WS FORM F-6
(9-76)

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NEVADA
MONTH: APRIL
YEAR: 1988

LATITUDE: 36° 37' N
LONGITUDE: 116° 01' W
GROUND ELEVATION (H): 3298 FT.
STANDARD TIME: PACIFIC

DAY 1	TEMPERATURE °F: MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	DEGREE DAYS (Base 65°): HEATING 6a	COOLING 6b	PRECIPITATION (In.): TOTAL (Water equivalent) 7	SNOWFALL, ICE PELLETS 8	SNOW, ICE PELLETS OR ICE ON GROUND AT 9	WIND: AVERAGE SPEED KNOTS 10	PEAK: SPEED KNOTS 11	DIRECTION 12	SUNSHINE: AVG. STATION PRESS. (INS.) 13	PERCENT OF POSSIBLE 14	SKY COVER SUNRISE TO SUNSET (Tenths) 15	WEATHER OCCURRENCES 16	RH 04 17	10 18	16 19	22 20
1	70	40	55		10					8.1	17	NE	26.65		0		23	14	12	31
2	76	38	57		8					6.1	21	SW	26.57		3		35	13	11	27
3	75	41	58		7					10.2	33	SW	26.47		9		33	16	13	15
4	75	48	62		3					7.1	19	SW	26.52		7		35	24	19	40
5	83	45	64		1					7.8	20	NE	26.74		5		22	10	9	16
6	86	45	66			1				6.0	19	SW	26.67		8		22	10	10	19
7	86	48	67			2				9.6	33	SW	26.50		10		25	13	10	14
8	68	51	60		5					16.1	34	NE	26.61		5		21	18	11	11
9	73	46	60		5					13.2	28	E	26.80		0		13	12	9	13
10	78	47	63		2					10.5	23	SE	26.77		4		20	11	8	17
11	85	44	65		0					3.7	17	SW	26.63		10		23	10	9	16
12	83	46	65		0					7.9	26	S	26.57		10		23	10	9	20
13	72	51	62		3		0.26	T		8.5	31	S	26.51		10	RW	27	32	86	87
14	66	50	58		7		0.25			11.3	31	SW	26.43		9	RW TRW A	93	58	58	99
15	51	45	48		17		0.72			7.0	23	SW	26.48		10	RW	100	100	80	80
16	58	47	53		12					8.3	21	SW	26.51		10		96	86	67	72
17	69	51	60		5		T			10.9	22	SW	26.51		10	RW	80	69	47	85
18	69	46	58		7					8.0	26	SW	26.56		5		97	51	28	41
19	68	50	59		6					10.2	33	S	26.43		10		69	43	34	47
20	58	42	50		15		0.27			12.6	39	SW	26.36		8	RW	86	80	54	77
21	57	41	49		16		T			7.9	26	SW	26.31		8	RW TRW	86	57	53	83
22	60	38	49		16					10.5	32	S	26.40		7		93	53	39	54
23	60	41	51		14					13.3	29	SW	26.54		5		65	38	33	66
24	69	37	53		12					6.0	23	SW	26.67		1		94	36	21	36
25	75	46	61		4					7.0	15	NW	26.62		3		63	31	16	39
26	78	53	66			1				9.0	16	NE	26.57		8		36	22	14	38
27	80	50	65		0					7.8	26	SW	26.48		10		59	17	15	24
28	76	55	66			1				11.5	30	SW	26.49		5		28	25	12	34
29	79	45	62		3					9.4	32	SW	26.57		0		58	31	17	26
30	72	46	59		6					21.0	50	SW	26.41		5	BD.	44	34	10	56
31																				
SUM	2155	1373	—	—	184	5			—	286.5	—	—		—	195	—				
AVG	71.8	45.8	—	—	—	—	—	—	—	9.6	FASTEST	DIRECTION	POSSIBLE	%	6.5	—	1569	1024	814	1283
										MISC. →	50	SW	26.55			—	52	34	27	43

TEMPERATURE DATA

AVERAGE MONTHLY 58.8
DEPARTURE FROM NORMAL
HIGHEST 86 ON 6
LOWEST 37 ON 24
NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 0
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 184
DEPARTURE FROM NORMAL -20
SEASONAL TOTAL 3036
DEPARTURE FROM NORMAL +6

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 5
DEPARTURE FROM NORMAL -23
SEASONAL TOTAL 9
DEPARTURE FROM NORMAL -19

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.50 IN.
DEPARTURE FROM NORMAL +1.37 IN.
GREATEST IN 24 HRS. 0.72 ON 15

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS. 0 ON
GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 6
PARTLY CLOUDY (Scale 4–7) 9
CLOUDY (Scale 8–10) 15
WITH 0.01 INCH OR MORE PRECIP. 4
WITH 0.10 INCH OR MORE PRECIP. 4
WITH 0.50 INCH OR MORE PRECIP. 1
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

1 = FOG
2 = FOG WITH VISIBILITY ¼ MILE OR LESS
3 = THUNDER
4 = ICE PELLETS
5 = HAIL
6 = GLAZE OR RIME
7 = DUSTSTORM OR SANDSTORM
8 = SMOKE OR HAZE
9 = BLOWING SNOW
X = TORNADO

MAXIMUM PRECIPITATION

Δt (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
PRECIPITATION (Inches)												
ENDED: DATE												
TIME												

HIGHEST STATION 26.870 IN. ON 9TH
LOWEST STATION 26.240 IN. ON 30TH

WS FORM F-6 SUPERSEDES WS FORM F-6 (9-74) WHICH SHOULD BE USED UNTIL EXISTING STOCK IS DEPLETED.

☆ U.S. G.P.O. 1978-765-092/1151 REG.#6

MF 1-10A
(5-83)

U.S. DEPT. OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

[redacted], DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE APR 01 1980

TO CONVERT LST TO GMT
ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			176	47	6	04	14		008	110	[illegible]
SA	0150	CLR	20			177	43	3	10	07		008		[illegible]
SA	0250	CLR	20			180	43	6	04	09		009		[illegible]
SA	0350	CLR	20			176	42	6	05	15		008	000 40 RADAT 25078	HS
SA	0450	CLR	20			180	43	6	03	12		009		HS
SA	0550	CLR	20			180	44	7	05	14		009		HS
SA	0650	CLR	20			188	48	9	04	15		012	310	HS
SA	0750	CLR	20			186	53	10	04	12		012		HS
SA	0853	CLR	20			191	57	8	11	14		013		HS
SA	0951	CLR	20			191	59	9	12	07		014	305 40	HS
SA	1050	CLR	20			181	62	10	05	08		011		HS
SA	1151	CLR	20			177	63	11	07	07		008		HS
SA	1250	CLR	20			162	66	12	06	07		006	724	HS
SA	1350	CLR	20			155	67	14	09	04		003		HS
SA	1450	CLR	20			145	68	14	01	06		001		HS
SA	1550	CLR	20			139	69	15	24	08		999	822 70 RADAT 28111	[illegible]
SA	1650	CLR	20			135	67	14	22	10		997		[illegible]
SA	1750	CLR	20			140	64	13	24	11		999		[illegible]
SA	1850	CLR	20			140	59	14	30	04		999	500	[illegible]
SA	1953	CLR	20			149	50	16	03	06		001		[illegible]
SA	2050	CLR	20			155	50	16	00	00		003		[illegible]
SA	2150	CLR	20			158	45	16	00	00		003	114 70	[illegible]
SA	2251	CLR	20			155	48	16	10	05		003		[illegible]
SA	2350	CLR	20			155	44	17	00	00		003		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6095

SURFACE WEATHER OBSERVATIONS

DATE APR 01 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUM-MATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUM-MATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O-PAQUE SKY COVER 36	PRES-SURE TEND-EN-CY 37	NET 3-HR. CHANGE (Ins.) 38	SUN-SHINE (Min.) 39	PRECI-PITATION (Ins.) 40	HR.
00 50	26.670			18	0															0	1	.030			00-01
01 50	26.670			19	0															0					01-02
02 50	26.680			21	0															0					02-03
03 50	26.670			23	0															0	0	.000			03-04
04 50	26.680			22	0															0					04-05
05 50	26.680			22	0															0					05-06
06 50	26.700			20	0															0	3	.030			06-07
07 50	26.700			17	0															0					07-08
08 53	26.710			14	0															0					08-09
09 51	26.715			14	0															0	3	.015			09-10
10 50	26.690			13	0															0					10-11
11 51	26.670			13	0															0					11-12
12 50	26.645			12	0															0	7	.070			12-13
13 50	26.620			13	0															0					13-14
14 50	26.600			12	0															0					14-15
15 50	26.580			12	0															0	8	.065			15-16
16 50	26.570			13	0															0					16-17
17 50	26.580			14	0															0					17-18
18 50	26.580			17	0															0	5	.000			18-19
19 53	26.600			25	0															0					19-20
20 50	26615			25	0															0					20-21
21 50	26.620			31	0															0	1	.040			21-22
22 51	26.620			28	0															0					22-23
23 50	26620			33	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	47	40	X	X						X		
	0348	1	0	0	0	49	40		0								
	0949	2	0	0	0	59	40		0								
	1548	3	0	0	0	70	58		0								
	2148	4	0	0	0	69	45		0								
	MID.	X	0	0	0	49	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.715	26.580	26.620
BAROGRAPH 64	26.680	26.720	26.575	26.625
BAR. CORR. 65	-.010	*+.005	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DI-REC-TION 72	PEAK WIND TIME (L.S.T.) 73	THICK-NESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUN-RISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
70	40	0	0	0	17	NE	0717					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:30 SUNSET 18:05

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10830 11600 /

BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: APR 02 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	CLR	20			156	40	16	04	05		003	400	Oa
SA	0150	CLR	20			157	41	15	00	00		003		Oa
SA	0250	CLR	20			147	41	14	09	03		001		Oa
SA	0350	CLR	20			146	40	15	10	03		001	607 39 RADAT 38105	HS
SA	0450	CLR	20			151	40	14	15	03		002		HS
SA	0551	CLR	20			157	39	14	03	03		003		HS
SA	0650	CLR	20			156	47	17	00	00		003	107	HS
SA	0751	CLR	20			157	53	16	14	04		003		HS
SA	0858	CLR	20			152	63	12	28	04		003		HS
SA	0950	CLR	20			154	67	14	22	09		003	400 1001 38	HS
SA	1051	250 - SCT	20			150	69	12	26	09		003		HS
SA	1150	250 - SCT	20			140	71	12	24	13		000		HS
SA	1250	250 - BKN	20			134	72	13	24	09		997	817 1001	HS
SA	1350	250 - BKN	20			125	74	14	25	12		995		HS
SA	1450	250 - SCT	20			117	75	15	26	13		993		HS
SA	1550	250-SCT	20			113	75	16	23	09		992	617 10076 RADAT 20110	Oa
SA	1652	250-SCT	20			110	73	15	24	09		991		Oa
SA	1750	250- BKN	20			113	69	15	22	07		991		Oa
SA	1850	250-SCT	20			116	64	16	24	04		992	500 1001	Oa
SA	1950	250-SCT	20			117	56	18	03	05		992		Oa
SA	2050	250 -SCT	20			112	55	17	06	06		992		Oa
SA	2150	CLR	20			112	51	18	05	05		992	400 1001 76	Oa
SA	2251	CLR	20			112	49	18	04	05		992	FEW Ci OVHD	Oa
SA	2350	CLR	20			108	52	17	05	07		992		Oa

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE APR 02 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.620			37	0															0	4	.000			00-01
01 50	26.620			34	0															0					01-02
02 50	26.600			33	0															0					02-03
03 50	26.600			35	0															0	6	.020			03-04
04 50	26.610			34	0															0					04-05
05 51	26.620			34	0															0					05-06
06 50	26.620			30	0															0	1	.020			06-07
07 51	26.620			23	0															0					07-08
08 58	26.620			14	0															0					08-09
09 50	26.620			13	0	0	Ci	250												0	4	.000			09-10
10 51	26.620			11	1															0					10-11
11 50	26.590			10	3															0					11-12
12 50	26.570			10	6	6	Ci	250												0	8	.050			12-13
13 50	26.550			10	6															0					13-14
14 50	26.530			10	4															0					14-15
15 50	26.520			11	5	5	Ci	250												1	6	.050			15-16
16 52	26.510			11	2															1					16-17
17 50	26.510			12	7															2					17-18
18 50	26.520			15	1	1	Ci	250												0	5	.000			18-19
19 50	26.520			22	3															1					19-20
20 50	26.520			22	1															0					20-21
21 50	26.520			27	0	0	Ci	250												0	4	.000			21-22
22 51	26.520			29	0															0					22-23
23 50	26.520			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	45	39	X	X						X		
	0348	1	0	0	0	49	39		0								
	0948	2	0	0	0	67	38		0								
	1548	3	0	0	0	76	66		0								
	2148	4	0	0	0	75	51		0								
	MID.	X	0	0	0	54	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.520	26.520
BAROGRAPH 64	26.605	26.625	26.520	26.515
BAR. CORR. 65	-.005	-.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	38	0	0	0	21	SW	1557					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:29 SUNSET 18:06

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1081S / 1600 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE APR 03 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			108	54	16	12	04		992	400	Dca
SA	0150	CLR	20			099	53	17	07	05		990		Dca
SA	0250	CLR	20			094	49	18	08	05		988		Dca
SA	0356	250-SCT	20			098	47	19	06	04		988	610 1001 47	MY
SA	0455	250-SCT	20			106	42	20	06	03		990	RADAT 29113	MY
SA	0554	250-BKN	20			114	45	18	10	06		992		MY
SA	0653	250-BKN	20			118	50	19	10	03		993	214 1001	MY
SA	0754	250-BKN	20			117	59	21	27	03		993		MY
SA	0851	250-BKN	20			118	64	21	24	07		994		MY
SA	0955	250-OVC	20			114	68	20	24	09		993	000 1001 41	MY
SA	1052	250-OVC	20			102	72	20	24	15	G22	990		MY
SA	1152	E250 OVC	20			087	74	15	23	20	G31	986		MY
SA	1252	E250 OVC	20			082	75	16	23	20	G29	985	624 1007	MY
SA	1359	E250 OVC	20			079	74	15	23	18	G25	984		MY
SA	1450	E250 OVC	20			077	74	16	21	18	G25	983		MY
SA	1550	E250 OVC	20			073	74	20	20	21		981	714 1007 75 RADAT 33125	AD
SA	1650	E250 OVC	20			076	72	19	21	15		981		AD
SA	1750	E250 OVC	20			066	71	19	21	11		979		AD
SA	1850	250-BKN	20			065	69	18	21	08		979	607 1001	AD
SA	1950	250-SCT	20			069	66	18	24	05		981		AD
SA	2050	250-SCT	20			066	69	18	23	19		981	1	AD
SA	2150	250-BKN	20			064	67	18	23	16		981	607 1001 75	AD
SA	2250	250-BKN	20			068	62	19	23	05		982		AD
SA	2350	250-BKN	20			075	56	20	04	04		983		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iRix hVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-005/6085

SURFACE WEATHER OBSERVATIONS

DATE APR 03 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.520			22	0															0	4	.000			00-01
01 50	26.500			24	0															0					01-02
02 50	26.490			29	0															0					02-03
03 56	26.490			33	1	1	CI	250												0	6	.030			03-04
04 55	26.500			41	2															0					04-05
05 54	26.520			34	7															0					05-06
06 53	26.530			29	7	7	CI	250												0	2	.040			06-07
07 54	26.530			23	7															2					07-08
08 51	26.510			19	7															2					08-09
09 53	26.530			16	10	10	CI	250												2	0	.000			09-10
10 52	26.500			14	10															4					10-11
11 52	26.470			11	10															7					11-12
12 52	26.460			11	10	10	CS	E250												8	6	.070			12-13
13 59	26.450			11	10															8					13-14
14 50	26.435			11	10															9					14-15
15 50	26.420			13	10	10	CS	E250												9	7	.040			15-16
16 50	26.420			13	10															9					16-17
17 50	26.400			14	10															8					17-18
18 50	26.400			14	6	6	CI	250												3	6	.020			18-19
19 50	26.420			16	4															2					19-20
20 50	26.420			14	4															2					20-21
21 50	26.420			15	7	7	CI	250												3	1	.020			21-22
22 50	26.430			19	7															3					22-23
23 50	26.440			24	8															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	56	47	X	X						X		
	0352	1	0	0	0	56	47		0								
	0951	2	0	0	0	68	41		0								
	1550	3	0	0	0	75	68		0								
	2150	4	0	0	0	74	61		0								
	MID.	X	0	0	0	67	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0955	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.530	26.420	26.420
BAROGRAPH 64	26.495	26.520	26.410	26.420
BAR. CORR. 65	-.005	+.010	+.010	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	41	0	0	0	33	SW	1210					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:27 SUNSET 18:07

