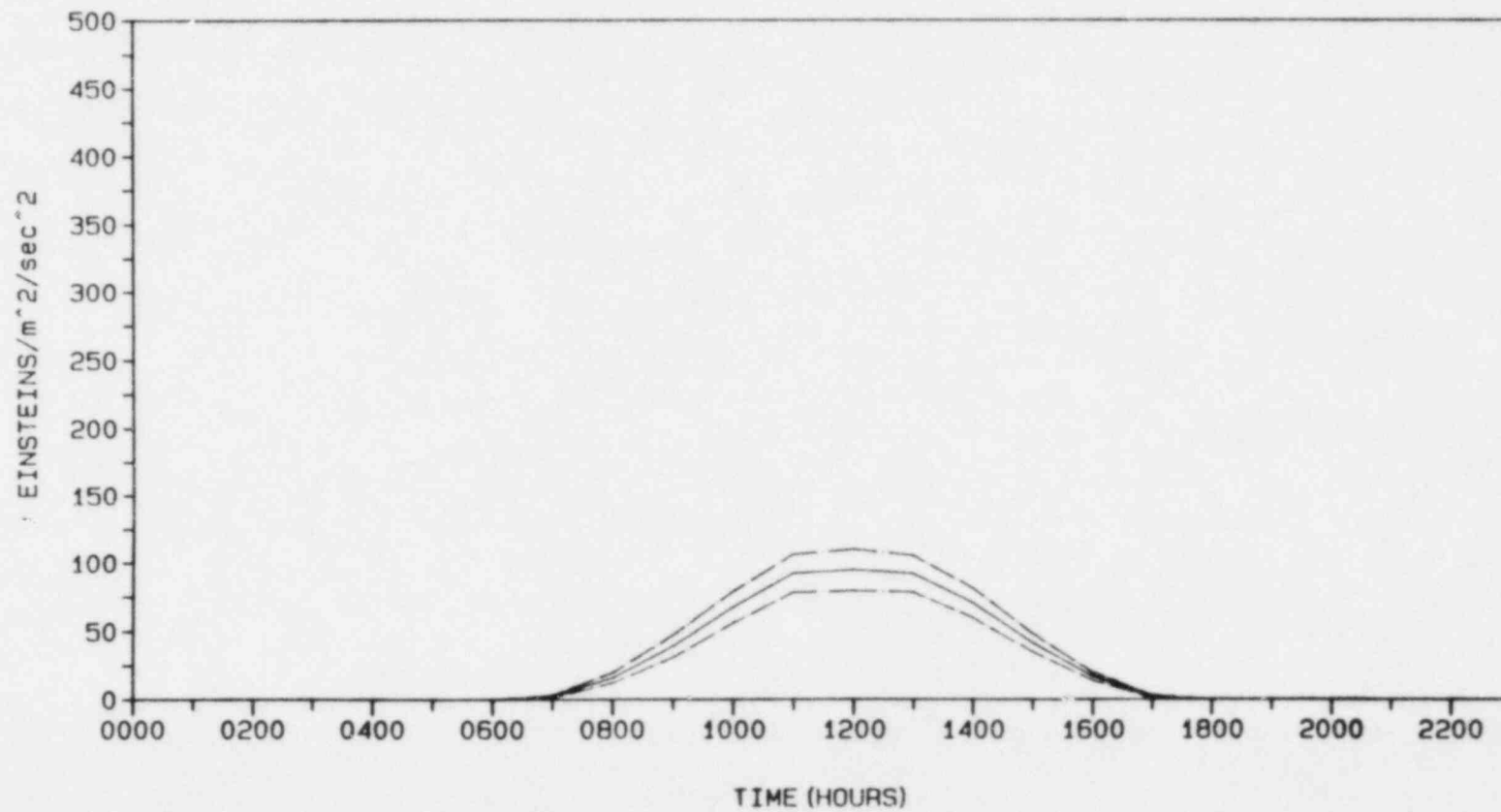
HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+? STD.ERR	-2 STD.ERR
0000	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0100	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0200	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0300	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0400	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0500	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0600	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
0700	84	1.1	11	0	90	874	3.1	0.3	1.7	0.4
0800	84	4.2	29	0	349	5701	7.2	0.8	5.7	2.6
0900	84	7.6	59	0	651	15937	11.5	1.2	10.2	5.3
1000	84	13.9	82	0	1166	46660	19.2	2.1	18.1	9.7
1100	84	19.1	123	0	1604	94944	27.8	3.0	25.2	13.0
1200	84	22.3	160	0	1872	142992	34.9	3.8	29.9	14.7
1300	84	19.3	121	0	1617	109679	30.8	3.4	26.0	12.5
1400	84	20.5	112	0	1720	94728	26.8	2.9	26.3	14.6
1500	84	14.3	78	0	1204	40298	16.7	1.8	18.0	10.7
1600	84	9.1	59	0	764	18806	12.0	1.3	11.7	6.5
1700	84	2.2	18	0	182	1960	4.3	0.5	3.1	1.2
1800	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
1900	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2000	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2100	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2200	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0
2300	84	0.0	0	0	0	0	0.0	0.0	0.0	0.0

