WS FORM F-6
(1-79)

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

STATION: DESERT ROCK, NV

MONTH: APRIL | YEAR: 1989

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

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

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED KTS	PEAK SPEED KTS	PEAK DIRECTION	SUNSHINE AVG. STATION PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	R 04	R 10	R 16	R 22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	75	53	64		1					9.5	26	NE	26.50		4		42	29	17	29
2	78	48	63		1					8.0	20	SW	26.54		7		43	23	16	26
3	81	48	65			0				8.0	23	SW	26.65		2		45	16	16	17
4	81	54	68			3				10.1	24	NE	26.81		0		26	17	14	18
5	86	57	72			7				9.5	20	E	26.84		1		26	15	15	14
6	92	51	72			7				5.4	17	SW	26.80		0		24	16	14	13
7	93	53	73			8				7.1	20	SW	26.67		1		19	16	15	13
8	93	63	78			13				6.8	20	NE	26.53		0		17	15	15	14
9	91	60	76			11				8.3	19	SW	26.51		1		20	16	15	14
10	91	63	77			12				12.4	27	SW	26.53		3		21	14	15	15
11	83	61	72			7				10.9	28	NE	26.50		6		22	14	16	14
12	79	59	69			4				11.2	23	NE	26.53		3		17	14	14	13
13	82	56	69			4				6.7	20	E	26.61		1		19	12	15	13
14	86	50	68			3				7.0	21	SW	26.59		10		18	14	15	13
15	86	60	73			8				9.0	22	W	26.49		0		21	19	16	20
16	88	56	72			7				7.3	26	SW	26.49		3		36	23	15	17
17	90	62	76			11				6.0	28	SW	26.57		4		24	17	17	15
18	92	59	76			11				6.0	20	SW	26.61		3		26	13	16	20
19	91	61	76			11				8.0	25	SW	26.55		10		24	16	15	15
20	88	66	77			12				10.5	27	S	26.51		8		20	17	16	13
21	83	68	76			11				19.3	40	SW	26.43		7		13	14	15	20
22	79	58	69			4				19.3	39	SW	26.39		0		27	18	16	13
23	70	56	63		2					19.6	40	SW	26.35		8		22	19	14	28
24	59	47	53		12					19.4	46	SW	26.37		2		22	22	13	30
25	64	44	54		11					12.0	28	SW	26.48		2		37	22	15	30
26	64	51	58		7		0.01			9.6	27	SW	26.55		6	RW	58	33	20	27
27	67	46	57		8		T			8.1	30	NE	26.62		4	RW	37	26	21	32
28	72	42	57		8					8.6	28	NW	26.59		1		39	16	11	22
29	75	50	63		2					8.0	18	NE	26.59		4		31	19	11	17
30	78	52	65		0					6.2	27	SW	26.59		10		24	18	19	27
31																				
SUM	2437	1654	—	—	52	154	0.01		—	297.8	—	—	996.79	—	111	—	820	543	462	562
AVG	81.2	55.1	—	—	—	—	—	—	—	9.9	FASTEST	DIRECTION	POSSIBLE	%		—	27.3	18.1	15.4	18.7
										MISC. →	46	SW	26.55		3.7	—				

TEMPERATURE DATA

AVERAGE MONTHLY 68.2
DEPARTURE FROM NORMAL +8.8
HIGHEST 93 ON 7, 8
LOWEST 42 ON 28
NUMBER OF DAYS WITH—
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 8
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0
HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 52
DEPARTURE FROM NORMAL -37
SEASONAL TOTAL 2641
DEPARTURE FROM NORMAL -332
COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 154
DEPARTURE FROM NORMAL +126
SEASONAL TOTAL 163
DEPARTURE FROM NORMAL +132

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.01 IN.
DEPARTURE FROM NORMAL 0.32 IN.
GREATEST IN 24 HRS. 0.01 ON 26
SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST IN 24 HRS. 0 ON
GREATEST DEPTH ON GROUND 0 ON
PRESSURE DATA
HIGHEST STATION 26.91 IN. ON 5
LOWEST STATION 26.29 IN. ON 24

WEATHER

NUMBER OF DAYS—
CLEAR (Scale 0-3) 17
PARTLY CLOUDY (Scale 4-7) 8
CLOUDY (Scale 8-10) 5
WITH 0.01 INCH OR MORE PRECIP. 1
WITH 0.10 INCH OR MORE PRECIP. 0
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunderstorm
R = rain
RW = rain shower
S = snow
SW = snow shower
F = fog