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0815 / 1700 /

2150/APP 107/0540-4

(5-83)

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APRIL 04, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - BKN	20			075	54	21	00	00		983	107 1008	AD
SA	0150	250 - BKN	20			078	57	22	02	05		982		AD
SA	0250	250 - BKN	20			071	55	25	04	07		982		AD
SA	0357	120 SCT E 210 OVC	20			076	53	26	33	06		983	500 1077 53 RADAT 45124	MG
SA	0454	120 SCT E 210 OVC	20			083	49	27	03	08		984		MG
SA	0552	210 SCT E 270 OVC	20			088	49	27	36	07		985	FEW AC	MG
SA	0653	120 SCT E 210 BKN	20			099	59	27	01	05		990	320 1078	MG
SA	0755	120 SCT E 210 BKN	20			103	60	27	27	04		991		MG
SA	0852	120 SCT E 230 OVC	20			101	63	27	24	13		991		MG
SA	0953	E 220 OVC	20			108	66	28	27	06		993	310 1007 48	MG
SA	1052	E 220 OVC	20			114	66	28	26	07		994	BINOVC NW	MG
SA	1150	E 220 OVC	20			111	69	28	19	07		993		MG
SA	1251	E 220 OVC	20			107	71	28	22	07		992	CU DSNT NW / 803 1107	MG
SA	1353	E 220 BKN	20			098	73	29	22	09		990	LN CU SE NW-NE	MG
SA	1453	220 SCT	20			094	74	28	23	13		988	CU SE NW-NE	MG
SA	1550	250 - BKN	20			095	74	29	26	08		988	610 1001 75 RADAT 36113	AD
SA	1650	250 - SCT	20			098	73	28	25	11		988		AD
SA	1750	250 - SCT	20			103	71	29	28	05		990		AD
SA	1850	250 - SCT	20			114	63	30	36	07		993	314 1001	AD
SA	1950	250 - SCT	20			129	61	29	12	05		997		AD
SA	2050	CLR	20			142	55	29	01	11		001		AD
SA	2150	CLR	20			152	53	29	36	07		004	234 75	AD
SA	2250	CLR	20			160	53	29	11	06		006		AD
SA	2350	CLR	20			169	48	29	11	07		008		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S. GPO:1984-0-764-006/5085

SURFACE WEATHER OBSERVATIONS

DATE APRIL 04, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0050	26.440			27	8	8	CS	250												4	1	.020			00-01
0150	26.430			26	9															4					01-02
0250	26.430			31	9															4					02-03
0357	26.440			35	10	2	AC	120	10	CS	E210	10								8	5	.000			03-04
0451	26.450			42	10															7					04-05
0552	26.460			42	10															7					05-06
0653	26.500			29	7	2	AC	120	7	CS	E210	7								6	3	.060			06-07
0755	26.510			28	7															6					07-08
0852	26.510			26	10															9					08-09
0953	26.530			24	10	10	CS	E220												9	3	.030			09-10
1052	26.540			24	10															9					10-11
1150	26.530			22	10															7					11-12
1251	26.520			20	10	0	CU	80	10	CS	E220	10								7	8	.010			12-13
1353	26.500			20	8															7					13-14
1453	26.490			18	1															1					14-15
1550	26.490			19	8	8	CI	250												1	6	.030			15-16
1650	26.490			19	4															1					16-17
1750	26.500			21	2															0					17-18
1850	26.530			29	2	2	CI	250												0	3	.040			18-19
1950	26.570			30	2															0					19-20
2050	26.600			37	0															0					20-21
2150	26.630			40	0															0	2	.100			21-22
2250	26.650			40	0															0					22-23
2350	26.670			48	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	58	53	X	X						X		
	0352	1	0	0	0	67	53		0								
	0949	2	0	0	0	67	48		0								
	1550	3	0	0	0	75	64		0								
	2150	4	0	0	0	74	53		0								
	MID.	X	0	0	0	55	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.530	26.490	26.630
BAROGRAPH 64	26.425	26.520	26.500	26.630
BAR. CORR. 65	+.015	+.010	-.010	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4 Any SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	48	0	0	0	19	SW	0858					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0526 SUNSET 1808

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0522 / 1700 /

0150/0250

NWS-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APRIL 05, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			167	50	28	00	00		008	114	AD
SA	0150	CLR	20			167	48	27	00	00		008		AD
SA	0250	CLR	20			171	47	28	11	05		009		AD
SA	0350	250-SCT	20			177	50	13	04	15		012	310 1001 46 RADAT 27112	[illegible]
SA	0450	250-BKN	20			184	49	17	11	06		014		[illegible]
SA	0552	250-BKN	20			193	53	5	06	08		016		[illegible]
SA	0655	250-BKN	20			203	59	6	05	12		019	322 1001	[illegible]
SA	0755	250-OVC	20			212	62	8	02	17		022		[illegible]
SA	0855	250-OVC	20			216	67	11	03	14		023		[illegible]
SA	0953	250-OVC	20			216	72	12	36	06		024	114 1001 45	[illegible]
SA	1056	250-BKN	20			207	75	15	12	15		022		[illegible]
SA	1150	250-SCT	20			206	77	16	13	11		020		[illegible]
SA	1251	250 SCT	20			197	79	18	12	07		018	715 1001	[illegible]
SA	1353	250 SCT	20			189	81	21	14	09		016		[illegible]
SA	1456	250 SCT	20			182	81	21	18	03		014		[illegible]
SA	1550	250-SCT	20			178	81	18	22	11		013	717 1001 83 RADAT 20130	AD
SA	1650	250-SCT	20			177	80	18	21	06		013		AD
SA	1750	CLR	20			177	77	14	17	06		013		AD
SA	1850	CLR	20			182	69	11	12	07		014	303	AD
SA	1950	CLR	20			190	68	9	12	09		016		AD
SA	2050	CLR	20			197	62	11	11	11		018		AD
SA	2150	CLR	20			204	58	12	36	05		020	220 83	AD
SA	2250	CLR	20			204	56	12	12	04		020		AD
SA	2350	CLR	20			205	51	13	00	00		020		AD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1984-0-764-006/6085

SURFACE WEATHER OBSERVATIONS

DATE 05 APRIL 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670			42	0															0	1	.040			00-01
01 50	26.670			44	0															0					01-02
02 50	26.680			47	0															0					02-03
03 50	26.700			22	3	3	CI	250												0	3	.030			03-04
04 50	26.715			28	6															0					04-05
05 52	26.740			14	6															0					05-06
06 55	26.765			12	6	6	CI	250												0	3	.065			06-07
07 55	26.790			12	10															0					07-08
08 55	26.800			11	10															2					08-09
09 53	26.805			10	10	10	CI	250												2	1	.040			09-10
10 56	26.785			10	8															2					10-11
11 50	26.780			10	5															2					11-12
12 51	26.760			10	1	1	CI	250												1	7	.045			12-13
13 53	26.740			11	2															2					13-14
14 56	26.720			11	3															2					14-15
15 50	26.710			9	2	2	CI	250												0	7	.050			15-16
16 50	26.710			10	1															0					16-17
17 50	26.710			9	0															0					17-18
18 50	26.720			10	0															0	3	.010			18-19
19 50	26.740			11	0															0					19-20
20 50	26.760			13	0															0					20-21
21 50	26.780			16	0															0	2	.060			21-22
22 50	26.780			17	0															0					22-23
23 50	26.780			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	52	46	X	X						X		
	0346	1	0	0	0	55	46		0								
	0949	2	0	0	0	72	45		0								
	1550	3	0	0	0	83	72		0								
	2150	4	0	0	0	81	56		0								
	MID.	X	0	0	0	61	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.805	26.710	26.780
BAROGRAPH 64	26.700	26.805	26.720	26.780
BAR. CORR. 65	0	0*	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	45	0	0	0	20	NE	0811					5	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0524 SUNSET 1809

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0446 / 1700 /

* BAROGRAPH CHANGED RESET TO ±.0 CORR.

(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 06, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			204	51	12	36	05		020	400	AO
SA	0150	CLR	20			196	50	13	00	00		018		AO
SA	0250	CLR	20			195	52	12	00	00		018		AO
SA	0357	CLR	20			197	50	12	33	06		018	607 46 RADAT 20127	[illegible]
SA	0455	CLR	20			197	50	12	03	04		018	FEW C1	[illegible]
SA	0551	250-SCT	20			202	47	13	03	08		019		[illegible]
SA	0651	250-SCT	20			205	58	15	07	05		020	307 1001	[illegible]
SA	0750	250-BKN	20			199	68	11	11	05		019		[illegible]
SA	0851	250-BKN	20			195	71	12	33	03		018		[illegible]
SA	0950	250-OVC	20			190	76	16	36	04		017	710 1001 45	[illegible]
SA	1052	250-OVC	20			185	80	19	09	06		016		[illegible]
SA	1151	250-OVC	20			179	83	22	23	13		014		[illegible]
SA	1251	250-OVC	20			172	84	23	22	08		012	817 1001	[illegible]
SA	1352	E250 OVC	20			160	85	24	22	08		008		[illegible]
SA	1450	E250 OVC	20			147	85	24	24	12		005		[illegible]
SA	1550	250-OVC	20			140	85	24	24	14		003	727 1001 86 RADAT 33129	AO
SA	1650	250-OVC	20			138	83	22	29	09		002		AO
SA	1750	250-BKN	20			141	77	17	29	05		002		AO
SA	1850	250-SCT	20			138	66	16	10	05		001	707 1001	AO
SA	1950	250-SCT	20			139	65	12	11	05		002		AO
SA	2050	250-SCT	20			144	57	14	36	05		003		AO
SA	2150	250-SCT	20			143	55	14	06	05		003	107 1001 86	AO
SA	2250	250-SCT	20			140	58	12	34	04		003		AO
SA	2350	CLR	20			140	55 ~~62~~	13	34	05		003		AO

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-754-008/6095

SURFACE WEATHER OBSERVATIONS

DATE APRIL 06, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.780			21	0															0	4	.000			00-01
01 50	26.760			22	0															0					01-02
02 50	26.760			20	0															0					02-03
03 57	26.760			22	0															0	6	.020			03-04
04 55	26.760			22	0															0					04-05
05 51	26.765			25	2															0					05-06
06 51	26.780			18	4	4	Cl	250												0	3	.020			06-07
07 50	26.770			11	7															1					07-08
08 51	26.760			10	8															2					08-09
09 50	26.750			10	10	10	Cl	250												2	7	.030			09-10
10 52	26.740			10	10															2					10-11
11 51	26.720			11	10															3					11-12
12 51	26.700			11	10	10	Cl	250												4	8	.050			12-13
13 52	26.670			11	10															6					13-14
14 50	26.640			11	10															7					14-15
15 50	26.620			10	10	10	Cl	250												4	7	.080			15-16
16 50	26.610			11	10															3					16-17
17 50	26.610			10	7															2					17-18
18 50	26.600			14	5	5	Cl	250												2	7	.020			18-19
19 50	26.610			12	4															2					19-20
20 50	26.620			18	4															2					20-21
21 50	26.620			19	4	4	Cl	250												2	1	.020			21-22
22 50	26.620			16	1															0					22-23
23 50	26.620			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	55	46	X	X						X		
	0353	1	0	0	0	61	46		0								
	0946	2	0	0	0	76	45		0								
	1550	3	0	0	0	86	76		0								
	2150	4	0	0	0	85	55		0								
	MID.	X	0	0	0	60	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.760	26.750	26.620	26.620
BAROGRAPH 64	26.760	26.750	26.620	26.620
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	45	0	0	0	19	SW	1426					8	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0523 SUNSET 1810

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1054 5 / 1700 /

2350/2350.

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 07, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			132	53	14	00	00		001	807	AO
SA	0150	CLR	20			127	53	14	14	04		000		AO
SA	0250	250 - SCT	20			125	50	15	36	04		999		AO
SA	0353	250 -OVC	20			125	50	16	14	03		999	607 1007 49 RADAT 20132	MR
SA	0451	250 -OVC	20			125	48	18	01	03		998		MR
SA	0552	250 -OVC	20			127	49	19	07	03		998	Ac SW	MR
SA	0655	160 SCT E250 OVC	20			127	59	22	28	04		998	602 1057	MR
SA	0751	160 SCT E250 OVC	20			125	62	24	18	03		997		MR
SA	0852	160 SCT E250 OVC	20			123	73	21	00	00		997		MR
SA	0953	170 SCT E250 OVC	20			122	75	22	11	02		997	703 1032 48	MR
SA	1052	E250 OVC	20			108	83	19	21	21	G30	994		MR
SA	1155	E250 OVC	20			096	86	23	19	22	G31	991		MR
SA	1250	E250 OVC	20			096	85	23	22	21	G30	991	619 1072	MR
SA	1353	E250 OVC	20			081	85	22	22	19	G27	986	FEW Ac	MR
SA	1450	E250 OVC	20			076	84	20	24	13	G22	984	FEW Ac	MR
SA	1555	E250 OVC	20			068	84	21	21	17		982	627 1072 86	MR
SA	1655	E250 OVC	20			066	81	18	23	14		981	RADAT 11127	EP
SA	1752	250 - OVC	20			063	80	17	20	09		980		EP
SA	1854	250 - BKN	20			056	77	19	21	10		979	710 1001	EP
SA	1950	250 - SCT	20			062	77	20	20	14		981		EP
SA	2053	250 - SCT	20			062	75	21	21	13		982		EP
SA	2154	CLR	20			058	72	20	35	08		981	~~SCT 86~~ 007 86	EP
SA	2253	CLR	20			063	69	20	02	13	G21	983		EP
SA	2353	CLR	20			074	67	22	02	11		986		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

[illegible] 3P P P P 4PPPP 5appp 6RRRtr 7wwW1W2 8N1C1C2C3C4 plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 07, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600			21	0															0	8	.020			00-01
01 50	26.590			21	0															0					01-02
02 50	26.580			24	4															1					02-03
03 53	26.580			25	10	10	CS	250												4	6	.020			03-04
04 51	26.575			30	10															5					04-05
05 52	26.575			30	10															5					05-06
06 55	26.575			23	10	2	AC	160	10	CS	E250	10								9	6	.005			06-07
07 51	26.570			23	10															9					07-08
08 52	26.570			14	10															9					08-09
09 53	26.565			13	10	1	AC	170	10	CI	E250	10								8	7	.010			09-10
10 52	26.540			9	10															8					10-11
11 55	26.510			10	10															7					11-12
12 50	26.510			10	10	0	AC	170	10	CI	E250	10								6	6	.055			12-13
13 53	26.470			10	10															6					13-14
14 50	26.450			9	10															8					14-15
15 55	26.430			10	10	0	AC	170	10	CI	E250	10								7	6	.080			15-16
16 55	26.420			9	10															9					16-17
17 52	26.410			9	10															4					17-18
18 54	26.400			11	7	7	CI	250												3	7	.030			18-19
19 50	26.420			12	4															1					19-20
20 53	26.430			13	1															0					20-21
21 54	26.420			14	0															0	0	.020			21-22
22 53	26.440			15	0															0					22-23
23 53	26.470			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	56	49	X	X						X		
	0349	1	0	0	0	60	49		0								
	0950	2	0	0	0	75	48		0								
	1552	3	0	0	0	86	75		0								
	2150	4	0	0	0	84	70		0								
	MID.	X	0	0	0	73	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.565	26.430	26.420
BAROGRAPH 64	26.575	26.555	26.410	26.405
BAR. CORR. 65	+.005	+.010	+.020	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	48	0	0	0	33	SW	1324					10	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0521 SUNSET 1811

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045P / 2135 /

~~2154~~ / ~~APP 507~~ / ~~2305~~ OK

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: APRIL 08, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			079	65	26	33	05		987	120	EP
SA	0152	CLR	20			077	62	12	04	13		986		EP
SA	0252	CLR	20			086	60	17	04	17 G24		988		EP
SA	0352	CLR	20			103	58	18	05	20 G28		993	317 58 RADAT 20123	MR
SA	0452	CLR	20			121	54	21	05	17 G23		997		MR
SA	0552	CLR	~~20~~ 15			142	53	21	05	18 G24		003		MR
SA	0652	CLR	15			154	52	21	05	25 G33		006	141	MR
SA	0752	CLR	~~1~~15			167	55	20	04	25 G31		010		MR
SA	0851	CLR	20			172	58	19	05	20 G26		012		MR
SA	0952	CLR	20			171	62	18	02	21 G28		012	117 1001 52	MR
SA	1051	CLR	20			171	63	15	04	15 G22		012		MR
SA	1152	~~CLR~~ 250 -OVC	20			168	66	11	05	17 G25		011		MR
SA	1252	250 -OVC	20			165	67	8	05	19 G26		009	807 1001	MR
SA	1352	E250 OVC	20			158	68	8	03	15 G23		007		MR
SA	1452	E250 OVC	20			152	67	11	03	12 G20		005		MR
SA	1555	E250 BKN	20			145	67	11	03	13		003	720 1002 68 RADAT 20125	EP
SA	1651	E250 BKN	20			148	67	9	01	14		003		EP
SA	1750	250 - BKN	20			153	65	8	02	14		004		EP
SA	1851	CLR	20			164	61	5	04	14		006	310 1001	EP
SA	1951	CLR	20			179	58	4	03	15		011		EP
SA	2053	CLR	20			183	56	3	04	15		012		EP
SA	2155	CLR	20			180	55	1	03	15		012	117 ~~68~~ 73	EP
SA	2250	CLR	20			192	54	1	03	16		015		EP
SA	2350	CLR	20			195	51	0	05	11		016		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii iniLVV Nddff 1s TTT 2s T'T'T' 3P P P P 4PPPP 5appp 6RRRtr 7wwW1W2 8N Cl CvCm CH plus regional and national data groups