HOURLY MEAN SUBTIDAL LIGHT IN SOUTH DIABLO COVE
(Station 11-15) DECEMBER 1985



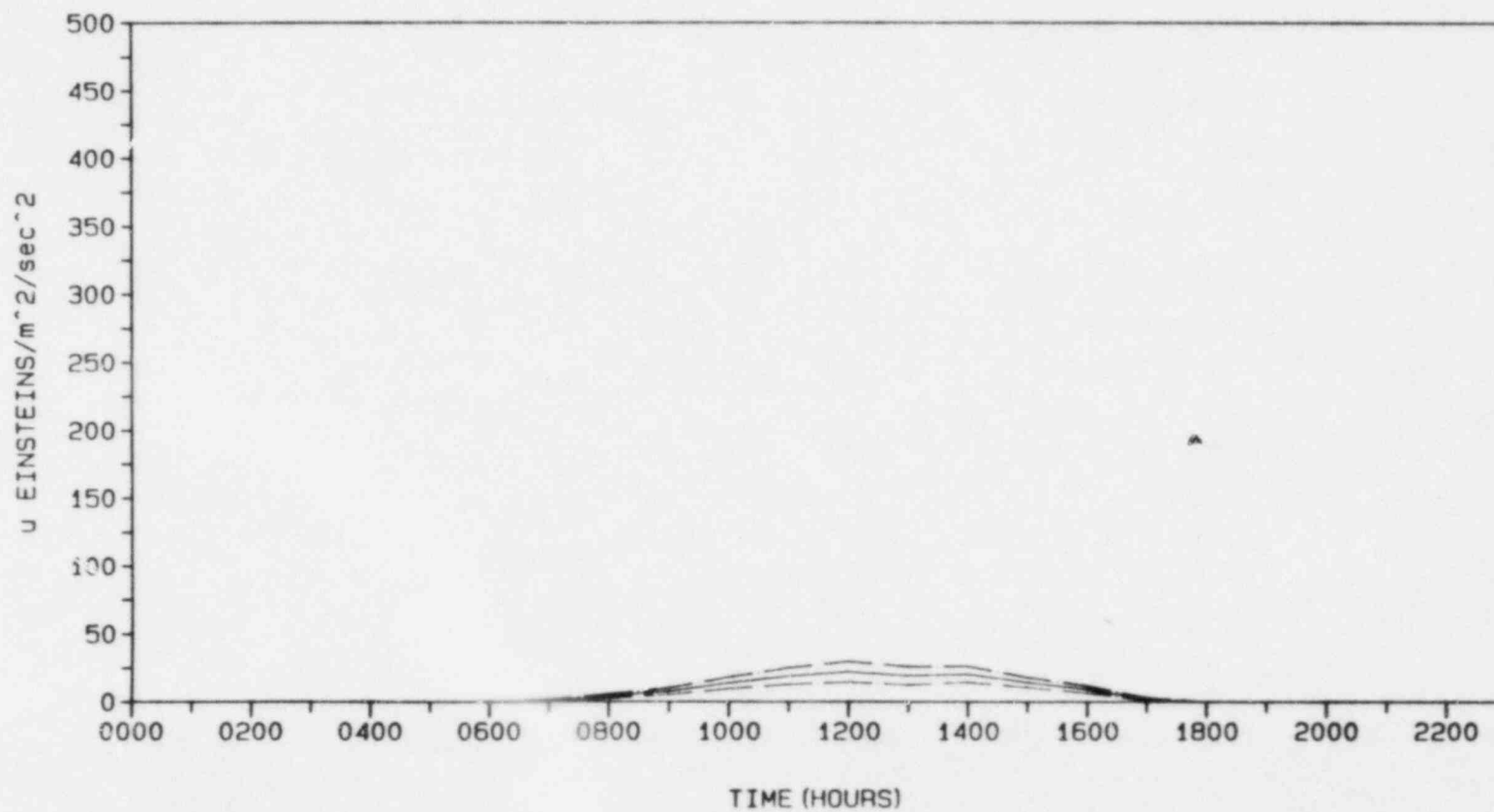
HOURLY MEAN SUBTIDAL LIGHT IN SOUTH DIABLO COVE