MAXIMUM PRECIPITATION

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

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

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

☆U.S. GOVERNMENT PRINTING OFFICE: 1987 - 754-006-61256

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: April 1, 1989

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	E250 OVC	20			075	61	33	04	15		984	303 1007	AO
SA	0150	250 SCT	20			080	58	35	05	17	G22	985		AO.
SA	0250	CLR	20			080	57	34	05	16		985		AO
SA	0356	250 - SCT	20			084	57	34	04	14		986	207 1008 56 RADAT 46106	SH
SA	0452	250 - SCT	20			095	55	35	06	12		990		SH
SA	0553	250 - BKN	20			110	54	35	36	04		993		SH
SA	0650	250 - BKN	20			110	58	36	04	12		994	122 1008	SH
SA	0750	250 - SCT	20			116	60	36	02	10		995		SH
SA	0852	CLR	20			114	63	36	01	11		995	FEW CI	SH
SA	0952	CLR	20			120	66	33	04	10		997	FEW CU CI / 212 1101 53	SH
SA	1052	80 SCT 250 SCT	20			116	69	32	08	03		996		SH
SA	1152	80 SCT 250 SCT	20			105	71	31	14	04		993		SH
SA	1252	80 SCT E250 BKN	20			100	72	31	21	06		991	820 1101	SH
SA	1350	80 SCT E250 BKN	20			093	74	30	23	15	G23	988		SH
SA	1448	80 SCT 250 SCT	20			086	74	27	26	15		986		SH
SA	1550	80 SCT 250 SCT	20			078	74	26	23	14		984	720 1102 75 RADAT 49102	AO
SA	1650	250 SCT	20			079	72	25	22	15		984		AO
SA	1750	250 - BKN	20			080	71	23	23	11		984		AO
SA	1850	250 SCT	20			082	66	21	24	04		984	400 1002	AO
SA	1950	250 SCT	20			090	61	20	08	03		986		AO
SA	2050	CLR	20			098	61	25	34	04		988		AO
SA	2150	CLR	20			098	64	31	24	04		990	117 75	AO
SA	2250	CLR	20			097	62	30	33	04		990		AO
SA	2350	CLR	20			095	62	29	31	04		990		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 $i_p i_x$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.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

ROCK NEVADA

DATE April 1, 1989

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	26.450			35	10	10	CS	E250												9	3	.010			00-01
01 50	26.460			42	3															2					01-02
02 50	26.460			42	0															0					02-03
03 56	26.470			43	1	1	CS	250												0	2	.020			03-04
04 52	26.500			46	1															0					04-05
05 53	26.530			49	8															4					05-06
06 50	26.535			43	8	8	CS	250												4	1	.065			06-07
07 50	26.550			41	4															1					07-08
08 52	26.550			36	0															0					08-09
09 52	26.570			29	0	0	CU	80	0	CI	250	0								0	2	.035			09-10
10 52	26.560			25	2															2					10-11
11 52	26.530			23	4															3					11-12
12 52	26.510			22	6	4	CU	80	2	CI	250	6								4	8	.060			12-13
13 50	26.490			19	6															4					13-14
14 48	26.470			17	4															3					14-15
15 50	26.450			17	3	1	CU	80	2	CI	250	3								2	7	.060			15-16
16 50	26.450			17	2															2					16-17
17 50	26.450			16	6															2					17-18
18 50	26.450			18	2	2	CI	250												2	4	.000			18-19
19 50	26.470			20	1															1					19-20
20 50	26.490			25	0															0					20-21
21 50	26.500			29	0															0	1	.050			21-22
22 50	26.500			30	0															0					22-23
23 50	26.500			29	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 0355	X	0	0	X	66	56	X	X						X		
	0355	1	0	0	0	72	56		0								
	0951	2	0	0	0	66	53		0								
	1550	3	0	0	0	75	66		0								
	2150	4	0	0	0	74	60		0								
	MID.	X	0	0	0	64	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.570	26.450	26.500
BAROGRAPH 64	26.465	26.560	26.470	26.500
BAR. CORR. 65	+.005	*+.010	+.020	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 (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	53	0	0	0	26	NE	0235					4	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0530 SUNSET 1805