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 08, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.480			23	0															0	1	.060			00-01
01 52	26.470			14	0															0					01-02
02 52	26.490			19	0															0					02-03
03 52	26.530			21	0															0	3	.050			03-04
04 52	26.570			28	0															0					04-05
05 52	26.620			29	0															0					05-06
06 52	26.650			29	0															0	1	.120			06-07
07 52	26.685			25	0															0					07-08
08 51	26.700			22	0															0					08-09
09 52	26.700			18	0	0	CI	250												0	1	.050			09-10
10 51	26.695			15	0															0					10-11
11 52	26.680			12	10															3					11-12
12 52	26.680			10	10	10	CI	250												4	8	-.020			12-13
13 52	26.660			10	10															6					13-14
14 52	26.640			11	10															8					14-15
15 55	26.620			11	9	9	CI	E250												7	7	.060			15-16
16 51	26.620			10	9															8					16-17
17 50	26.630			10	8															3					17-18
18 51	26.650			11	0	0	CI	250												0	3	.030			18-19
19 51	26.690			11	0															0					19-20
20 53	26.700			11	0															0					20-21
21 55	26.700			11	0															0	1	.050			21-22
22 50	26.730			11	0															0					22-23
23 50	26.740			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	67	58	X	X						X		
	0349	1	0	0	0	73	58		0								
	0951	2	0	0	0	62	52		0								
	1551	3	0	0	0	68	62		0								
	2152	4	0	0	0	68	54		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.700	26.620	26.700
BAROGRAPH 64	26.515	26.700	26.630	26.700
BAR. CORR. 65	+.015	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	51	0	0	0	34	NE	0757					5	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0520 SUNSET 1812

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045A / 2157 /

0552/0552 2155/24 hr MAX 73 / 1000-18

0752/0752

1152/1152

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: APR 09, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			199	51	0	04	14		017	117	EP
SA	0151	CLR	20			205	53	0	06	14 & 23		019		EP
SA	0252	CLR	20			212	48	1	06	15 & 22		020		EP
SA	0353	CLR	20			211	49	-1	03	18 & 24		020	110 47 RADAT 20127	MR
SA	0451	250 -BKN	20			220	48	4	06	10		023		MR
SA	0551	250 -SCT	20			235	46	5	04	07		027		MR
SA	0656	250 -SCT	20			243	50	7	04	09		029	225 1001	MR
SA	0752	CLR	20			249	53	8	04	14		030		MR
SA	0852	CLR	20			248	58	8	09	19 & 26		030		MR
SA	0955	CLR	20			245	60	6	10	19 & 25		030	003 1001 46	MR
SA	1052	250 SCT	20			239	62	8	10	18 & 25		028		MR
SA	1152	CLR	20			228	64	8	11	16 & 24		025		MR
SA	1252	CLR	20			221	68	9	12	15 & 24		024	619	MR
SA	1352	250 -SCT	20			206	70	9	11	18 & 24		020		MR
SA	1452	CLR	20			202	71	11	11	16		018		MR
SA	1552	CLR	20			197	72	10	09	12 & 21		017	620 1001 72 RADAT 20133	EP
SA	1657	CLR	20			194	71	9	10	13		016		EP
SA	1750	CLR	20			197	69	8	10	12		016		EP
SA	1851	CLR	20			204	66	6	08	10		018	303	EP
SA	1952	CLR	20			210	64	7	06	10		020		EP
SA	2055	CLR	20			212	65	7	11	10		022		EP
SA	2155	CLR	20			213	60	9	05	10		022	110 73	EP
SA	2251	CLR	20			216	59	9	09	09		023		EP
SA	2354	CLR	20			217	56	11	05	09		023		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_p i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups

(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: APR. 09, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.750			12	0															0	1	.050			00-01
01 51	26.770			11	0															0					01-02
02 52	26.780			14	0															0					02-03
03 53	26.780			13	0															0	1	.030			03-04
04 51	26.800			16	8															0					04-05
05 51	26.835			18	3															0					05-06
06 56	26.855			17	1	1	CI	250												0	2	.075			06-07
07 52	26.870			16	0															0					07-08
08 52	26.870			13	0															0					08-09
09 55	26.865			12	0	0	CI	250												0	0	.010			09-10
10 52	26.850			11	1															1					10-11
11 52	26.820			11	0															0					11-12
12 52	26.810			10	0															0	6	.055			12-13
13 52	26.775			9	1															0					13-14
14 52	26.760			10	0															0					14-15
15 52	26.750			9	0	0	CI	250												0	6	.060			15-16
16 57	26.740			9	0															0					16-17
17 50	26.740			9	0															0					17-18
18 51	26.760			9	0															0	3	.010			18-19
19 52	26.780			10	0															0					19-20
20 55	26.790			10	0															0					20-21
21 55	26.790			13	0															0	1	.030			21-22
22 51	26.800			14	0															0					22-23
23 54	26.800			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	53	47	X	X						X		
	0350	1	0	0	0	55	47		0								
	0950	2	0	0	0	60	46		0								
	1550	3	0	0	0	72	60		0								
	2151	4	0	0	0	73	59		0								
	MID.	X	0	0	0	64	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.780	26.865	26.750	26.790
BAROGRAPH 64	26.780	26.865	26.760	26.800
BAR. CORR. 65	0	0*	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
73	46	0	0	0	28	E	0855					0	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0517 SUNSET 1811

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045GP / 1935 /

* ~~0~~ BAROGRAM CHANGED AND RESET TO ZERO COR

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 10, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			220	55	10	04	12		024	207	EP
SA	0150	CLR	20			215	54	10	04	16		023		EP
SA	0251	CLR	20			215	53	11	04	16		023		EP
SA	0351	CLR	20			216	51	11	04	15		023	603 51 RADAT 20132	HS
SA	0450	CLR	20			221	51	12	04	16		024		HS
SA	0550	CLR	20			228	53	12	04	11		026		HS
SA	0650	CLR	20			236	55	14	04	12		028	217	HS
SA	0752	CLR	20			231	59	14	02	07		027		HS
SA	0852	CLR	20			227	64	13	12	08		027		HS
SA	0953	CLR	20			222	67	11	13	16		026	808 1001 47	HS
SA	1050	CLR	20			217	69	12	13	15		024	CI SW	HS
SA	1150	250 - SCT	20			209	73	11	13	16		022		HS
SA	1250	250 - BKN	20			201	74	12	14	12		019	719 1001	HS
SA	1350	250 - BKN	20			189	77	16	10	08		016		HS
SA	1451	250 - OVC	20			178	77	16	10	13		013		HS
SA	1550	250 - BKN	20			178	78	13	11	13		013	620 1001 78 RADAT 20132	CH
SA	1650	250 - BKN	20			175	76	14	09	08		012		CH
SA	1750	250 - BKN	20			176	73	12	12	07		012		CH
SA	1850	250 - BKN	20			181	63	10	12	10		012	603 1001	CH
SA	1950	250 - BKN	20			185	60	7	03	05		014		CH
SA	2050	250 - BKN	20			186	57	6	10	07		014		CH
SA	2150	250 - SCT	20			183	53	9	05	05		013	003 1001 78	CH
SA	2250	250 - SCT	20			181	54	7	00	00		013		CH
SA	2350	250 - SCT	20			176	52	10	34	05		012		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FORM E-1
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR. 10, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.810			16	0															0	2	-.020			00 01
01 50	26.800			17	0															0					01 02
02 51	26.800			18	0															0					02 03
03 51	26.800			20	0															0	6	.010			03 04
04 50	26.810			21	0															0					04 05
05 50	26.830			20	0															0					05 06
06 50	26.850			19	0															0	2	.050			06 07
07 52	26.840			17	0															0					07 08
08 52	26.840			14	0															0					08 09
09 53	26.825			11	0	0	Ci	250												0	8	.025			09 10
10 50	26.810			11	0															0					10 11
11 50	26.790			9	2															0					11 12
12 50	26.770			9	6	6	Ci	250												0	7	.055			12 13
13 50	26.740			10	7															1					13 14
14 51	26.710			10	10															1					14 15
15 50	26.710			8	8	8	Ci	250												1	6	.060			15 16
16 50	26.700			9	9															1					16 17
17 50	26.700			10	9															1					17 18
18 50	26.700			12	9	9	Ci	250												1	6	.010			18 19
19 50	26.715			12	8															1					19 20
20 50	26.720			13	7															1					20 21
21 50	26.710			17	4	4	Ci	250												1	0	.010			21 22
22 50	26.710			15	4															1					22 23
23 50	26.700			18	4															1					23 24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	57	51	X	X						X		
	0349	1	0	0	0	64	51		0								
	0951	2	0	0	0	67	47		0								
	1548	3	0	0	0	78	67		0								
	2148	4	0	0	0	78	53		0								
	MID.	X	0	0	0	54	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.825	26.710	26.710
BAROGRAPH 64	26.820	26.855	26.710	26.710
BAR. CORR. 65	-.020	-.030	± 0	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	47	0	0	0	23	SE	1133					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0517 SUNSET 1813

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1 0900 / 1610 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: APR. 11, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 - SCT	20			170	50	10	32	04		009	810 1001	CH
SA	0150	250 - SCT	20			167	51	9	00	00		009		CH
SA	0250	250 - SCT	20			173	49	7	14	06		011		CH
SA	0350	250 - SCT	20			165	47	11	03	03		008	803 1001 44 RADAT 20130	HS
SA	0450	250 - BKN	20			166	47	11	00	00		008		HS
SA	0550	250 - OVC	20			171	48	11	00	00		009		HS
SA	0650	250 - OVC	20			175	57	12	00	00		011	307 1001	HS
SA	0750	250 - OVC	20			172	66	14	00	00		011		HS
SA	0858	250 - OVC	20			171	70	12	34	03		011		HS
SA	0951	250 - OVC	20			167	74	15	06	03		009	803 1001 44	HS
SA	1052	250 - BKN	20			158	78	14	15	07		007		HS
SA	1151	250 - OVC	20			148	83	20	18	05		005		HS
SA	1250	250 - OVC	20			141	82	20	07	08		003	722 1001	HS
SA	1350	250 - OVC	20			129	83	20	30	06		000		HS
SA	1450	250 - OVC	20			127	82	18	19	10		999		HS
SA	1550	250 - OVC	20			128	82	18	22	10		999	612 1007 85 RADAT 20129	CH
SA	1650	250 - OVC	20			130	79	16	24	06		999		CH
SA	1750	250 - OVC	20			128	76	13	32	04		997		CH
SA	1850	250 - OVC	20			132	66	15	03	04		999	500 1007	CH
SA	1950	250 - OVC	20			133	62	13	07	05		000		CH
SA	2050	250 - OVC	20			136	58	11	00	00		001		CH
SA	2150	250 - OVC	20			132	55	10	00	00		000	003 1007 85	CH
SA	2250	250 - OVC	20			130	56	8	07	04		000		CH
SA	2350	250 - OVC	20			128	53	8	00	00		000		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

MF 1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR. 11, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.680			20	4	4	CI	250												1	8	.030			00-01
01 50	26.680			18	4															1					01-02
02 50	26.690			18	4															1					02-03
03 50	26.670			23	2	2	CI	250												0	8	.010			03-04
04 50	26.670			22	6															1					04-05
05 50	26.680			22	10															2					05-06
06 50	26.690			17	10	10	CI	250												2	3	.020			06-07
07 50	26.690			13	10															1					07-08
08 58	26.690			11	10															1					08-09
09 51	26.680			10	10	10	CI	250												1	8	.010			09-10
10 52	26.660			9	9															2					10-11
11 51	26.640			10	10															3					11-12
12 50	26.615			10	10	10	CI	250												2	7	.065			12-13
13 50	26.590			10	10															3					13-14
14 50	26.580			9	10															4					14-15
15 50	26.580			9	10	10	CS	250												4	6	.035			15-16
16 50	26.580			9	10															4					16-17
17 50	26.570			9	10															4					17-18
18 50	26.580			14	10	10	CS	250												3	5	.000			18-19
19 50	26.590			14	10															3					19-20
20 50	26.600			15	10															3					20-21
21 50	26.590			16	10	10	CS	250												3	0	.010			21-22
22 50	26.590			14	10															2					22-23
23 50	26.590			16	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	52	44	X	X						X		
	0348	1	0	0	0	54	44		0								
	0949	2	0	0	0	75	44		0								
	1548	3	0	0	0	85	74		0								
	2148	4	0	0	0	82	55		0								
	MID.	X	0	0	0	56	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.580	26.590
BAROGRAPH 64	26.680	26.695	26.580	26.585
BAR. CORR. 65	-.010	-.015	± 0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	44	0	0	0	17	SW	1523					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:16 SUNSET 18:14

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1075 5 / 1610 /

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR. 12, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250-OVC	20			128	54	11	02	06		000	400 1007	CH
SA	0150	250-OVC	20			129	51	11	09	05		000		CH
SA	0250	250-OVC	20			131	49	10	35	06		000		CH
SA	0351	250-SCT	20			128	47	11	04	04		999	803 1008 47 RADAT 20128	HS
SA	0450	250-SCT	20			128	47	11	34	06		998		HS
SA	0550	250-BKN	20			134	49	13	06	04		000		HS
SA	0650	250-OVC	20			136	57	19	17	03		000	103 1001	HS
SA	0751	250-OVC	20			133	65	15	00	00		000		HS
SA	0850	250-OVC	20			134	72	14	33	05		001		HS
SA	0952	250-OVC	20			134	77	16	34	04		001	102 1001 46	HS
SA	1054	250-OVC	20			124	80	17	19	09		999		HS
SA	1150	250-OVC	20			118	81	19	22	16		996		HS
SA	1250	250-OVC	20			118	81	18	23	14	G20	996	612 1007	HS
SA	1350	E250 OVC	20			112	81	18	24	15	G23	994		HS
SA	1450	E250 OVC	20			106	80	17	23	15	G23	992		HS
SA	1550	E220 OVC	20			111	79	15	21	15	G23	993	510 1007 83 RADAT 22117	CH
SA	1650	E220 OVC	20			115	77	16	22	14		994		CH
SA	1750	E220 OVC	20			115	75	16	21	10		994		CH
SA	1850	E220 OVC	20			113	73	15	18	10		994	103 1007	CH
SA	1950	E220 OVC	20			118	69	18	14	08		996		CH
SA	2050	E220 OVC	20			116	67	20	00	00		996		CH
SA	2150	E220 OVC	20			114	66	24	18	06		996	107 1007 83	CH
SA	2250	E220 OVC	20			111	69	31	21	06		996		CH
SA	2350	E220 OVC	20			111	68	31	20	09		996		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-66)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 12, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.590			18	10	10	CS	250												2	4	.000			00 01
01 50	26.590			20	10															3					01-02
02 50	26.590			20	10															3					02-03
03 51	26.580			23	5	5	CS	250												1	8	.010			03-04
04 50	26.575			23	3															0					04-05
05 50	26.590			24	8															1					05-06
06 50	26.590			23	10	10	CI	250												1	1	.010			06-07
07 51	26.590			14	10															0					07-08
08 50	26.595			11	10															1					08-09
09 52	26.595			10	10	10	CI	250												1	1	.005			09-10
10 54	26.580			10	10															3					10-11
11 50	26.560			10	10															4					11-12
12 50	26.560			10	10	10	CS	250												5	6	.035			12-13
13 50	26.540			10	10															6					13-14
14 50	26.520			9	10															8					14-15
15 50	26.530			9	10	10	CS	E230												8	5	.030			15-16
16 50	26.540			10	10															8					16-17
17 50	26.540			11	10															7					17-18
18 50	26.540			11	10	10	CS	E220												7	1	.010			18-19
19 50	26.560			14	10															7					19-20
20 50	26.560			17	10															7					20-21
21 50	26.560			20	10	10	CS	E220												8	1	.020			21-22
22 50	26.560			24	10															6					22-23
23 50	26.560			25	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	54	47	X	X						X		
	0349	1	0	0	0	56	47		0								
	0950	2	0	0	0	78	46		0								
	1548	3	0	0	0	83	77		0								
	2148	4	0	0	0	79	62		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.	26.530	26.560
BAROGRAPH 64	26.580	26.595	26.525	26.550
BAR. CORR. 65	0		+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	46	0	0	0	26	S	1135					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0515 SUNSET 1815