(Station 11-15) JANUARY 1986



HOURLY MEAN SUBTIDAL LIGHT IN SOUTH DIABLO COVE

(Station 11-15) FEBRUARY 1986



MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 DEC 85 TO 31 DEC 85
 STATION: 99 LEVEL: 35 TYPE OF MEASUREMENT: SOLAR IN UNITS OF u Einsteins

Data for the month of DEC 1985

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	90	27.1	35	19	2442	68218	4.7	0.5	28.1	26.1
0100	90	27.2	35	19	2452	68764	4.7	0.5	28.2	26.3
0200	90	27.1	35	19	2439	68095	4.7	0.5	28.1	26.1
0300	90	27.2	35	19	2447	68515	4.7	0.5	28.2	26.2
0400	90	27.1	35	19	2439	68115	4.8	0.5	28.1	26.1
0500	90	27.2	35	19	2447	68515	4.7	0.5	28.2	26.2
0600	90	27.2	35	18	2451	68527	4.5	0.5	28.2	26.3
0700	92	63.8	134	27	5865	467159	32.0	3.3	70.4	57.1
0800	90	176.0	311	45	15838	3156610	64.4	6.8	189.6	162.4
0900	90	281.7	454	47	25351	7922560	93.7	9.9	301.4	261.9
1000	90	376.8	482	108	33913	13652800	99.1	10.4	397.7	355.9
1100	90	406.6	564	106	36592	16230200	123.3	13.0	432.6	380.6
1200	90	420.7	649	97	37862	17394800	128.4	13.5	447.8	393.6
1300	90	347.1	515	85	31243	11857400	106.6	11.2	369.6	324.7
1400	90	255.4	394	58	22987	6539280	86.6	9.1	273.7	237.1
1500	90	151.4	266	35	13629	2316990	53.3	5.6	162.7	140.2
1600	90	47.7	91	23	4294	241748	20.4	2.1	52.0	43.4
1700	87	27.8	35	23	2416	68802	4.5	0.5	28.7	26.8
1800	84	27.7	35	23	2330	66432	4.7	0.5	28.8	26.7
1900	84	27.6	35	23	2320	65828	4.6	0.5	28.6	26.6
2000	85	27.5	35	15	2336	66060	4.7	0.5	28.5	26.5
2100	89	27.4	35	19	2439	68713	4.6	0.5	28.4	26.4
2200	89	27.2	35	19	2422	67802	4.6	0.5	28.2	26.2
2300	87	27.3	35	19	2375	66729	4.7	0.5	28.3	26.3