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: 1074P/ 1700P/

* BAROGRAM CHANGED – RESET TO 26.570 CORR. 0958P

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 2, 1989

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			101	57	28	04	09		991	303	AO
SA	0150	CLR	20			108	57	28	03	04		993		AO
SA	0250	CLR	20			113	54	27	02	06		994		AO
SA	0350	CLR	20			116	49	27	33	03		994	110 49 RADAT 54107	RD
SA	0455	CLR	20			121	50	27	36	06		996		RD
SA	0552	CLR	20			130	49	26	20	03		997		RD
SA	0653	250 -BKN	20			131	57	27	25	03		999	214 1008	RD
SA	0754	250 -BKN	20			136	60	27	21	05		000	CU N	RD
SA	0854	250 -BKN	20			135	63	27	33	03		000	FEW CU	RD
SA	0952	250 -BKN	20			129	66	27	24	08		000	002 1108 48	RD
SA	1059	250 -BKN	20			126	70	28	19	10		999	FEW CU	RD
SA	1153	80 SCT 250-BKN	20			120	72	28	21	11		997		RD
SA	1253	80 SCT 250 -BKN	20			113	75	28	24	11		995	714 1108	RD
SA	1353	80 SCT 250 -BKN	20			105	76	28	22	10		993		RD
SA	1450	80 SCT 250 -BKN	20			097	77	28	24	15		991		RD
SA	1554	250-OVC	20			091	77	27	23	13		987	FEW CU/ 722 1107	JP
													78 RADAT 46112	
SA	1659	250-OVC	20			086	77	27	23	10		986		JP
SA	1757	E250 OVC	20			094	73	27	24	11		987		JP
SA	1853	E250 OVC	20			094	71	27	24	10		988	303 1007	JP
SA	1958	250-OVC	20			105	69	28	31	06		992		JP
SA	2057	250 -OVC	20			112	69	28	31	12		994		JP
SA	2158	250-SCT	20			112	64	28	33	10		994	117 1008 78	JP
SA	2256	250 -SCT	20			115	61	28	03	06		995		JP
SA	2358	250 -SCT	20			120	60	28	01	06		996		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE April 2, 1989

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	26.510			33	0															0	3	.010			00-01
01 50	26.530			33	0															0					01-02
02 50	26.540			35	0															0					02-03
03 50	26.540			43	0															0	1	.030			03-04
04 55	26.555			41	0															0					04-05
05 52	26.570			41	0															0					05-06
06 53	26.580			32	6	6	CS	250												3	2	.040			06-07
07 54	26.590			28	9															4					07-08
08 54	26.590			26	8															3					08-09
09 52	26.585			23	6	0	CU	80	6	CS	250	6								2	0	.005			09-10
10 57	26.580			21	5															2					10-11
11 53	26.565			20	7															2					11-12
12 53	26.545			18	8	1	CU	80	7	CS	250	8								2	7	.040			12-13
13 53	26.525			17	8															4					13-14
14 50	26.505			17	9															4					14-15
15 54	26.480			16	10	0	CU	80	10	CS	250	10								4	7	.065			15-16
16 59	26.470			16	10															4					16-17
17 57	26.480			18	10															7					17-18
18 53	26.490			19	10	10	CS	250												7	3	.010			18-19
19 58	26.520			22	10															5					19-20
20 57	26.540			22	10															4					20-21
21 58	26.540			26	3	3	CS	250												1	1	.050			21-22
22 56	26.550			28	2															1					22-23
23 58	26.560			29	2															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 0346	X	0	0	X	62	49	X	X						X		
	0346	1	0	0	0	64	49		0								
	0946	2	0	0	0	66	48		0								
	1552	3	0	0	0	78	66		0								
	2156	4	0	0	0	78	64		0								
	MID.	X	0	0	0	64	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1554	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.585	26.480	26.540
BAROGRAPH 64	26.550	26.600	26.500	26.540
BAR. CORR. 65	-.010	-.015	-.020	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 UNHL 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
78	48	0	0	0	20	SW	1540					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 0529 SUNSET 1806