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1060 / 1630 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION WSMO, DESERT ROCK NEVADA

DATE APR. 13, 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	E 220 OVC	20			111	67	32	27	06		996	400 1007	CH
SA	0150	E 220 OVC	20			112	65	31	18	08		996		CH
SA	0250	E 220 OVC	20			108	67	30	18	10		995		CH
SA	0350	E 200 OVC	20			102	65	30	18	09		993	810 1007 64 RADAT 53116	HS
SA	0450	130 SCT E200 OVC	20			099	65	30	18	06		992		HS
SA	0550	80SCT 120SCT E200 OVC	20			099	68	30	30	06		992		HS
SA	0650	70SCT E120 BKN 200 OVC	20			099	69	31	19	13		992	603 1277	HS
SA	0755	70SCT E120 BKN 200 OVC	20			101	71	39	17	15	622	992	RB37E46	HS
SA	0850	70SCT E120 BKN 200 OVC	20			104	70	38	14	09		993	RWW OMTNS SE	HS
SA	0952	70SCT E120 BKN 200 OVC	20			101	70	39	06	03		992	RWW OMTNS SE VIRGA	/
~~SA~~		~~70SCT E110 BKN 200 OVC~~	~~20~~			101	71	36				~~992~~	ALQDS 00000 1277 63	HS
SA	1053	70SCT E110 BKN 2000VC	20			101	71	36	20	13		992	RWW OMTNS SE	HS
SA	1150	70SCT E110 OVC	20			097	70	36	19	13	624	991	RWW OMTNS SE	HS
SA	1251	50SCT E 1100VC	20			105	65	42	19	16	629	992	MTN TPS OBSCD SE 500	/
/													1811	HS
SA	1350	50SCT E 110 OVC	20		RW-	099	63	44	22	14	622	990	MTN TPS OBSCD SE PCPN	/
/			10										VRY LGT RB47	HS
SA	1450	M50BKN 100 OVC	~~2~~		RW-	107	58	50	16	03		992	RE08B25	HS
SA	1550	M 50 OVC	7		RW-	110	56	52	07	05		992	50011 1211 72 RADAT 94097	CH
SA	1650	M 50 OVC	7		RW-	102	57	52	08	05		990		CH
SA	1750	M 50 OVC	7		RW-	095	57	54	12	04		988		CH
SA	1850	22 SCT M 50 OVC	7		RW-	095	56	54	18	06		988	61004 ~~18~~ 2 11	CH
SA	1950	M 50 OVC	7		RW-	095	54	52	07	08		988		CH
SA	2050	M 50 OVC	7		RW-	093	54	48	10	10		987		CH
SA	2150	M 55 OVC	7		RW-	094	53	49	11	10		987	60311 1211 72	CH
SA	2250	M 55 OVC	7		RW-	090	52	49	12	09		986		CH
SA	2350	M 45 OVC	7		RW-	087	52	50	12	04		985		CH

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iiiii $i_R i_X$ hVV Nddff 1sn TTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR. 13, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40
00 50	26.560			27	10	10	CS	E220												6	4	.000		
01 50	26.560			28	10															6				
02 50	26.550			25	10															6				
03 50	26.530			27	10	10	Cs	E200												9	8	.030		
04 50	26.520			27	10															10				
05 50	26.520			24	10															10				
06 50	26.520			25	10	3	Cu	70	4	Ac	E120	7	3	Cs	200	10				10	6	.010		
07 55	26.520			32	10															10				
08 50	26.525			31	10															10				
09 52	26.520			32	10	2	Cu	70	7	Ac	E120	9	1	Cs	200	10				10	0	.000		
10 53	26.520			29	10															10				
11 50	26.510			29	10															10				
12 51	26.520			41	10	4	Sc	50	6	Cu	E110	10								10	5	.000		
13 50	26.500			50	10															10				
14 50	26.520			76	10															10				
15 50	26.520			86	10	10	Cu	M50												10	5	.000		
16 50	26.500			83	10															10				
17 50	26.490			90	10															10				
18 50	26.490			93	10	4	Cu	22	6	Cu	M50	10								10	6	.030		
19 50	26.490			93	10															10				
20 50	26.480			80	10															10				
21 50	26.480			87	10	10	Cu	M55												10	6	.010		
22 50	26.470			90	10															10				
23 50	26.460			93	10															10				

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	69	64	X	X						X		
	0348	1	0	0	0	70	64		0								
	0950	2	T	0	0	71	63		0								
	1548	3	.11	0	0	72	56		2								
	2148	4	.11	0	0	57	53		2								
	MID.	X	.04	0	0	53	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1548	214
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.520	26.520	26.4
BAROGRAPH 64	26.530	26.530	26.520	26.4
BAR. CORR. 65	0	*-.010	± 0	+.01

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	51	.26	0	0	31	S	1257					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0737	0746			
RW-	1347	1408			
RW-	1425	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0513 SUNSET 1816

TOTAL SUNSHINE (MIN.) | PERCENT OF POSSIBLE SUNSHINE | CHARACTER OF SUNRISE | CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1062O/1701 /

0650/0650 1053/1053 1850/1850

*BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR. 14, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	M 45 OVC	7		RW-	089	52	51	14	07		985	60707 12//	CH
SA	0150	M 45 OVC	7		RW-	083	53	50	12	07		983		CH
SA	0250	M 45 OVC	7			082	52	50	14	06		982	RE14 ~~1506~~	CH
SA	0350	M45 BKN 200 BKN	10			081	52	50	18	10		982	61~~2~~ ~~1506~~ 51 ~~2~~ 20031	/
													RADAT 94085	008
SA	0450	20 SCT M 50 BKN 150 BKN 250 BKN	20			082	52	50	15	12		982		008
SA	0550	20 SCT ~~500~~ 50 SCT 150 SCT 250-BKN	20			088	51	50	16	09		983		008
SA	0651	50 SCT 100 SCT E ~~250 SCT~~ BKN	20			089	54	50	14	09		984	308 1806	008
SA	0750	50 SCT 100 SCT 250 - BKN	20			086	58	48	14	07		984		008
SA	0852	100 SCT E 250 OVC	20			085	61	49	12	10		984		008
SA	0951	E 45 BKN 100 OVC	20			088	62	47	09	08		985	171/ 51 30J	008
SA	1052	E 45 BKN 100 OVC	20			084	61	47	22	18	G25	983	CB N SE MOVG N	008
SA	1151	E 55 BKN 200 OVC	20			071	63	47	22	19	G25	980	CB NE SE MOVG N	008
SA	1254	30 SCT E 70 BKN 200 BKN	20			071	64	45	22	15	G20	980	CB N-SE MOVG N/615 1806	008
SA	1353	30 SCT E 50 BKN 100 OVC	15		RW-	068	63	45	20	20	G27	980	CB OVHD MVG N RB51	008
SA	1450	E 40 OVC	15			064	63	47	22	16	G21	977	RE03 CB ALQDS	008
SA	1550	M 50 OVC	20			065	60	45	13	10		977	CB ALQDS MOVG N RWU ALQDS/	/
/													60700 13// 66 RADAT 95094	CRD
SP	1606	M 50 OVC	15		~~TRW~~ TRW				12	13		977	*CB ALQDS ~~OVHD~~ MOVG W LTGCG NE	/
/													*TB06 OVHD MOVG W RB05	CRD
SP	1635	M 41 OVC	5		TRWA				24	20	G31	982	T NW MOVG NE LTGCG NE	/
/													CB ALQDS. AB33	CRD
SP	1639	M 45 OVC	15		TRW-				25	16		982	T NW MOVG NE LTGCG NE	/
/													CB ALQDS AE38	CRD
SA	1656	45 SCT M 65 OVC	20		TRW-	079	50	49	29	08		980	TB06 N MOVG NE OCNL LTGCG	/
/													N CB ALQDS AB33 E38 RB05	CRD
SP	1721	45 SCT M65 BKN 250 OVC	20						02	08		979	TE19 MOVD N CB ALQDS	/
/													RE19	CRD
SA	1750	45 SCT 65 SCT E250 OVC	20			069	52	48	03	06		977	TE19 MOVD N RE19	CRD
SA	1853	45 SCT 150 SCT E250 OVC	20			068	52	48	03	13		977	00018 1577	CRD
SA	1950	45 SCT 90 SCT E250 OVC	20			074	52	47	02	10		980		CRD
SA	2051	45 SCT 90 SCT E250 OVC	20			076	50	50	20	03		981		CRD
SA	2155	45 SCT 90 SCT E250 OVC	20			076	52	47	06	12		981	11018 1507 66	CRD
SA	2250	M 50 BKN 90 BKN 250 OVC	20		RW-	096	50	49	05	08		983	RB10	CRD
SA	2354	20 SCT M 75 BKN 250 OVC	20			081	50	49	34	05		982	RE35	CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

(4-85)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 14, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O-PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR
00 50	26.460			96	10	10	CU	M45												10	6	.020			00-01
01 50	26.440			90	10															10					01-02
02 50	26.430			93	10															10					02-03
03 50	26.425			93	8	6	SC	M45	2	CS	200	8								7	6	.035			03-04
04 50	26.430			93	9															7					04-05
05 50	26.440			97	6															2					05-06
06 51	26.450			86	7	1	SC	50	4	CU	100	5	2	CI	E250	7				4	3	.025			06-07
07 50	26.445			69	7															2					07-08
08 52	26.445			65	10															6					08-09
09 51	26.455			58	10	9	CUFRA	E45	1	AS	100	10								10	3	.005			09-10
10 52	26.440			60	10															10					10-11
11 51	26.440			56	10															9					11-12
12 54	26.410			50	8	1	CUFRA	30	5	CB	E70	6	2	CI	200	8				8	6	.045			12-13
13 53	26.405			52	10															10					13-14
14 50	26.390			56	10															10					14-15
15 50	26.390			58	10	10	CB	M50												10	6	.020			15-16
16 56	26.410			96	10															10					16-17
17 50	26.390			86	10															10					17-18
18 53	26.390			86	10	3	SC	45	2	AC	150	5	5	CS	E250	10				9	0	.000			18-19
19 50	26.410			83	10															7					19-20
20 51	26.420			99	10															7					20-21
21 55	26.420			83	10	2	SC	45	3	SC	90	5	5	CS	E250	10				7	1	.030			21-22
22 50	26.440			96	10															10					22-23
23 54	26.430			96	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	.05	0	X	54	52	X	X						X		
	0349	1	.09	0	0	54	51		2								
	0950	2	0	0	0	62	51		1								
	1546	3	T	0	0	66	59		1								
	2150	4	.18	T*	0	60	50		2								
	MID.	X	.02	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1549	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.425	26.435	26.390	26.420
BAROGRAPH 64	26.445	26.435	26.380	26.420
BAR. CORR. 65	+.010	+.020	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	50	.25	#	0	31	SW	1629					9	9		

WEATHER & OBSTRUCTIONS TO VISION TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT	0214			
RW-	1351	1403			
RW	1605	1610			
T	1606	1719			
RW-	1610	1631			
RW	1631	1637			
A	1633	1638			
RW-	1637	1719			
RW-	2210	2335			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0512 SUNSET 1817

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040SP / 1800P /

0350/~~Z~~/0349 0350/1506/0349

0550/~~500~~-50/0549

0651/BKM/0650

1606/1606

*-HAIL ~~#~~ T

T-MELTED AS IT FELL

1656/RB05/1300-18

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: APR 15 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ines.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	20 SCT E 90 OVC	20			068	50	49	05	09		979	80702 177/	CRD
RS	0150	9 SCT M12 OVC	10		RW-	073	50	49	17	06		980	RB25	CRD
SP	0220	9 SCT 12 SCT M50 OVC	10		RW-				04	04		979		CRD
SA	0250	12 SCT M41 OVC	10		RW-	069	49	49	21	05		979		CRD
SA	0350	12 SCT M45 OVC	10		RW-	072	47	47	19	05		979	00021 14// 47 20039	
													RADAT 94085	008
RS	0451	3 SCT 12 SCT M45 OVC	7		RW-	090	47	47	21	13		983		008
SP	0535	M7 OVC	5		RW-				25	10		985		008
RS	0554	M5 OVC	5		RW-	099	46	46	23	09		985		008
SP	0625	M 10 OVC	5		RW-				22	06		986		008
RS	0654	12 SCT M40 OVC	5		RW-	104	46	45	23	07		986	32417 14//	008
SP	0712	M10 OVC	2		RW				20	06		987		008
RS	0655	3 SCT 10 SCT M45 OVC	3		RW-	115	46	46	25	05		990		008
SP	0825	8 SCT M45 ⊕	5		RW-				01	08		990		008
SA	0850	12 SCT M40 OVC	5		RW-	117	47	46	25	06		991	VSBY LWR SW	008
SP	0906	M25 OVC	3		RW-				29	08		990		008
SP	0928	M7 BKN 14 OVC	3		RW-				21	10		992	VSBY LWR S	008
RS	0953	M5 BKN 14 OVC	3		RW-	123	45	45	22	11		992	21740 17// 45	008
SP	1028	7 SCT M12 OVC	4		RW-				26	10		993		008
RS	1050	M10 BKN 30 OVC	5		RW-	129	46	45	26	11		994	VSBY LWR E	008
RS	1150	M10 BKN 35 OVC	3		RW	132	46	44	24	08		994	VSBY LWR E	008
SP	1229	7 SCT M30 OVC	4		RW-				27	05		995	VSBY LWR E	008
SA	1250	7 SCT M35 OVC	4		RW-	137	47	43	31	05		996	VSBY LWR E/21212 172/	008
SA	1355	12 SCT M35 OVC	7		RW-	126	48	42	23	05		993	BINOVC	008
RS	1450	7 SCT M30 OVC	7			118	49	44	06	03		991	RE45	008
SA	1557	7 SCT M30 BKN 250 OVC	20			117	50	44	31	04		991	71713 1707 50 RADAT 95079	CRD
SA	1652	30 SCT E150 BKN 250 OVC	20			111	51	45	30	04		988		CRD
SA	1754	30 SCT E150 BKN 250 OVC	20			112	50	45	19	05		988		CRD
SA	1850	M45 BKN 250 OVC	20			116	50	46	13	06		990	502 1507	CRD
SA	1950	M45 OVC	20			116	50	46	05	05		990		CRD
SA	2050	M45 OVC	20			112	50	43	11	12		988		CRD
SA	2150	M35 OVC	20			115	50	44	09	09		990	500 15// 53	CRD
SA	2254	M38 OVC	20			112	49	46	23	03		998		CRD
SA	2350	M32 OVC	20			113	48	47	24	07		988	RB35E42	CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 15 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.400			96	10	3	CUFRA	20	7	Ac	E90	10								10	8	.020			00-01
01 50	26.410			96	10															10					01-02
02 50	26.400			99	10															10					02-03
03 50	26.400			100	10	3	CUFRA	12	7	SC	M45	10								10	0	.000			03-04
04 51	26.435			100	10															10					04-05
05 54	26.460			100	10															10					05-06
06 54	26.470			97	10	3	CUFRA	12	7	SC	M40	10								10	3	.070			06-07
07 55	26.520			100	10															10					07-08
08 50	26.505			97	10															10					08-09
09 53	26.520			100	10	8	CUFRA	M5	2	CUFRA	14	10								10	2	.050			09-10
10 50	26.535			97	10															10					10-11
11 50	26.540			93	10															10					11-12
12 50	26.555			86	10	5	CUFRA	7	5	NS	M35	10								10	2	.035			12-13
13 55	26.530			80	10															10					13-14
14 50	26.510			83	10															10					14-15
15 57	26.505			80	10	5	CUFRA	7	3	Sc	M30	8	2	CS	250	10				10	7	.050			15-16
16 52	26.490			80	10															8					16-17
17 54	26.490			83	10															9					17-18
18 50	26.500			86	10	6	Sc	M45	4	CS	250	10								8	5	.005			18-19
19 50	26.500			86	10															10					19-20
20 50	26.490			77	10															10					20-21
21 50	26.500			80	10	10	Sc	M35												10	5	.000			21-22
22 54	26.490			89	10															10					22-23
23 50	26.490			97	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	.19	0	X	50	47	X	X						X		
	0349	1	.21	0	0	53	47		2								
	0951	2	.40	0	0	48	45		2								
	1552	3	.13	0	0	50	45		2								
	2147	4	0	0	0	51	49		1								
	MID.	X	T	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1555	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.520	26.505	26.500
BAROGRAPH 64	26.410	26.515	26.505	26.510
BAR. CORR. 65	-.010	+.005	0	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	45	.72	0	0	23	SW	0453					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0125	0140			
RW	0140	0145			
RW-	0145	1445			
RW-	2335	2342			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0511 SUNSET 1818