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 JAN 86 TO 31 MAR 86
STATION: 99 LEVEL: 35 TYPE OF MEASUREMENT: SOLAR IN UNITS OF μ Einsteins

Data for the month of JAN 1986

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	98	28.6	36	23	2517	72611	2.7	0.3	29.2	28.0
0100	90	28.6	39	23	2578	74582	2.9	0.3	29.3	28.0
0200	90	28.6	39	23	2576	74566	3.1	0.3	29.3	28.0
0300	90	28.6	40	23	2571	74283	3.1	0.3	29.2	27.9
0400	90	28.6	39	23	2575	74535	3.1	0.3	29.3	28.0
0500	90	28.6	39	23	2571	74285	3.1	0.3	29.2	27.9
0600	90	28.2	37	23	2540	72338	2.7	0.3	28.8	27.7
0700	90	54.1	156	20	4865	351873	31.6	3.3	60.7	47.4
0800	90	166.9	376	35	15024	3007170	74.9	7.9	182.7	151.1
0900	90	277.0	593	42	24930	8201610	120.7	12.7	302.4	251.6
1000	90	377.5	705	57	33973	14607800	141.6	14.9	407.3	347.6
1100	90	456.9	869	91	41117	21268500	167.1	17.6	492.1	421.6
1200	93	467.5	965	71	43479	24071700	201.7	20.9	509.4	425.7
1300	93	415.3	834	63	38627	18944300	177.6	18.4	452.2	378.5
1400	93	316.8	678	44	29464	11130200	139.7	14.5	345.8	287.8
1500	93	194.4	484	34	18083	4444200	100.4	10.4	215.3	173.6
1600	93	79.0	274	21	7343	806821	49.7	5.2	89.3	68.7
1700	93	29.4	55	23	2736	83798	6.0	0.6	30.7	28.2
1800	87	28.9	39	23	2515	73483	3.0	0.3	29.6	28.3
1900	87	29.0	40	23	2523	74035	3.2	0.3	29.7	28.3
2000	87	28.9	39	23	2516	73578	3.1	0.3	29.6	28.3
2100	90	28.8	37	23	2590	75184	2.7	0.3	29.3	28.2
2200	90	28.5	36	23	2566	73722	2.5	0.3	29.0	28.0
2300	90	28.6	36	23	2578	74484	2.7	0.3	29.2	28.1

MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 FEB 86 TO 31 MAR 86
STATION: 99 LEVEL: 35 TYPE OF MEASUREMENT: SOLAR IN UNITS OF μ Einsteins

Data for the month of FEB 1986

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	84	40.4	52	26	3395	140387	6.2	0.7	41.8	39.1
0100	84	40.5	52	27	3404	141256	6.3	0.7	41.9	39.1
0200	84	40.7	52	26	3415	142391	6.5	0.7	42.1	39.2
0300	84	40.8	52	27	3427	143491	6.7	0.7	42.3	39.3
0400	84	40.7	52	27	3420	142818	6.6	0.7	42.1	39.3
0500	84	40.6	52	27	3410	141454	6.0	0.7	41.9	39.3
0600	84	41.9	71	25	3517	154107	9.1	1.0	43.9	39.9
0700	84	112.3	311	29	9435	1486320	71.7	7.8	128.0	96.7
0800	84	267.2	549	51	22448	7731860	144.5	15.8	298.8	235.7
0900	84	427.8	746	84	35932	18627900	198.1	21.6	471.0	384.5
1000	84	541.1	883	63	45452	29774800	249.8	27.3	595.6	486.6
1100	84	632.1	959	77	53094	39670100	271.3	29.6	691.3	572.9
1200	84	610.0	959	56	51239	37560700	275.6	30.1	670.1	549.8
1300	84	564.1	1053	70	47381	33041100	275.8	30.1	624.3	503.9
1400	84	480.8	895	82	40383	23954600	233.9	25.5	531.8	429.7
1500	84	318.9	615	49	26787	11000400	172.1	18.8	356.4	281.3
1600	84	172.0	384	38	14445	3295580	98.9	10.8	193.5	150.4
1700	84	56.8	149	26	4768	334264	27.7	3.0	62.8	50.7
1800	78	40.1	49	26	3124	127174	5.2	0.6	41.2	38.9
1900	77	40.7	52	27	3135	130115	5.7	0.7	42.0	39.4
2000	78	41.1	52	27	3204	134336	5.9	0.7	42.4	39.7
2100	78	41.1	52	26	3209	134727	5.9	0.7	42.5	39.8
2200	31	41.2	52	26	3337	140283	5.9	0.7	42.5	39.9
2300	84	41.3	52	27	3468	146096	5.9	0.6	42.6	40.0