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: 10457 1172181

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: 03 APR 1989

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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0054	250 - BKN	20			123	56	29	02	09		997	210 1008	JP
SA	0154	250 - BKN	20			127	56	30	02	05		999		JP
SA	0250	250 - BKN	20			127	53	29	00	00		999		JP
SA	0352	250 - BKN	20			129	52	31	06	11		000	305 1008 51 RADAT 26109	RD
SA	0456	250 - SCT	20			139	49	28	20	03		002		RD
SA	0553	250 - BKN	20			146	50	28	12	05		003		RD
SA	0655	250 - BKN	20			150	57	30	13	05		005	2-17 1008	RD
SA	0750	250 - SCT	20			156	64	29	29	03		007		RD
SA	0852	250 - SCT	20			154	69	18	06	03		007		RD
SA	0957	250 - SCT	20			156	72	20	31	05		008	312 1001 48	RD
SA	1051	CLR	20			154	75	24	07	04		007		RD
SA	1152	CLR	20			148	77	24	23	11		006		RD
SA	1253	CLR	20			146	79	27	24	06		005	~~2-08~~ 7-12 1001	RD
SA	1350	CLR	20			143	79	28	23	18		004		RD
SA	1450	250 - SCT	20			142	80	28	25	11		003		RD
SA	1555	250 - SCT	20			142	80	27	24	09		003	605 1001 81	JP
													RADAT 27116	
SA	1654	250 - SCT	20			144	79	25	27	04		003		JP
SA	1755	CLR	20			149	76	22	02	10		004	FEW C1 N	JP
SA	1856	CLR	20			154	73	19	03	13		006	FEW C1 / 310 1001	JP
SA	1952	CLR	20			163	71	20	02	16		009	FEW C1	JP
SA	2051	CLR	20			169	69	20	04	14		012		JP
SA	2151	CLR	20			176	66	20	08	05		014	124 81	JP
SA	2259	CLR	20			184	66	20	02	17		016		JP
SA	2353	CLR	20			192	63	20	09	05		018		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 iRiLiVV Nddff 1sqTTT 2sqTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtp 7wwWjWj 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 03 APR 1989

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	26.570			35	6	6	CS	250												1	2	030			00-01
01 54	26.580			37	6															1					01-02
02 50	26.580			40	6															1					02-03
03 52	26.585			45	6	6	CS	250												1	3	.015			03-04
04 56	26.605			44	4															1					04-05
05 53	26.620			42	7															1					05-06
06 55	26.635			36	6	6	CS	250												1	2	.050			06-07
07 50	26.660			27	3															0					07-08
08 52	26.660			14	3															1					08-09
09 57	26.670			16	1	1	Cl	250												0	3	.035			09-10
10 51	26.660			15	0															0					10-11
11 52	26.645			14	0															0					11-12
12 53	26.635			15	0	0	Cl	250												0	7	.035			12-13
13 50	26.625			15	0															0					13-14
14 50	26.620			15	1															0					14-15
15 55	26.620			14	2	2	Cl	250												0	6	.015			15-16
16 54	26.620			14	1															0					16-17
17 55	26.630			13	0															0					17-18
18 56	26.650			13	0	0	Cl	250												0	3	.030			18-19
19 52	26.680			14	0															0					19-20
20 51	26.700			15	0															0					20-21
21 51	26.720			17	0															0	1	.070			21-22
22 59	26.740			17	0															0					22-23
23 53	26.760			19	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 0347		0	0		60	51										
	0347	1	0	0	0	64	51		0								
	0949	2	0	0	0	73	48		0								
	1553	3	0	0	0	81	72		0								
	2149	4	0	0	0	80	66		0								
	MID.		0	0	0	66	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0956	1555	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.670	26.620	26.720
BAROGRAPH 64	26.585	26.680	26.630	26.720
BAR. CORR. 65	± 0	-.010	-.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 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
81	48	0	0	0	23	SW	1415					2	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 0527 SUNSET 1807

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: 1045 8 / 1728 P1

1253 / 208 press 708 / 2354

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: 04 APR 1989

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			199	59	20	06	09		020	220	JP
SA	0154	CLR	20			199	59	21	06	10		020		JP
SA	0250	CLR	20			197	55	21	04	05		019		JP
SA	0355	CLR	20			201	57	22	06	06		020	500 55 RADAT 27116	RD
SA	0450	CLR	20			205	55	23	05	12		022		RD
SA	0553	CLR	20			216	57	23	07	05		025		RD
SA	0654	CLR	20			224	62	24	03	08		026	317	RD
SA	0752	CLR	20			224	66	24	03	09		027		RD
SA	0853	CLR	20			226	68	24	03	13		028		RD
SA	0953	CLR	20			226	71	23	03	16		028	107 54	RD
SA	1051	CLR	20			221	74	23	05	13		027		RD
SA	1154	CLR	20			214	76	23	35	13		025		RD
SA	1255	CLR	20			210	79	23	04	18		024	715	RD
SA	1351	CLR	20			203	80	28	03	10		021		RD
SA	1450	CLR	20			196	81	28	06	12		019		RD
SA	1554	CLR	20			193	80	28	05	17		018	615 81 RADAT 20124	JP
SA	1659	CLR	20			194	80	27	04	15		018	FEW CI	JP
SA	1756	CLR	20			197	78	25	05	12		019		JP
SA	1855	CLR	20			202	71	21	07	05		020	307	JP
SA	1958	CLR	20			212	70	23	06	10		024		JP
SA	2055	CLR	20			219	68	22	08	04		026		JP
SA	2155	CLR	20			222	67	22	31	03		027	120 81	JP
SA	2256	CLR	20			231	63	22	07	05		029		JP
SA	2352	CLR	20			229	65	24	06	13		029		JP