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040P / 1800P /

08/0755/0754

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: APR 16 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0053	15 SCT M 32 OVC	20			113	48	47	19	05		988	60300 15//	CRD
SA	0150	13 SCT 32 SCT M 50 OVC	20			109	47	46	21	04		987		CRD
RS	0253	M14 BKN 50 OVC	20			108	47	46	21	07		987		CRD
RS	0350	M15 BKN 50 OVC	20			115	47	46	22	06		990	30300 14// 47 20053 RAMT 94084	CRD
RS	0450	M12 BKN 50 OVC	20			115	47	47	23	04		990		CRD
RS	0550	M10 BKN 50 OVC	20			110	47	47	20	04		988		CRD
RS	0650	M7 BKN 50 OVC	20			122	48	48	23	05		992	307 14//	CRD
RS	0750	M10 BKN 40 OVC	20			121	49	47	20	05		992		CRD
RS	0853	M11 BKN 40 OVC	20			124	51	48	20	07		993	B1NOVC	CRD
SA	0953	M11 BKN 40 OVC	20			124	52	48	22	11		993	103 14// 47	CRD
RS	1050	M16 BKN 40 OVC	20			121	54	48	22	10		993		CRD
RS	1150	~~16 BKN~~ M 16 SCT M22 BKN 40 OVC	20			123	55	47	23	13		993		CRD
RS	1251	20 SCT E80 BKN 200 OVC	20			119	56	47	23	12		992	703 1207	CRD
SA	1355	20 SCT E80 OVC	20			119	57	46	23	14		992		CRD
SA	1452	20 SCT E80 OVC	20			115	58	47	23	14		991		CRD
SA	1550	30 SCT M55 OVC	20			111	57	46	24	10		990	807 12// 58 RADAT 94092	CRD
SA	1653	M32 BKN 150 OVC	20			110	57	46	24	10		990		CRD
SA	1751	M35 OVC	20			108	56	44	23	10		988		CRD
SA	1851	M50 BKN 250 OVC	20			108	55	45	32	07		988	603 1407	CRD
SA	1955	M60 BKN 250 OVC	20			108	56	45	28	06		988		CRD
SA	2052	M60 OVC	20			109	55	46	28	06		990		CRD
SA	2152	M65 OVC	20			111	55	46	26	10		991	305 15// 58	CRD
SA	2250	M70 OVC	20			107	54	45	27	09		988		CRD
SA	2352	M70 OVC	20			105	54	45	29	10		988		CRD

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 16 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.490			96	10	5	Sc	15	5	Sc	M32	10								10	6	.010			00-01
01 50	26.480			96	10															10					01-02
02 53	26.480			96	10															10					02-03
03 50	26.500			96	10	6	CUFRA	M15	4	Sc	50	10								10	3	.010			03-04
04 50	26.500			100	10															10					04-05
05 50	26.490			100	10															10					05-06
06 50	26.520			100	10	6	CUFRA	M7	4	Sc	50	10								10	3	.020			06-07
07 50	26.520			93	10															10					07-08
08 53	26.530			90	10															10					08-09
09 53	26.530			86	10	8	CUFRA	M11	2	Sc	40	10								10	1	.010			09-10
10 50	26.525			80	10															10					10-11
11 50	26.530			74	10															10					11-12
12 51	26.520			72	10	3	CUFRA	20	5	Cu	E80	8	2	Cs	200	10				10	7	.010			12-13
13 55	26.520			67	10															10					13-14
14 52	26.510			67	10															10					14-15
15 50	26.500			67	10	5	CuFRA	30	5	Cu	M55	10								10	8	.020			15-16
16 53	26.495			67	10															10					16-17
17 51	26.490			64	10															10					17-18
18 51	26.490			69	10	8	Sc	M50	2	Cs	250	10								10	6	.010			18-19
19 55	26.490			66	10															10					19-20
20 52	26.500			72	10															10					20-21
21 52	26.505			72	10	10	Sc	M65												10	3	.015			21-22
22 50	26.490			72	10															10					22-23
23 52	26.490			72	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		49	47										
	0349	1	T	0	0	51	47		1								
	0952	2	0	0	0	53	47		1								
	1546	3	0	0	0	58	52		1								
	2148	4	0	0	0	57	54		1								
	MID.		0	0	0	55	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.500	26.500	26.505
BAROGRAPH 64	26.515	26.540	26.510	26.510
BAR. CORR. 65	-.015	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4PM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	47	0	0	0	21	SW	1445					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1819

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1031BP/1800P /

1150/16BRN/16 SCT/1149

0356/AMES 20053/1730

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 17 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	M65 OVC	20			097	53	46	26	11		986	812 15//	CRD
SA	0151	M65 OVC	20			097	53	46	27	10		986		CRD
SA	0250	M65 OVC	20			097	52	46	26	13		986		CRD
SA	0350	M65 OVC	20			097	51	45	26	10		986	400 15// 51	Dca
/													RADAT 94094	/
SA	0455	M41 BKN 65 OVC	20			097	51	45	26	12		986		Dca
SA	0550	M41 BKN 55 OVC	20		106	097	51	45	26	08		988		Dca
SA	0650	M35BKN 50 OVC	20			111	51	45	27	10		990	RB05E39 RWU N-E/	Dca
/													31000 15//	/
SA	0751	M35BKN 50 OVC				116	53	46	26	08		992	*SML B/NOVC SW *RB	Dca
/													145E11	/
SA	0850	35SCT 50SCT E80BKN 250 OVC	20			116	54	46	24	12		992		Dca
SA	0950	35SCT M60 BKN 80BKN 250OVC	20			115	56	46	25	11 G20		992	10700 1531 51	Dca
SA	1050	35SCT 60SCT E80BKN 250 OVC	20			115	56	46	24	12G21		992		Dca
SA	1152	60SCT E80BKN 250 BKN	20			115	60	47	23	12G20		992	Cu ALQDS	Dca
SA	1250	60SCT E 80BKN 250 OVC	20			110	63	48	23	14		991	TCu ALQDS/803 1231	Dca
SA	1351	60 SCT E250 OVC	20			104	66	49	23	14		990	TCu W-E	Dca
SA	1450	60SCT E250 OVC	20			093	68	48	23	13		986		Dca
SA	1555	60SCT E250 BKN	20			091	68	47	23	14		986	614 1108 69 RADAT	JS
/													67102	/
SA	1654	60SCT E250 BKN	20			091	68	46	23	13		986		JS
SA	1754	60SCT 250-OVC	20			100	66	46	25	07		988		JS
SA	1853	60SCT 250-OVC	20			106	63	47	31	05		990	310 1108	JS
SA	1953	60 SCT 250-BKN	20			117	61	49	03	08		993		JS
SA	2053	60 SCT	20			126	56	50	13	15		995		JS
SA	2154	80 SCT E250 OVC	20			131	54	50	12	08		996	120 1108 69	JS
SA	2255	100 SCT E250 OVC	20			133	53	50	12	10		997		JS
SA	2354	100 SCT E250 OVC	20			135	52	49	13	12		998		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 17 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.470			77	10	10	Sc	M65												10	8	.035			00-01
01 51	26.470			77	10															10					01-02
02 50	26.470			80	10															10					02-03
03 50	26.470			80	10	10	Sc	M65												10	4	.000			03-04
04 55	26.470			80	10															10					04-05
05 50	26.490			80	10															10					05-06
06 50	26.500			80	10	7	Sc	M35	3	Sc	50	10								10	3	.030			06-07
07 51	26.520			77	10															10					07-08
08 50	26.520			74	10															9					08-09
09 50	26.520			69	10	3	Sc	35	3	Sc	M60	6	2	Ac	80	8	2	Ci	250	10	1	.020			09-10
10 50	26.520			69	10															10					10-11
11 52	26.520			62	9															8					11-12
12 50	26.510			58	10	3	TCu	60	3	Ac	E80	6	4	Ci	250	10				8	8	.010			12-13
13 51	26.500			54	10															7					13-14
14 50	26.470			49	10															7					14-15
15 55	26.470			47	9	1	Cu	60	9	CS	E250	9								7	6	.040			15-16
16 54	26.470			47	9															7					16-17
17 54	26.490			49	10															5					17-18
18 53	26.500			56	10	2	Cu	60	8	CS	250	10								4	3	.030			18-19
19 53	26.530			67	8															3					19-20
20 53	26.550			82	4															4					20-21
21 54	26.560			85	10	2	Cu	80	8	CS	E250	10								7	1	.060			21-22
22 55	26.565			88	10															8					22-23
23 54	26.575			90	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		54	51										
	0348	1	0	0	0	55	51		1								
	0948	2	T	0	0	57	51		0								
	1551	3	0	0	0	69	56		0								
	2151	4	0	0	0	69	54		0								
	MID.		0	0	0	54	52										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1555	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.520	26.470	26.560
BAROGRAPH 64	26.475	26.530	26.480	26.555
BAR. CORR. 65	-.005	-.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	51	T	0	0	22	SW	1022					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0605	0639			
RW-	0655	0711			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0508 SUNSET 1820

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 AP / 1721 P /

0550 / 0550

0751 / 0751

MF1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 18 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0053	100 SCT 250 - OVC	20			135	51	49	11	08		998	105 1508	JS
SA	0150	250 - SCT	20			136	50	49	11	05		999		JS
SA	0250	250 - OVC	20			136	48	47	07	06		000		JS
SA	0350	250 - OVC	20			140	49	48	12	07		001	207 1007 46 RADAT	Dla
													54096	
SA	~~0457~~ 0455	70 SCT 250 SCT	20			140	49	48	00	00		001		Dla
SA	0550	100 SCT 250 - SCT	20			140	49	48	07	08		001		Dla
SA	0650	250 - OVC	20			143	53	49	03	03		002	FOG BANK SE-S/303 1007	Dla
SA	0751	100 SCT 250 - OVC	20			144	57	49	17	06		002	Sc E	Dla
SA	0850	100 SCT 250 - SCT	20			144	61	45	23	04		002	Cu ALQDS	Dla
SA	0952	60 SCT 100 SCT 250 SCT	20			141	62	44	22	07		001	802 1131 46	Dla
SA	1050	60 SCT 100 SCT 250 SCT	20			140	63	43	21	10		001	TCu N-S	Dla
SA	1150	60 SCT 100 SCT E 250 BKN	20			134	66	44	24	10		999	CB NE STNRY TCu NW-SE	Dla
SA	1250	60 SCT 100 SCT E 250 BKN	20			129	66	43	23	11G18		997	CB NE AND SE STNRY	Dla
SA	1350	60 SCT 100 SCT E 250 BKN	20			123	68	41	23	14G23		995	/710 1963	Dla
~~SA~~	~~1451~~												CB NE STNRY	Dla
SA	1451	60 SCT 250 SCT	20			111	69	39	23	09G18		992	TCu N-S	Dla
SA	1553	70 SCT	20			114	68	41	21	10		993	575 1100 69	JS
													RADAT 54101	
SA	1656	70 SCT	20			107	68	42	18	15		991		JS
SA	1750	250 - SCT	20			102	66	40	18	15		988	Cu ALQDS	JS
SA	1850	CLR	20			100	64	35	18	12		988	612 1400	JS
SA	1950	250 - SCT	20			106	62	38	35	03		991		JS
SA	2051	80 SCT 250 SCT	20			115	59	40	32	07		994		JS
SA	2153	80 SCT 250 - SCT	20			112	62	38	18	13		993	014 1501 69	JS
SA	2254	80 SCT 250 - SCT	20			112	57	41	07	03		993		JS
SA	2352	250 - OVC	20			106	53	42	03	07		991		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE APR 18 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.575			94	10	1	Sc	100	9	CS	250	10								4	1	.015			00-01
01 50	26.580			94	4															1					01-02
02 50	26.585			97	10															4					02-03
03 50	26.595			97	10	10	Cs	250												2	2	.020			03-04
04 55	26.595			97	5															4					04-05
05 50	26.595			97	3															1					05-06
06 50	26.605			86	10	10	Cs	250												3	3	.010			06-07
07 51	26.610			75	10															4					07-08
08 50	26.610			56	4															2					08-09
09 52	26.600			52	4	2	Cu	60	2	Ac	100	4	0	Ci	250	4				4	8	.005			09-10
10 50	26.595			48	4															4					10-11
11 50	26.580			45	8															5					11-12
12 50	26.570			43	8	3	CB	60	1	Ac	100	4	4	Ci	250	8				6	7	.030			12-13
13 50	26.550			38	7															5					13-14
14 51	26.520			34	3															3					14-15
15 53	26.525			38	2	2	Cu	70												2	5	.045			15-16
16 56	26.510			39	2															2					16-17
17 50	26.490			38	3															1					17-18
18 50	26.490			35	0	0	Sc	70												0	6	.035			18-19
19 50	26.510			42	4															1					19-20
20 51	26.535			49	4															3					20-21
21 53	26.530			42	4	1	Sc	80	3	Ci	250	4								1	0	.040			21-22
22 54	26.525			55	5															2					22-23
23 52	26.510			67	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	52	46	X	X						X		
	0348	1	0	0	0	54	46		0								
	0948	2	0	0	0	62	49		0								
	1550	3	0	0	0	69	61		0								
	2150	4	0	0	0	69	57		0								
	MID.	X	0	0	0	62	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.600	26.525	26.530
BAROGRAPH 64	26.590	26.615	26.525	26.525
BAR. CORR. 65	+.005	-.015	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	46	0	0	0	26	SW	1331					5	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0507 SUNSET 1820

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0358P / 1921P /

0455/0455

1451/1451

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK, NV

DATE: APR 19 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	250-OVC	20			100	56	38	05	05		989	712 1007	JS
SA	0151	250-OVC	20			099	52	41	06	07		988		JS
SA	0250	E250 OVC	20			104	52	41	32	10		991		JS
SA	0351	E 250 OVC	20			104	52	42	34	06		991	103 1007 50	Dca
													RADAT 48096	
SA	0453	E 200 OVC	20			095	51	44	04	05		987		Dca
SA	0550	120 SCT E200 OVC	20			095	51	44	28	04		987		Dca
SA	0650	100 SCT E 200 OVC	20			101	54	44	30	06		990	503 1037	Dca
SA	0751	100 SCT E 200 OVC	20			099	58	43	36	05		988		Dca
SA	0850	100 SCT E 200 OVC	20			095	59	41	06	08		987	THN SPTS 10VC	Dca
SA	0950	100 SCT E 200 OVC	20			087	63	40	17	06		986	FEW CU NW-N ACSL S-	Dca
													NW/710 1147 50	
SA	1050	E 80 BKN 180 OVC	20			084	65	34	22	21G33		985	CU ALQDS ACSL S-N	Dca
SA	1156	E 80 BKN 180 OVC	20			081	67	34	20	22G33		984	CU ALQDS ACSL S-N	Dca
SA	1250	60 SCT 80 SCT E 180 OVC	20			077	66	36	21	20G27		983	ACSL ALQDS/710 1147	Dca
SA	1356	60 SCT 80 SCT E 180 OVC	20			071	67	38	20	18G28		981	ACSL ALQDS	Dca
SA	1450	60 SCT 80 SCT E 180 OVC	20			057	68	36	18	14G22		976		Dca
SA	1551	70 SCT E 200 OVC	20			054	66	37	18	15G30		975	622 1508 68 RADAT	JS
													63096	
SA	1650	70 SCT E120 BKN 200 OVC	20			050	65	38	21	15G21		974		JS
SA	1752	100 SCT E200 OVC	20			048	64	40	20	12		973		JS
SA	1855	120 SCT E250 OVC	20			045	63	41	18	10		973	708 1078	JS
SA	1953	120 SCT E250 OVC	20			054	59	37	23	12		975		JS
SA	2052	110 SCT E250 OVC	20			055	57	37	00	00		975		JS
		~~E110 SCT~~												
SA	2153	E110 BKN 250 OVC	20			045	57	37	17	06		973	002 1078 68	JS
SA	2254	110 SCT E250 OVC	20			043	56	38	21	08		973		JS
SA	2350	110 SCT E200 OVC	20			038	56	38	22	10		972		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (1-82) WHICH MAY BE USED