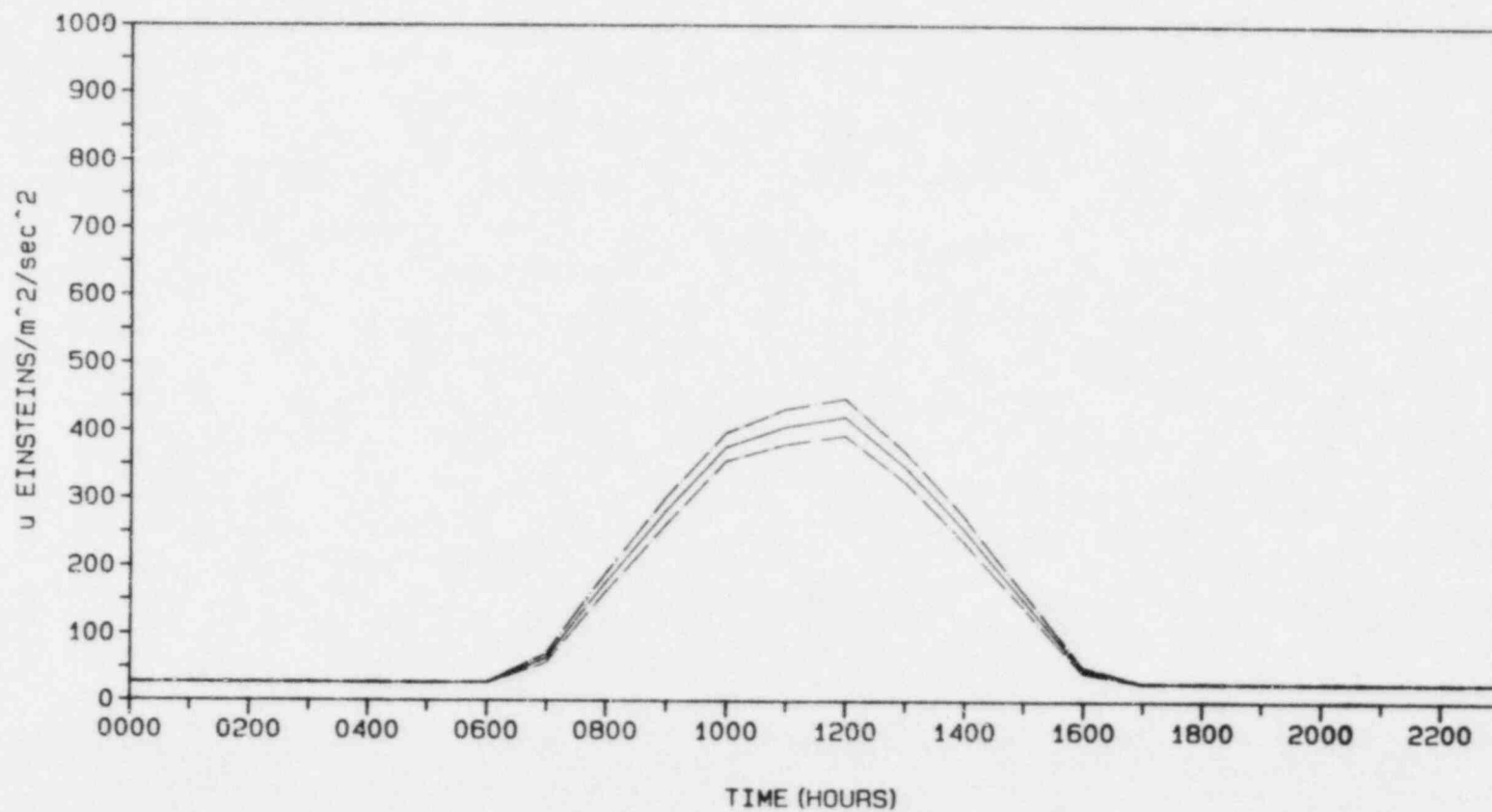
MONTHLY STATISTICAL SUMMARY FOR THE TIME PERIOD OF 01 FEB 86 TO 31 MAR 86
STATION: 99 LEVEL: 35 TYPE OF MEASUREMENT: SOLAR IN UNITS OF u Einsteins