FORM E-6
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE APR 19 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.495			52	10	10	CS	250												4	7	.035			00-01
01 51	26.490			67	10															4					01-02
02 50	26.505			65	10															7					02-03
03 51	26.505			69	10	10	Cs	E250												10	1	.010			03-04
04 53	26.480			77	10															10					04-05
05 50	26.480			77	10															10					05-06
06 50	26.495			69	10	4	Ac	100	10	CS	E200	10								8	5	.010			06-07
07 51	26.490			58	10															9					07-08
08 50	26.475			51	10															7					08-09
09 50	26.465			43	10	0	Cu	60	4	Acsl	100	4	10	Cs	E200	10				8	7	.030			09-10
10 50	26.455			32	10															10					10-11
11 56	26.445			29	10															9					11-12
12 50	26.435			33	10	1	Cu	60	3	Acsl	80	4	10	Cs	E180	10				9	7	.030			12-13
13 56	26.415			35	10															9					13-14
14 50	26.380			31	10															8					14-15
15 51	26.370			34	10	2	Sc	70	8	CS	E800	10								10	6	.065			15-16
16 50	26.355			37	10															10					16-17
17 52	26.350			41	10															10					17-18
18 55	26.345			45	10	3	Ac	120	7	CS	E250	10								10	7	.025			18-19
19 53	26.370			44	10															10					19-20
20 52	26.370			47	10															8					20-21
21 53	26.350			47	10	6	Ac	E110	4	CS	250	10								10	0	.005			21-22
22 54	26.345			51	10															10					22-23
23 50	26.335			51	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	56	50	X	X						X		
	0345	1	0	0	0	62	50		0								
	0947	2	0	0	0	63	50		0								
	1549	3	0	0	0	68	63		0								
	2150	4	0	0	0	66	57		0								
	MID.	X	0	0	0	58	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.465	26.370	26.350
BAROGRAPH 64	26.505	26.475	26.385	26.360
BAR. CORR. 65	±.000	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	50	0	0	0	33	5	1157					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0505 SUNSET 1821

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT 0325A 1943P / /

2052 / 2052

Last of Several Occurrences

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 20 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	110 SCT E250 BKN	20			041	57	37	22	13G22		972	703 1078	JS
SA	0150	110 SCT E250 BKN	20			033	56	37	18	10		970		JS
SA	0250	50 SCT E110 BKN 200 OVC	20			034	54	42	24	13		970	RB15E40	JS
SA	0350	~~M BKN 110 OVC~~	20		RW-	043	50	46	22	16		972	*RB31 50000 153/ 50	Dca
		M 50 BKN 110 OVC											RADAT 87081	
SA	0451	35 SCT M50BKN 80 OVC	20		RW-	049	49	48	22	15G24		973	CIG RGD	Dca
SA	0550	30 SCT M50 BKN 80 BKN	20		RW-	056	47	43	21	23G33		975	CIG RGD VSBY LWR W	Dca
SA	0657	M 38 BKN 50 OVC	20		RW-	057	47	42	21	22G39		975	CIG RGD VSBY LWR W*	Dca
													10806 15// *PK WND 2239	72
SA	0750	38 SCT M50BKN 80 OVC	20		RW-	062	48	42	21	18G30		976	CIG RGD THN SPTS 10VC	Dca
SA	0850	M50 BKN 80 OVC	20			067	48	42	20	13		977	RE47 *OCNL SPRNKL	Dca
													* LWR CLDS OMTNS	Dca
													ALQDS	
SP	0919	M 30 BKN 50 OVC	20		RW				22	15		980	CIG RGD	Dca
SA	0950	M 30 BKN 50 OVC	20		RW-	075	48	42	18	08		980	*CIG RGD VSBY LWR S-W/	Dca
													31415 15// 46 *RB09	
SP	1027	M 28 BKN 45 OVC	10		RW-				20	19G29		980	CIG RGD PCPN OCNL	Dca
													MDT	
SA	1050	M 28 BKN 45 OVC	10		RW-	080	45	42	20	16		981	CIG RGD	Dca
SP	1141	25 SCT M45 OVC	20		RW-				20	12G20		979	CIG RGD	Dca
SA	1150	25 SCT M45 OVC	20		RW-	069	47	43	19	12G21		977	*CIG RGD	Dca
SA	1250	25 SCT M50 OVC	20			068	51	41	22	15G25		977	*RE12 /80512	Dca
													15//	
SA	1350	50 SCT E100BKN 250BKN	20			064	53	40	20	15		976	RB14E21 RWU E-S	Dca
SA	1450	M50BKN 100BKN 250 BKN	20			063	51	37	23	13		976	RWU NE-S	Dca
SA	1552	50 SCT	20			054	53	37	19	15G22		973	CB NE MOVG NE/	JS
													714 VR2 1900 54 RADAT 85068	
SA	1650	70 SCT	20			052	53	37	20	18		972		JS
SA	1751	70 SCT	20			054	52	36	21	10G20		972		JS
SA	1852	50 SCT	20			056	51	34	20	10		973	SO2 1500	JS
SA	1950	50 SCT	20			057	49	34	21	08		973		JS
SA	2050	CLR	20			063	46	38	06	03		974	Few Sc @ALQds	JS
SA	2153	CLR	20			070	44	37	04	09		975	208 1500 58	JS
SA	2252	50 SCT E250 OVC	20			073	43	37	02	08		976		JS
SA	2350	50 SCT 250 - OVC	20			064	43	37	00	00		973		JS

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

WSMO, DESERT ROOM, NV

SURFACE WEATHER OBSERVATIONS

DATE APR 20 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.340			47	8	2	Ac	110	6	CS	E250	8								6	7	.010			00-01
01 50	26.320			49	9															8					01-02
02 50	26.320			64	10															9					02-03
03 50	26.340			86	10	6	Sc	M50	4	Ac	110	10								10	5	.000			03-04
04 51	26.350			97	10															10					04-05
05 50	26.365			86	8															8					05-06
06 57	26.365			82	10	6	Sc	M38	10	Sc	50	10								10	1	.025			06-07
07 50	26.375			80	10															9					07-08
08 50	26.385			80	10															10					08-09
09 50	26.405			80	10	6	Sc	M30	10	Sc	50	10								10	3	.040			09-10
10 50	26.415			90	10															10					10-11
11 50	26.390			86	10															10					11-12
12 50	26.390			68	10	3	Sc	25	10	Sc	M50	10								10	8	.015			12-13
13 50	26.380			61	9															8					13-14
14 50	26.375			59	9															8					14-15
15 52	26.350			54	3	3	CB	50												3	7	.040			15-16
16 50	26.340			55	1															1					16-17
17 51	26.340			55	3															3					17-18
18 52	26.345			54	2	2	Sc	50												2	5	.005			18-19
19 50	26.350			65	1															1					19-20
20 50	26.360			74	0															0					20-21
21 53	26.370			77	0	0	Sc	50												0	2	.025			21-22
22 52	26.375			81	10															7					22-23
23 50	26.350			79	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	T	0	X	58	50	X	X						X		
	0348	1	T	0	0	58	50		1								
	0947	2	.15	0	0	51	46		2								
	1548	3	.12	0	0	54	45		1								
	2150	4	0	0	0	54	43		1								
	MID.	X	0	0	0	46	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.340	26.405	26.350	26.370
BAROGRAPH 64	26.336	26.405	26.355	26.360
BAR. CORR. 65	+.010	±000	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
58	42	.27	0	0	39	SW	0648					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0215	0240			
RW-	0331	0847			
RW-	0909	0919			
RW	0919	0929			
RW-	0929	1212			
RW	1314	1321			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0504 SUNSET 1822

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0344P / 1712P /

0350/0350
0850/0850
1250/1250
1552/1552

MF1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 21 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0054	50 SCT E250 OVC	20			052	45	35	17	03		972	812 1508	JS
SA	0153	50 SCT E150 OVC	20			050	44	38	02	05		971		JS
SA	0250	50 SCT 150-BKN	20			035	44	38	07	05		966		JS
SA	0358	55 SCT 200-SCT	20			038	42	38	07	06		967	514 1508 20027	DC
													41 RADAT 89067	
SA	0456	M75 BKN 2000VC	20			036	42	39	33	03		966		DC
SA	0553	M75 BKN 200 BKN	20			036	43	40	00	00		966		DC
SA	0655	75 SCT 200 SCT	20			035	48	39	27	05		966	TCU W / 602 1278	DC
SA	0758	CLR	20			030	50	38	20	07		965	FEW CU TCU	DC
SA	0855	40 SCT 200 SCT	20			030	53	39	23	09		965	FEW TCU	DC
SA	0958	40 SCT 80 SCT E250 BKN	20			031	54	39	23	13		965	FEW TCU / 503 1261	DC
													41	
SA	1058	80 SCT E250 BKN	20			029	55	38	21	13		965	CB W-NE AND SE	DC
													MOVG NE RWU NW-N	
													AND SE	
SA	1156	45 SCT E250 OVC	20			025	56	38	22	17	G22	964	CB RWU W-NE AND	DC
													SE OCNL LTG IC N	
SP	1242	M40 BKN 250 OVC	20		T				23	15		965	T OCNL LTG CG B41	DC
													S MOVG NE CB RWU	
													ALQDS	
SA	1257	M40 BKN 200 OVC	20		TRW-	032	54	37	25	09	G21	966	T B41 OCNL LTG CG	DC
													RW+ S MOVG NE CB	
													ALQDS RB49 / 30200	
													1908	
SP	1326	E45 BKN 2000VC	20						21	16		967	T E25 MOVD NE CB	DC
													RWU ALQDS	
SA	1355	45 SCT E200 OVC	20			034	55	37	20	13		966	T E25 MOVD NE CB	DC
													RWU NW-S RE02	
SA	1456	50 SCT 100 SCT E200 OVC	20			029	56	33	27	06		965	CB TCU ALQDS RWU	DC
													NW-N	
SA	1554	50 SCT E200 OVC	20			027	54	37	02	08		964	CB NE AND S / 80500	JP
									1308		57		RADAT 70075	
SA	1655	50 SCT E200 BKN	20			028	55	35	03	04		964	CB NW AND SE	JP
SA	1754	M55 BKN 200 OVC	20		RW-	032	57	38	04	15		965	CB N AND SE TCU	JP
													ALQDS RB37	
SA	1853	M55 BKN 90 OVC	20			044	48	42	04	10		969	TCU ALQDS RE16 /	JP
													31400 126/	
SA	1956	60 SCT E90 BKN	20			045	49	39	09	08		970	TCU NE	JP
SA	2053	60 SCT	20			048	48	39	11	11		971		JP
SA	2152	60 SCT 200 SCT	20			053	46	41	13	10		972	21000 1408 57	JP
SA	2255	60 SCT 200-BKN	20			053	45	40	15	07		972		JP
SA	2352	200-BKN	20			052	45	40	02	03		972	FEW SC	JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 21 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.335			67	10	2	Sc	50	8	CS	E250	10								10	8	.035			00-01
01 53	26.330			79	10															10					01-02
02 50	26.290			80	8															4					02-03
03 58	26.295			86	5	1	SC	55	5	CS	200	5								1	5	.040			03-04
04 56	26.290			89	10															9					04-05
05 53	26.290			89	8															8					05-06
06 55	26.290			71	2	0	TCu	50	2	AC	75	2	0	CS	200	2				2	6	.005			06-07
07 58	26.275			63	0															0					07-08
08 55	26.275			59	4															4					08-09
09 58	26.280			57	8	2	Cu	40	2	AC	80	4	4	CI	E250	8				5	5	.010			09-10
10 58	26.275			53	9															5					10-11
11 56	26.265			51	10															8					11-12
12 57	26.285			52	10	9	CB	M40	1	CS	200	10								10	3	.005			12-13
13 55	26.290			51	10															9					13-14
14 56	26.275			42	10															9					14-15
15 54	26.270			53	10	3	CB	50	7	CS	E200	10								9	8	.015			15-16
16 55	26.270			47	9															8					16-17
17 54	26.280			61	10															9					17-18
18 53	26.310			80	10	7	TCu	M55	3	AC	90	10								10	3	.040			18-19
19 56	26.320			68	8															8					19-20
20 53	26.330			71	4															4					20-21
21 52	26.340			83	4	2	Sc	60	2	CS	200	4								3	2	.030			21-22
22 55	26.340			83	9															4					22-23
23 52	26.340			83	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	46	41	X	X						X		
	0350	1	0	0	0	46	41		1								
	0950	2	0	0	0	54	41		1								
	1552	3	T	0	0	57	52		0								
	2150	4	T	0	0	55	46		0								
	MID.	X	0	0	0	46	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.295	26.280	26.270	26.340
BAROGRAPH 64	26.300	26.290	26.270	26.330
BAR. CORR. 65	-.005	-.010	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	41	T	0	0	26	SW	1204					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1241	1325			
RW-	1249	1302			
RW-	1737	1816			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0503 SUNSET 1823

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090P / 1837P /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: 22 APR 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0053	200 - BKN	20			055	41	39	33	04		972	400 1008	JP
SA	0155	200 - SCT	20			055	40	39	00	00		972		JP
SA	0252	200 - SCT	20			055	40	39	12	04		972		JP
SA	0357	200 - SCT	20			059	41	39	07	05		973	303 1008 40	DC
													RADAT 70073	
SA	0455	CLR	20			064	38	37	05	04		974	AC CI N-E	DC
SA	0555	CLR	20			077	40	39	00	00		977	ST/FOG IN VLY SE	DC
													CU AC NW-N	
SA	0658	10 SCT 25 SCT	20			081	46	41	13	03		980	220 1600	DC
SA	0756	15 SCT 30 SCT	20			078	50	41	10	05		980		DC
SA	0857	M85 BKN	20			080	52	37	18	03		980		DC
SA	0953	E40 BKN	20			079	55	38	24	14		980	TCU S/ 500 120038	DC
SA	1055	M41 BKN 250 OVC	20			080	55	38	16	09		980	TCU ALQDS	DC
SA	1156	50 SCT 250 - BKN	20			076	58	34	22	17	G25	980	CB NE-SE FEW TCU	DC
SA	1257	55 SCT 250 - OVC	20			080	58	33	19	16	G25	980	CB NE AND DSNT NW	DC
													/ 400 1307	
SA	1358	60 SCT 250 - BKN	20			075	59	29	17	18		979	CB S RWU VIRGA	DC
													SE-W	
SA	1456	60 SCT 120 SCT E250 OVC	20			073	58	32	19	18	G29	977	TCU OVHD - W VIRGA	DC
													S-NW	
SA	1554	60 SCT E250 BKN	20			073	57	32	21	16	G30	977	TCU NE / 607 1208	JP
											60		RADAT 66 078	
SA	1657	60 SCT E250 BKN	20			074	57	32	19	17	G27	977	TCU NE	JP
SA	1755	70 SCT E250 OVC	20			074	56	32	19	18		977	TCU NW	JP
SA	1855	70 SCT E250 OVC	20			078	55	33	19	12	G21	980	307 1408	JP
SA	1956	70 SCT E250 BKN	20			088	54	34	20	16		983		JP
SA	2050	70 SCT 250 - BKN	20			092	53	35	21	14	G24	984		JP
SA	2156	70 SCT 250 - SCT	20			092	51	35	19	12		984	114 1408 60	JP
SA	2255	70 SCT 250 - SCT	20			095	50	34	21	10		985		JP
SA	2352	70 SCT 250 - SCT	20			098	50	34	17	16	G25	986		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

FORM E-1B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE: 22 APR 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.340			93	6	6	CS	200												2	4	000			00-01
01 55	26.340			96	2															1					01-02
02 52	26.340			96	2															1					02-03
03 57	26.350			93	1	1	CS	200												0	3	.010			03-04
04 55	26.360			96	0															0					04-05
05 55	26.390			96	0															0					05-06
06 58	26.410			83	1	1	ST	10	0	CU	25	1								1	2	.060			06-07
07 56	26.405			71	2															2					07-08
08 57	26.410			57	9															9					08-09
09 53	26.410			53	7	7	CU	E40												7	5	.000			09-10
10 55	26.410			53	10															8					10-11
11 56	26.410			40	8															4					11-12
12 57	26.410			39	10	3	CB	55	10	CS	250	10								4	4	.000			12-13
13 58	26.395			32	6															3					13-14
14 56	26.390			37	10															7					14-15
15 54	26.390			39	9	2	TCU	60	7	CS	E250	9								7	6	020			15-16
16 57	26.390			39	9															7					16-17
17 55	26.390			40	10															8					17-18
18 55	26.410			43	10	4	SC	70	6	CS	E250	10								8	3	020			18-19
19 56	26.440			47	9															8					19-20
20 50	26.450			50	7															2					20-21
21 56	26.450			54	5	1	SC	70	4	CS	250	5								2	1	040			21-22
22 55	26.460			54	4															1					22-23
23 52	26.470			54	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		45	40										
	0350	1	0	0	0	46	40		0								
	0948	2	0	0	0	55	38		0								
	1552	3	0	0	0	60	54		0								
	2154	4	0	0	0	58	51		0								
	MID.		0	0	0	57	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0951	1554	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.410	26.390	26.450
BAROGRAPH 64	26.340	26.405	26.390	26.450
BAR. CORR. 65	+.010	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	38	0	0	0	32	5	1332					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0501 SUNSET 1824

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1 1171 8P1

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

STATION: WMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: 23 APR 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0052	70 SCT 250 -SCT	20			099	49	33	22	10		986	107 1408	JP
SA	0154	CLR	20			101	48	33	17	16		987	FEW SC	JP
SA	0250	CLR	20			102	48	33	20	16	G25	987	FEW SC	JP
SA	0355	CLR	20			100	46	35	24	15		986	000 46 RADAT 72067	DC
SA	0455	CLR	20			109	44	35	22	11		988	CU SC ALQDS	DC
SA	0555	60 SCT	20			117	47	34	22	16	G21	992		DC
SA	0654	CLR	20			125	48	33	23	16		994	CU SC ALQDS / 222 1800	DC
SA	0756	~~CLR~~ 250-SCT	20			126	50	33	19	16	G22	994	CU ALQDS SC NW	DC
SA	0856	60 SCT E250 BKN	20			130	51	29	23	18	G29	995		DC
SA	0958	60 SCT 140 SCT 250 SCT	20			135	53	28	19	22	G27	996	TCU NE ACSL SE	DC
													/ 308 1242 44	
SA	1057	65 SCT 140 SCT 250 SCT	20			130	54	27	22	18	G24	995	TCU NE-SE ACSL SE	DC
SA	1156	65 SCT 120 SCT E250 BKN	20			130	54	27	22	18	G23	995		DC
SA	1252	E70 BKN 250 BKN	20			130	56	26	25	18	G23	995	VIRGA S-NW / 603	DC
													1202	
SA	1356	70 SCT 250 SCT	20			121	58	23	25	20	G26	993	VIRGA ALQDS	DC
SA	1455	70 SCT 250 SCT	20			121	58	24	24	16	G21	993	VIRGA S-NW	DC
SA	1554	70 SCT 250 SCT	20			128	56	27	23	13		994	TCU S-W / 503 1202	JP
													60 RADAT 54077	
SA	1653	70 SCT 250 SCT	20			129	55	30	23	15		994	CB DSNT NE MOVG NE	JP
													TCU S	
SA	1758	70 SCT E250 BKN	20			129	53	31	23	12		994	TCU S-W	JP
SA	1854	70 SCT E250 BKN	20			136	51	33	28	10		996	TCU N / 307 1202	JP
SA	1957	70 SCT 250-SCT	20			149	48	36	34	07		000		JP
SA	2058	70 SCT	20			153	47	36	34	04		001		JP
SA	2155	70 SCT	20			156	44	37	04	03		002	117 1400 60	JP
SA	2252	CLR	20			157	43	38	01	04		002	FEW SC	JP
SA	2352	CLR	20			162	41	38	03	05		003		JP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10A (11-62) WHICH MAY BE USED.

(460)

NOAA
NATIONAL WEATHER SERVICE

[illegible] NOAA

SURFACE WEATHER OBSERVATIONS

DATE 23 APR 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.470			54	2	1	Sc	70	1	CS	250	2								1	1	020			00-01
01 54	26.480			56	0															0					01-02
02 50	26.480			56	0															0					02-03
03 55	26.470			65	0															0	0	.000			03-04
04 55	26.490			71	0															0					04-05
05 55	26.515			60	1															1					05-06
06 54	26.535			56	0	0	Cu	30	0	SC	60	0								0	2	.065			06-07
07 56	26.540			52	5															2					07-08
08 56	26.550			43	6															4					08-09
09 58	26.560			38	4	2	Cu	60	0	ACSC	140	2	2	CI	250	4				3	3	.025			09-10
10 57	26.550			35	3															2					10-11
11 56	26.550			35	9															6					11-12
12 52	26.550			31	8	7	Cu	E70	1	CI	250	8								8	6	.010			12-13
13 56	26.530			26	3															2					13-14
14 55	26.530			27	4															3					14-15
15 54	26.540			33	5	2	TCu	70	3	CI	250	5								4	5	010			15-16
16 53	26.540			38	5															4					16-17
17 58	26.540			43	7															6					17-18
18 54	26.560			50	7	2	TCu	70	5	CI	250	7								6	3	020			18-19
19 57	26.590			63	5															2					19-20
20 58	26.600			66	3															3					20-21
21 55	26.610			76	1	1	E	70												1	1	050			21-22
22 52	26.610			83	0															0					22-23
23 52	26.620			89	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	50	46	X	X						X		
	0349	1	0	0	0	51	46		0								
	0950	2	0	0	0	54	44		0								
	1552	3	0	0	0	60	53		0								
	2153	4	0	0	0	56	44		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0954	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.560	26.540	26.610
BAROGRAPH 64	26.470	26.545	26.530	26.600
BAR. CORR. 65	0	+.015	+010	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
60	41	0	0	0	29	SW	0853					5	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1825

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1080OP/1827P/

0756/0756

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK NEVADA

DATE: 24 APR 1988

TO CONVERT LST TO GMT ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			161	42	37	04	07		003	103	JP
SA	0151	CLR	20			171	41	37	33	03		006		JP
SA	0252	CLR	20			176	40	36	10	04		007		JP
SA	0357	CLR	20			177	39	37	23	03		007	114 39 RADAT 58081	RD
SA	0451	CLR	20			184	38	36	06	06		009		RD
SA	0552	CLR	20			189	41	38	04	04		011		RD
SA	0659	CLR	20		191	196	48	37	25	03		012	214	RD
SA	0751	CLR	20			194	54	36	27	04		013		RD
SA	0853	CLR	20			194	58	34	31	04		014		RD
SA	0954	CLR	20			196	60	33	01	04		014	107 37	RD
SA	1054	CLR	20			190	63	32	07	04		013	FEW CU N	RD
SA	1153	CLR	20			185	65	30	29	04		012	FEW CU	RD
SA	1254	CLR	20			184	66	32	28	10		012	608 1100	RD
SA	1352	CLR	20			176	66	28	24	06		009	FEW CU	RD
SA	1451	250 - SCT	20			170	68	28	22	10		007		RD
SA	1554	250 SCT	20			167	68	26	25	13		006	615 1101 69 RADAT 20107	MG
SA	1655	250 SCT	20			165	67	31	21	13		005		MG
SA	1757	250 SCT	20			164	65	32	19	14		005		MG
SA	1851	250 SCT	20		162	168	61	33	21	07		005	603 1001	MG
SA	1956	250 SCT	20			164	59	32	11	04		006		MG
SA	2055	CLR	20			161	59	32	10	06		006	FEW CI	MG
SA	2150	CLR	20			157	58	31	13	06		005	000 1001 69	MG
SA	2254	CLR	20			155	54	35	00	00		005	FEW CI	MG
SA	2355	CLR	20			156	50	36	04	06		004		MG

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: 23230, DESERT ROCK NEVADA

DATE: 24 APR 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.620			83	0															0	1	.010			00-01
01 57	26.650			86	0															0					01-02
02 52	26.660			86	0															0					02-03
03 57	26.660			94	0															0	1	.040			03-04
04 51	26.675			92	0															0					04-05
05 52	26.690			90	0															0					05-06
06 59	26.700			66	0															0	2	.040			06-07
07 51	26.710			51	0															0					07-08
08 53	26.720			41	0															0					08-09
09 54	26.720			36	0															0	1	.020			09-10
10 54	26.710			31	0															0					10-11
11 53	26.695			27	0															0					11-12
12 54	26.695			28	0	0	Cu	70												0	6	.025			12-13
13 52	26.680			24	0															0					13-14
14 51	26.660			22	2															0					14-15
15 54	26.650			21	3	0	Cu	80	3	Ci	250	3								2	6	.045			15-16
16 55	26.640			26	1															1					16-17
17 57	26.640			29	3															2					17-18
18 51	26.640			35	3	3	Ci	250												2	6	.010			18-19
19 56	26.650			36	3															2					19-20
20 55	26.650			36	0															0					20-21
21 50	26.640			36	0	0	Ci	250												0	0	.000			21-22
22 54	26.635			49	0															0					22-23
23 55	26.630			59	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		44	39										
	0350	1	0	0	0	44	39		0								
	0950	2	0	0	0	61	37		0								
	1550	3	0	0	0	69	60		0								
	2146	4	0	0	0	69	54		0								
	MID.		0	0	0	59	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1534	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.650	26.640
BAROGRAPH 64	26.660	26.725	26.655	26.640
BAR. CORR. 65	+0	-.005	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	37	0	0	0	23	SW	1734					1	1		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0459 SUNSET 1826

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1051OP/1802/

1851/SLP 162/1959 0659/SLP 191/2000

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR. 25-1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	250 SCT	20			150	52	34	02	08		003	807 1001	
SA	0150	250 SCT	20			141	53	33	04	08		001		
SA	0250	250 SCT	20			150	50	35	06	06		003		
SA	0354	250 SCT	20			153	47	35	02	08		004	302 1001 46 RADAT 20186	RD
SA	0454	250 SCT	20			159	49	35	04	07		005		RD
SA	0551	250 SCT	20			161	49	37	00	00		006		RD
SA	0652	250 -SCT	20			164	55	37	00	00		007	210 1001	RD
SA	0753	250 -SCT	20			164	60	34	29	04		007		RD
SA	0854	CLR	20			163	63	34	24	04		007	FEW CI	RD
SA	0957	CLR	20			162	66	34	25	07		007	102 1001 46	RD
SA	1051	250 -SCT	20			158	69	33	24	12		006		RD
SA	1152	250 -SCT	20			154	70	31	18	03		005		RD
SA	1255	E250 SCT BKN	20			145	73	30	02	06		003	714 1104	RD
SA	1350	E250 SCT BKN	20			139	73	30	36	07		002		RD
SA	1452	250 SCT	20			129	74	29	25	05		999		RD
SA	1554	E250 BKN	20			129	75	25	29	10		997	617 1104 75 RADAT 46104	
SA	1655	E220 BKN	20			130	74	25	32	10		999		
SA	1750	E220 BKN	20			129	73	25	35	10		997		
SA	1858	220 SCT	20			132	66	29	36	10		999	303 1004	
SA	1957	220 SCT	20			136	63	28	05	10		000		
SA	2052	CLR	20			139	61	29	05	11		001	FEW CI	
SA	2155	CLR	20			140	57	32	09	06		001	107 1001 75	
SA	2254	250-SCT	20			140	55	32	10	07		002		
SA	2355	250-SCT	20			138	57	29	03	10		002		

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii ipi hVV Nddff 1s TTT 2s T TdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8Nh C1 C2C3 plus regional and national data groups

(4-60)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 25 -1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.620			50	2	2	Ci	250												2	8	.020			00 01
01 50	26.600			47	2															2					01 02
02 50	26.620			56	2															2					02 03
03 54	26.625			63	2	2	Ci	250												2	3	.005			03 04
04 54	26.640			58	3															2					04 05
05 51	26.645			63	2															2					05 06
06 52	26.655			51	1	1	Ci	250												0	2	.030			06 07
07 53	26.660			38	1															0					07 08
08 54	26.660			34	0															0					08 09
09 57	26.660			31	0	0	Ci	250												0	1	.005			09 10
10 51	26.650			27	1															0					10 11
11 52	26.635			24	1															0					11 12
12 55	26.620			21	6	0	Cu	70	6	Ci	E250	6								4	7	.040			12 13
13 50	26.605			21	6															4					13 14
14 52	26.575			19	4															3					14 15
15 54	26.570			16	7	0	Cu	80	7	Ci	E250	7								6	6	.050			15 16
16 55	26.575			16	7															7					16 17
17 50	26.570			17	6															6					17 18
18 58	26.580			25	4	4	Ci	220												4	3	.010			18 19
19 57	26.590			27	3															3					19 20
20 52	26.600			30	0															0					20 21
21 55	26.600			39	0	0	Ci	220												0	1	.020			21 22
22 54	26.605			42	2															0					22 23
23 55	26.605			34	3															0					23 24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	56	46	X	X						X		
	0340	1	0	0	0	59	46		0								
	0950	2	0	0	0	66	47		0								
	1550	3	0	0	0	75	66		0								
	2151	4	0	0	0	75	57		0								
	MID.	X	0	0	0	59	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0956	1534	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.660	26.570	26.600
BAROGRAPH 64	26.625	26.660	26.565	26.600
BAR. CORR. 65	0	+0	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	46	0	0	0	15	NW	1546					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0458 SUNSET 1826

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0600P / 1807 /

* CHANGED MICROBARAGRAPH AT 0956 LST

1255 / BKN / 1350

1350 / 1350

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR. 26 - 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	250-SCT	20			138	57	29	05	06		002	102 1001	[illegible]
SA	0155	CLR	20			134	57	28	05	12		001	FEW CI	[illegible]
SA	0250	CLR	20			135	56	28	05	14		001		[illegible]
SA	0353	CLR	20			139	55	28	04	09		002	302 54 RAVAT 42103	RD
SA	0453	CLR	20			143	53	28	05	11		003	FEW CI	RD
SA	0551	250 -SCT	20			144	55	28	05	12		003		RD
SA	0657	250 -SCT	20			146	59	28	03	10		004	2-05 1001	RD
SA	0754	250 -BKN	20			146	63	29	05	11		004		RD
SA	0853	250 -BKN	20			145	66	30	06	03		004		RD
SA	0957	250 -BKN	20			143	70	29	11	09		003	802 1108 53	RD
SA	1050	250 -OVC	20			144	71	29	13	10		003		RD
SA	1152	250 -OVC	20			131	73	29	05	07		000		RD
SA	1253	250 -BKN	20			122	75	29	11	08		997	819 1008	RD
SA	1352	E250 BKN	20			111	76	30	16	12		994		RD
SA	1452	E250 BKN	20			102	76	25	23	09		992		RD
SA	1553	170 SCT E230 OVC	20			100	75	23	23	12		991	620 1027 78 RADAT 20113	[illegible]
SA	1655	E200 BKN 250 OVC	20			100	74	26	22	08		991		[illegible]
SA	1751	200 SCT E250 OVC	20			100	71	29	18	05		990		[illegible]
SA	1852	E 180 BKN 250 OVC	20			100	68	34	15	07		991	500 1027	[illegible]
SA	1955	180 SCT E 250 OVC	20			108	65	34	11	09		993		[illegible]
SA	2050	E250 OVC	20			109	63	33	11	10		993		[illegible]
SA	2157	250-BKN	20			109	60	34	07	06		993	108 1008 78	[illegible]
SA	2252	250-OVC	20			109	58	36	30	09		993		[illegible]
SA	2352	250-OVC	20			106	57	37	11	07		992		[illegible]

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-61)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 26 - 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.605			34	2	2	Ci	250												0	1	.005			00-01
01 55	26.595			33	0															0					01-02
02 50	26.600			34	0															0					02-03
03 53	26.610			36	0															0	3	.005			03-04
04 53	26.615			38	0															0					04-05
05 51	26620			35	1															0					05-06
06 59	26.625			31	2	2	Ci	250												1	2	.015			06-07
07 54	26.625			28	6															2					07-08
08 53	26.625			26	6															2					08-09
09 57	26.620			22	8	0	Cu	70	8	Cs	250	8								4	8	.005			09-10
10 50	26615			21	10															4					10-11
11 52	26585			20	10															4					11-12
12 53	26.565			18	8	8	Cs	250												4	8	.055			12-13
13 52	26.540			19	9															5					13-14
14 52	26.515			15	9															5					14-15
15 53	26.505			14	10	4	As	170	6	Cs	E230	10								9	6	.060			15-16
16 55	26.505			17	10															7					16-17
17 51	26.500			21	10															8					17-18
18 52	26.505			28	10	6	As	E180	10	Cs	250	10								9	5	.000			18-19
19 55	26.525			32	10															9					19-20
20 50	26.530			32	10															7					20-21
21 57	26.530			38	8	8	Cs	250												3	1	.025			21-22
22 52	26.530			44	10															4					22-23
23 52	26.520			47	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	59	55	X	X						X		
	0349	1	0	0	0	59	54		0								
	0950	2	0	0	0	70	53		0								
	1549	3	0	0	0	78	69		0								
	2152	4	0	0	0	75	59		0								
	MID.	X	0	0	0	61	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0956	1553	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26610	26.620	26.505	26.530
BAROGRAPH 64	26600	26615	26.500	26515
BAR. CORR. 65	+.010	+.005	+005	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	53	0	0	0	16	NE	0254					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0456 SUNSET 1827