Data for the month of MAR 1986

HOUR	N	MEAN	MAX	MIN	SUM	SUM.SQ.	STD.DEV	STD.ERR	+2 STD.ERR	-2 STD.ERR
0000	18	52.2	54	51	939	49013	1.3	0.3	52.8	51.6
0100	18	52.2	54	51	939	49013	1.3	0.3	52.6	51.6
0200	18	52.4	54	50	944	49536	1.3	0.3	53.1	51.8
0300	18	52.5	54	51	945	49639	1.2	0.3	53.1	51.9
0400	18	52.2	54	51	940	49116	1.3	0.3	52.8	51.6
0500	18	53.0	59	51	954	50684	2.7	0.6	54.3	51.7
0600	18	62.9	109	47	1132	76134	17.1	4.0	70.9	54.9
0700	18	174.9	332	57	3148	667704	83.0	19.6	214.0	135.8
0800	18	290.3	557	111	5226	1907010	151.4	35.7	361.7	219.0
0900	18	397.3	760	112	7151	3749400	231.2	54.5	506.3	288.3
1000	18	544.5	897	225	9801	6357150	245.0	57.7	660.0	429.0
1100	18	644.3	961	297	11598	8536340	250.1	58.9	762.2	526.4
1200	18	724.1	987	273	13034	11074000	310.2	73.1	870.3	577.9
1300	18	712.9	1063	283	12832	10266800	256.6	60.5	833.8	591.9
1400	18	646.5	819	262	11637	8059070	177.5	41.8	730.2	562.8
1500	18	460.2	633	169	8284	4167290	144.5	34.1	528.3	392.1
1600	18	229.4	399	84	4129	1163660	112.9	26.6	282.6	176.2
1700	18	82.3	157	47	1481	143349	35.6	8.4	99.0	65.5
1800	18	51.2	59	47	922	47434	3.5	0.8	52.9	49.6
1900	18	47.4	59	9	854	43600	13.5	3.2	53.8	41.1
2000	17	46.3	55	0	787	41139	17.1	4.2	54.6	38.0
2100	15	52.4	55	50	786	41242	2.0	0.5	53.4	51.4
2200	15	52.7	55	50	790	41642	1.6	0.4	53.5	51.8
2300	15	52.3	55	51	784	41014	1.6	0.4	53.1	51.4