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10615 / 1602 /

MF 1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR. 27 - 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	250 - OVC	20			104	56	36	05	03		992	603 1007	~~AO~~
SA	0155	250 - OVC	20			104	56	35	07	03		992		~~AO~~
SA	0256	250 - OVC	20			106	51	38	12	04		992		~~AO~~
SA	0350	250 - OVC	20			106	51	37	01	05		992	400 1007 51 RADAT 40109	AO
SA	0450	150 SCT 250 - OVC	20			106	51	36	32	07		992		AO
SA	0550	250 - OVC	20			111	53	38	13	05		993		AO
SA	0650	250 - OVC	20			113	61	35	31	04		994	307 1007	AO
SA	0750	250 - OVC	20			113	67	32	27	06		994		AO
SA	0850	250 - OVC	20			105	73	30	11	11		993		AO
SA	0950	250 - OVC	20			105	76	28	11	09		993	603 1007 5D	AO
SA	1050	250 - OVC	20			106	77	29	14	05		993		AO
SA	1150	250 - OVC	20			095	79	26	23	15		986		AO
SA	1250	E250 OVC	20			082	80	27	23	16G	26	986	820 1007	AO
SA	1350	120 SCT E250 OVC	20			079	79	27	21	14		985		AO
SA	1450	120 SCT E250 OVC	20			078	80	30	23	12		984		AO
SA	1556	E250 OVC	20			075	79	28	19	10		983	710 1107+RADAT 53115+80	EP
SA	1654	80 SCT E250 OVC	20			072	77	29	22	13		982		EP
SA	1752	E250 OVC	20			072	75	27	21	10		982	FEW CU	EP
SA	1853	120 SCT E220 OVC	20			070	70	33	12	07		982	603 1037	EP
SA	1953	E220 OVC	20			066	69	29	15	07		982		EP
SA	2054	E220 OVC	20			070	68	31	12	07		983		EP
SA	2155	110 SCT E220 OVC	20			067	67	29	12	07		983	103 1037 80	EP
SA	2253	110 SCT E220 OVC	20			067	67	26	11	03		983		EP
SA	2352	E220 OVC	20			066	66	28	15	03		983		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_p i_s$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{tp}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 27-1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.520			47	10	10	CS	250												4	6	.010			00-01
01 52	26.520			45	10															4					01-02
02 52	26.520			61	10															4					02-03
03 50	26.520			59	10	10	CS	250												5	4	.000			03-04
04 50	26.520			56	10															5					04-05
05 50	26.530			57	10															3					05-06
06 50	26.540			38	10	10	CS	250												3	3	.020			06-07
07 50	26.540			27	10															3					07-08
08 50	26.530			20	10															3					08-09
09 50	26.530			17	10	10	CS	250												3	6	.010			09-10
10 50	26.530			17	10															4					10-11
11 50	26.500			14	10															4					11-12
12 50	26.470			14	10	10	CS	E250												7	8	.060			12-13
13 50	26.460			15	10															9					13-14
14 50	26.450			16	10															8					14-15
15 56	26.440			15	10	0	CU	80	10	CS	E250	10								7	7	.030			15-16
16 54	26.430			17	10															9					16-17
17 52	26.430			17	10															7					17-18
18 53	26.430			25	10	2	AC	120	10	CS	E220	10								9	6	.010			18-19
19 53	26.430			22	10															9					19-20
20 54	26.440			25	10															10					20-21
21 55	26.440			24	10	1	AC	110	10	CS	E220	10								10	1	.010			21-22
22 53	26.440			21	10															10					22-23
23 52	26.440			24	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	60	51	X	X						X		
	0350	1	0	0	0	61	51		0								
	0950	2	0	0	0	76	50		0								
	1552	3	0	0	0	80	76		0								
	2151	4	0	0	0	79	67		0								
	MID.	X	0	0	0	69	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.530	26.440	26.440
BAROGRAPH 64	26.510	26.520	26.420	26.420
BAR. CORR. 65	+.010	+.010	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	50	0	0	0	26	SW	1250					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0455 SUNSET 1828

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/2030 / /

1556/1556

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR 28, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	E220 OVC	20			063	65	29	24	05		982	803 1007	EP
SA	0153	E220 OVC	20			056	64	30	21	05		980		EP
SA	0252	E2200VC	20			060	63	31	26	07		981		EP
SA	0350	E220 OVC	20			061	63	29	24	14		981	603 1007 60 RAOAT 37109	AD
SA	0450	150 SCT E220 OVC	20			063	61	29	32	07		981		AD
SA	0550	150 SCT 220 -OVC	20			072	59	34	36	06		983		AD
SA	0650	150 SCT 220 - OVC	20			074	67	28	31	05		984	310 1028	AD
SA	0750	150 SCT 220 -OVC	20			074	67	26	22	11		984		AD
SA	0850	150 SCT E220 OVC	20			080	67	28	23	15 G24		985		AD
SA	0950	150 SCT E220 OVC	20			083	69	30	23	16		986	307 1028 57	AD
SA	1050	220 -SCT	20			081	73	28	23	14		986		AD
SA	1150	100 SCT	20			074	74	27	24	20		984		AD
SA	1250	100 SCT	20			074	75	28	23	21 G30		984	607 1500	AD
SA	1350	100 SCT	20			070	76	26	23	15 G26		983		AD
SA	1450	100 SCT	20			066	76	25	23	17 G26		982		AD
SA	1555	CLR	20			074	75	18	21	17 G26		984	500 1100 76 RADAT 35112	EP
SA	1651	CLR	20			075	74	20	22	15 G26		984	FEW CU SE	EP
SA	1750	CLR	20			082	71	22	22	14		985		EP
SA	1850	CLR	20			086	69	24	20	13		987	310	EP
SA	1951	CLR	20			098	67	25	22	09		991		EP
SA	2054	CLR	20			108	64	25	23	06		993		EP
SA	2153	CLR	20			110	58	30	05	07		993	117 76	EP
SA	2251	CLR	20			~~108~~ 115	58	30	03	09		995		EP
SA	2355	CLR	20			120	55	31	04	09		996		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_p i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 28, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.430			26	10	10	CS	E220												10	8	.010			00-01
01 53	26.410			28	10															10					01-02
02 52	26.420			30	10															10					02-03
03 50	26.420			28	10	10	CS	E220												9	6	.010			03-04
04 50	26.420			30	10															9					04-05
05 50	26.440			39	10															4					05-06
06 50	26.450			23	10	3	AS	150	7	CS	220	10								4	3	.030			06-07
07 50	26.450			21	10															5					07-08
08 50	26.460			23	10															8					08-09
09 50	26.470			25	10	5	AS	150	5	CS	E220	10								8	3	.020			09-10
10 50	26.470			19	4															1					10-11
11 50	26.450			17	2															2					11-12
12 50	26.450			18	2	2	SC	100												2	6	.020			12-13
13 50	26.440			15	2															2					13-14
14 50	26.430			15	2															2					14-15
15 55	26.450			12	0	0	CU	80												0	5	.000			15-16
16 51	26.450			13	0															0					16-17
17 50	26.460			16	0															0					17-18
18 50	26.480			18	0															0	3	.030			18-19
19 51	26.510			20	0															0					19-20
20 54	26.530			23	0															0					20-21
21 53	26.530			34	0															0	1	.050			21-22
22 51	26.550			34	0															0					22-23
23 55	26.560			40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	67	60	X	X						X		
	0350	1	0	0	0	69	60		0								
	0950	2	0	0	0	69	57		0								
	1551	3	0	0	0	76	69		0								
	2149	4	0	0	0	75	58		0								
	MID.	X	0	0	0	59	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.470	26.450	26.530
BAROGRAPH 64	26.410	26.460	26.440	26.520
BAR. CORR. 65	+.010	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	55	0	0	0	30	SW	1250					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0454 SUNSET 1829

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 2055 / /

2251 / 2251

MF1-10A
(5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR. 29, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=360) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			121	53	31	00	00		996	110	EP
SA	0156	CLR	20			125	51	32	00	00		997		EP
SA	0250	CLR	20			130	49	33	05	03		999		EP
SA	0350	CLR	20			135	48	34	08	05		000	210 48 RADAT 23114	AD
SA	0450	CLR	20			141	46	35	04	05		001		AD
SA	0550	CLR	20			148	51	37	00	00		003		AD
SA	0650	CLR	20			152	58	38	24	04		005	217	AD
SA	0750	CLR	20			151	63	36	00	00		005		AD
SA	0850	CLR	20			151	65	37	22	07		005		AD
SA	0950	CLR	20			151	69	37	27	09		005	400 45	AD
SA	1050	CLR	20			151	71	35	25	09		005		AD
SA	1150	CLR	20			144	73	36	22	11		003		AD
SA	1250	CLR	20			132	77	32	22	22		000	817	AD
SA	1350	CLR	20			125	79	29	22	19		997		AD
SA	1450	CLR	20			117	79	30	21	23	G32	995		AD
SA	1554	CLR	20			115	78	29	22	19	G28	994	617 1001 79 RADAT 20143	EP
SA	1650	CLR	20			113	76	29	22	14		993		EP
SA	1755	CLR	20			107	74	26	21	19		992		EP
SA	1851	CLR	20			109	71	28	20	10		993	503	EP
SA	1952	CLR	20			109	67	32	20	07		993		EP
SA	2052	CLR	20			108	67	32	18	08		993		EP
SA	2153	CLR	20			101	67	31	19	10		992	803 79	EP
SA	2256	CLR	20			101	66	32	20	16		992		EP
SA	2350	CLR	20			096	65	30	23	14		991		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF1-10A (1-82) WHICH MAY BE USED.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR. 29, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.560			43	0															0	1	.030			00-01
01 56	26.570			48	0															0					01-02
02 50	26.580			54	0															0					02-03
03 50	26.590			58	0															0	2	.030			03-04
04 50	26.600			68	0															0					04-05
05 50	26.620			59	0															0					05-06
06 50	26.640			47	0															0	2	.050			06-07
07 50	26.640			37	0															0					07-08
08 50	26.640			35	0															0					08-09
09 50	26.640			31	0															0	4	.000			09-10
10 50	26.640			27	0															0					10-11
11 50	26.620			26	0															0					11-12
12 50	26.590			19	0															0	8	.050			12-13
13 50	26.570			16	0															0					13-14
14 50	26.550			17	0															0					14-15
15 54	26.540			17	0	0	Ci	250												0	6	.050			15-16
16 50	26.530			18	0															0					16-17
17 55	26.520			17	0															0					17-18
18 51	26.530			20	0															0	5	.010			18-19
19 52	26.530			27	0															0					19-20
20 52	26.530			27	0															0					20-21
21 53	26.520			26	0															0	8	.010			21-22
22 56	26.520			28	0															0					22-23
23 50	26.510			27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	55	48	X	X						X		
	0350	1	0	0	0	59	48		0								
	0950	2	0	0	0	69	45		0								
	1550	3	0	0	0	79	68		0								
	2150	4	0	0	0	78	64		0								
	MID.	X	0	0	0	67	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.640	26.540	26.520
BAROGRAPH 64	26.580	26.640	26.540	26.520
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	45	0	0	0	32	SW	1448					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1830

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500 / 2044 / /

MICROBAROGRAPH CHART CHANGED 1155

MF1-10A (5-83)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: APR 30, 1988

TO CONVERT LST TO GMT: ADD 8 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	CLR	20			089	62	33	23	13		988	810	EP
SA	0154	CLR	20			076	63	33	22	13		985		EP
SA	0250	CLR	20			074	60	34	23	14		984		EP
SA	0350	~~CLR~~ 220 SCT	20			075	58	36	24	18		984	614 1001 57 RADAT 20134	AD
SA	0450	220 - BKN	20			077	57	35	25	19		984		AD
SA	0550	220 - OVC	20			078	58	36	26	21		984		AD
SA	0650	E220 OVC	20			078	61	36	26	19		984	400 1007	AD
SA	0750	E220 OVC	20			083	61	37	24	21		985		AD
SA	0850	220 - BKN	20			078	62	38	22	21		984		AD
SA	0950	220 - SCT	20			070	66	37	20	18		982	807 1001 56	AD
SA	1050	220 - SCT	20			058	67	35	21	24G35		979		AD
SA	1150	220 - SCT	20			039	68	34	19	28G41		973	PK WND 1841/50	AD
SA	1250	220 SCT	20			025	69	29	19	20		969	*741 1002 *PK WND 1943/1957	AD
SP	1345	-X 120 SCT 220 ~~SCT~~ SCT	7½		B⌀D				19	32G43		963	*VSBY NW2 ~~BD~~ ALQOS ~~BD~~ D2	AD
SA	1350	-X 120 SCT E220 BKN	6		B⌀D	003	71	14	20	31G44		963	~~BD~~ D2 VSBY NW2 PK WND 2047/48	AD
/	/													~~AD~~
SA	1450	-X 120 SCT 220 SCT	7			000	67	10	20	33G42		961	~~BD~~ D2 VSBY NW-N2 PK WND 1949/13	AD
/	/													~~AD~~
SA	1558	220 SCT	10			010	63	6	20	35G44		963	BD W-N VSBY LWR NW+	EP
/													517 1072 72 RADAT 20091	/
/												/	* PK WND 2050/031	/
SA	1654	80 SCT 220 SCT	20			026	57	14	22	30G40		966	PK WND 2250/36	EP
SP	1727	E80 BKN	20						30	18G26		973	VIRGA ALQOS WSHFT 22	EP
/												/	PRESRR	/
SA	1758	M60 BKN	20			056	50	32	31	22G30		974	RWU N PRESRR	EP
SA	1855	20 SCT M60 OVC	20			062	48	33	07	11		976	141 12//	EP
SA	1954	60 SCT ~~M~~ E90 OVC	20			076	50	31	18	03		981		EP
SA	2053	60 SCT E90 OVC	20			093	48	33	04	12		985		EP
SA	2155	40 SCT E90 BKN 220 OVC	20			106	47	32	03	12G19		990	241 1807 72	EP
SA	2250	50 SCT M75 BKN	20			117	46	30	01	10		993		EP
SA	2351	M65 BKN 220 BKN	20			125	46	25	05	07		995		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following related Basic observation.

FM12-VII [illegible] 4VV Nddff 1sn TTT 2sn TdTdTd 3P0P0P0P0 4PPPP 5appp 6PRRRtr 7wwW1W2 8Nh Cl CmCh plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR. 30, 1988

To convert LST to GMT ADD 8 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.490			34	0															0	8	.030			00-01
01 54	26.460			33	0															0					01-02
02 50	26.450			38	0															0					02-03
03 50	26.450			44	5	5	CI	220												1	6	.040			03-04
04 50	26.450			43	7															2					04-05
05 50	26.450			44	10															5					05-06
06 50	26.450			39	10	10	CS	E220												8	4	.000			06-07
07 50	26.460			41	10															8					07-08
08 50	26.450			41	8															3					08-09
09 50	26.430			34	4	4	CI	220												1	8	.020			09-10
10 50	26.400			30	3															1					10-11
11 50	26.350			28	3															1					11-12
12 50	26.310			22	1	1	CI	220												1	7	.120			12-13
13 50	26.260			11	6															6					13-14
14 50	26.240			10	3															3					14-15
15 58	26.260			10	1	0	Ac	120	1	CI	220	1								1	5	.050			15-16
16 54	26.290			18	1															1					16-17
17 58	26.360			50	9															9					17-18
18 55	26.380			56	10	2	CUFRA	20	10	Cu	M60	10								10	1	.120			18-19
19 54	26.420			48	10															10					19-20
20 53	26.460			56	10															10					20-21
21 55	26.500			56	10	3	CUFRA	40	4	Sc	E90	6	4	CS	220	10				9	2	.120			21-22
22 50	26.530			53	9															9					22-23
23 51	26.550			44	8															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		65	57										
	0350	1	0	0	0	67	57		0								
	0950	2	0	0	0	66	56		0								
	1551	3	0	0	0	72	63		0								
	2149	4	0	0	0	63	47		0								
	MID.		0	0	0	47	46										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.430	26.260	26.500
BAROGRAPH 64	26.450	26.430	26.240	26.480
BAR. CORR. 65	0	0	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	46	0	0	0	50	SW	1636*					5	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
BD	1343	1420			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0452 SUNSET 1831

TOTAL SUNSHINE (MIN.) PERCENT OF POSSIBLE SUNSHINE CHARACTER OF SUNRISE CHARACTER OF SUNSET

FASTEST OBSERVED MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/2035/ /

1250/1250 1345/1350/1450 RMKS D2 0800/5-3

1345/1345

1350/1350

1558/1558

1954/1954

* LAST OF SEVERAL OCCURRENCES