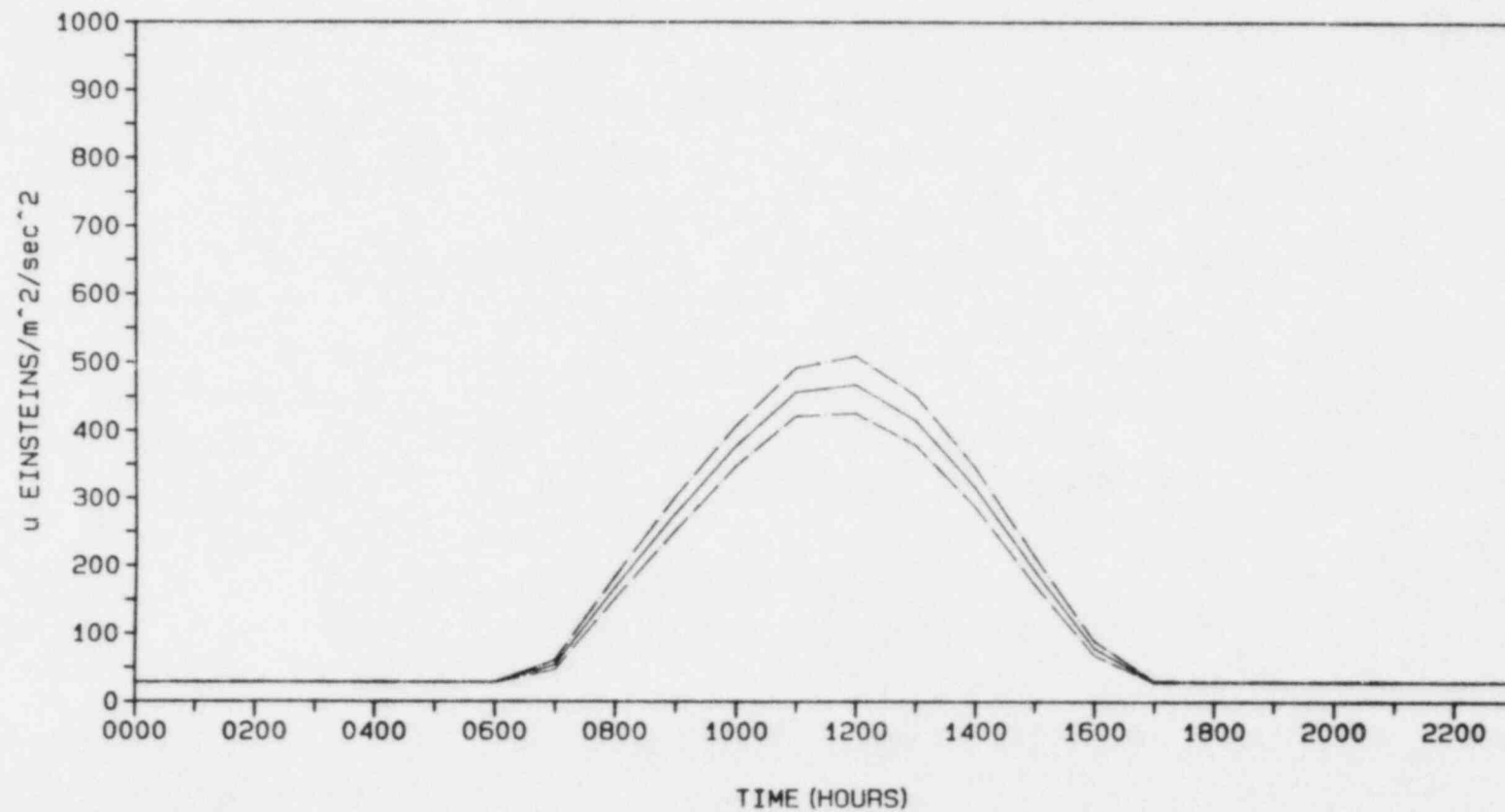
HOURLY MEAN SURFACE LIGHT AT DIABLO CANYON

(Station 99+35 - SIMS) DECEMBER 1985

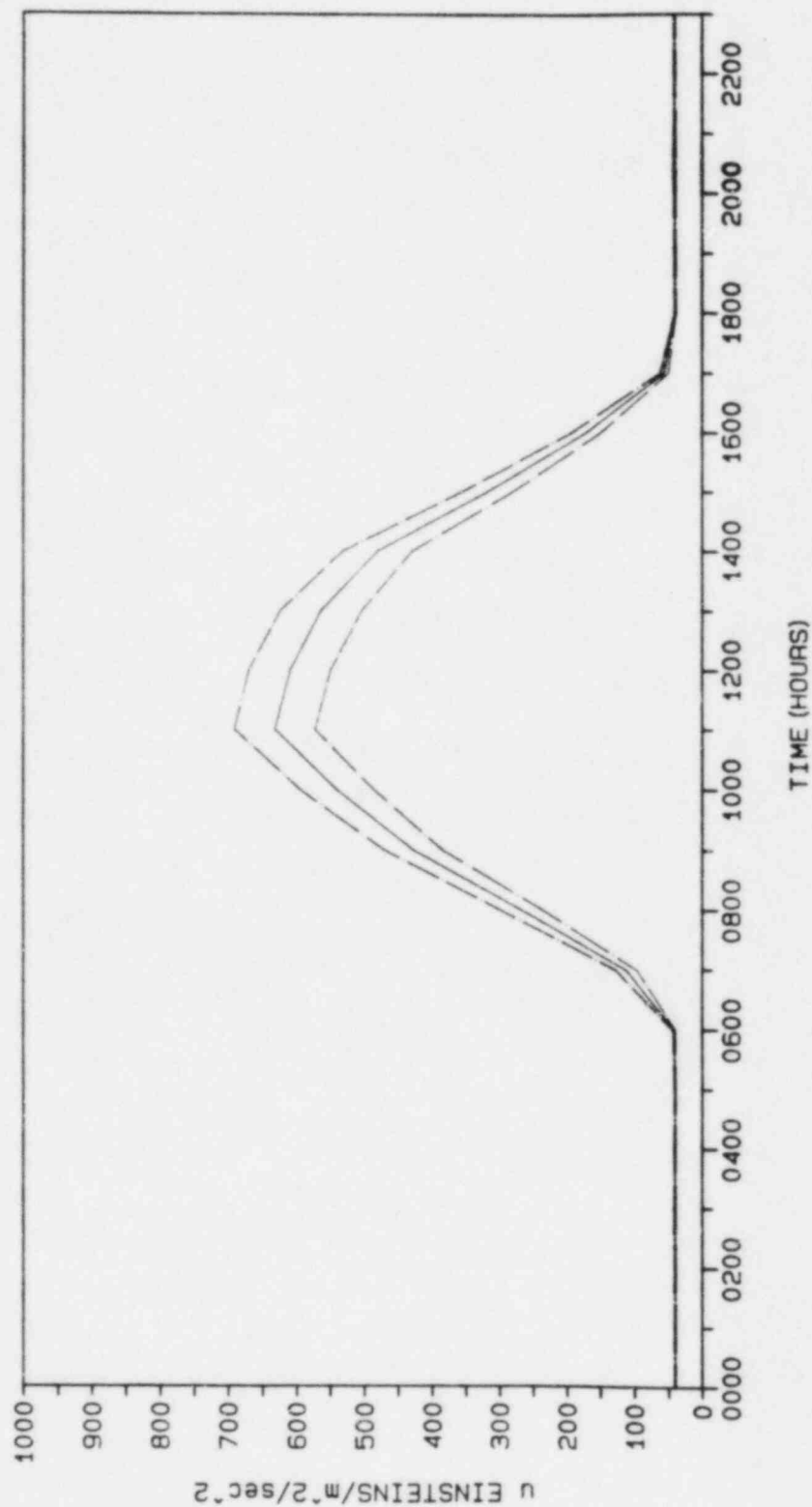


HOURLY MEAN SURFACE LIGHT AT DIABLO CANYON

(Station 99+35 - SIMS) JANUARY 1986



HOURLY MEAN SURFACE LIGHT AT DIABLO CANYON
(Station 99+35 - SIMS) FEBRUARY 1986



HOURLY MEAN SURFACE LIGHT AT DIABLO CANYON

(Station 99+35 - SIMS) MARCH 1986