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

FM12-VII [illegible] 2s TTTd$_d$ 3P$_o$P P$_o$P$_o$ 4PPPP 5appp 6RRR$_{tR}$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NSMO, DESERT ROCK NEVADA

DATE 04 APR 1989

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	26.780			22	0															0	2	060			00-01
01 54	26.780			23	0															0					01-02
02 50	26.770			26	0															0					02-03
03 55	26.780			26	0															0	5	080			03-04
04 50	26.790			29	0															0					04-05
05 53	26.815			27	0															0					05-06
06 54	26.830			23	0															0	3	.050			06-07
07 52	26.840			20	0															0					07-08
08 53	26.850			19	0															0					08-09
09 53	26.850			17	0															0	1	.020			09-10
10 51	26.840			15	0															0					10-11
11 54	26.820			14	0															0					11-12
12 55	26.805			12	0															0	7	.045			12-13
13 51	26.785			15	0															0					13-14
14 50	26.770			15	0															0					14-15
15 54	26.760			15	0															0	6	045			15-16
16 59	26.760			14	0															0					16-17
17 56	26.770			14	0															0					17-18
18 55	26.780			15	0															0	3	020			18-19
19 58	26.810			17	0															0					19-20
20 55	26.830			17	0															0					20-21
21 55	26.840			18	0															0	1	060			21-22
22 56	26.860			21	0															0					22-23
23 52	26.860			21	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	63	55	X	X						X		
	0350	1	0	0	0	66	55		0								
	0949	2	0	0	0	71	54		0								
	1552	3	0	0	0	81	70		0								
	2153	4	0	0	0	81	67		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	27.780	26.850	26.760	26.846
BAROGRAPH 64	26.795	26.875	26.790	26.870
BAR. CORR. 65	-.015	-.025	-.030	-.030

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
81	54	0	0	0	24	NE	1233					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 0526 SUNSET 1808

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: 10458 11823P1

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: 05 APR 1989

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	0056	CLR	20			227	65	25	04	12		029	107	JP
SA	0157	CLR	20			233	61	24	08	07		030		JP
SA	0250	CLR	20			231	62	25	04	13		030		JP
SA	0353	CLR	20			233	61	25	03	13		030	103 58 RADAT 20132	HS
SA	0450	CLR	20			234	60	25	04	12		030		HS
SA	0550	CLR	20			242	58	25	04	13		033	CI SW	HS
SA	0650	CLR	20			251	63	25	05	16		035	314 1001	HS
SA	0750	CLR	20			250	67	25	04	13		035	CI S-SW	HS
SA	0851	CLR	20			245	71	25	02	10		034	CI S-SW	HS
SA	0950	CLR	20			243	77	25	32	04		034	603 1001 57	HS
SA	1050	CLR	20			236	79	24	13	11		032	CI SW	HS
SA	1150	CLR	20			226	80	28	11	12		029	CI SW	HS
SA	1250	250-SCT	20			218	83	31	09	08		027	720 1001	HS
SA	1350	250-SCT	20			207	84	32	08	09		024		HS
SA	1450	250-SCT	20			199	85	32	12	12		022	SC NW	HS
SA	1550	250-SCT	20			196	84	30	14	08		020	720 1001 86 RADAT 20137	CH
SA	1650	250-SCT	20			193	84	30	13	12		019		CH
SA	1750	250-SCT	20			195	82	27	13	10		019		CH
SA	1850	250-SCT	20			201	74	20	12	08		020	500 1001	CH
SA	1950	CLR	20			208	69	16	11	07		023		CH
SA	2050	CLR	20			212	65	13	10	04		024		CH
SA	2150	CLR	20			215	62	13	00	00		025	214 86	CH
SA	2250	CLR	20			219	61	18	02	04		026		CH
SA	2350	CLR	20			219	60	17	10	09		026		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 8$N_h C_L C_M C_H$ plus regional and national data groups.

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NAMO, DESERT ROCK NEVADA

DATE 05 APR 1989

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	26.860			22	0															0	1	.020			00-01
01 57	26.870			24	0															0					01-02
02 50	26.870			24	0															0					02-03
03 53	26.870			26	0															0	1	.010			03-04
04 50	26.870			26	0															0					04-05
05 50	26.890			28	0															0					05-06
06 50	26.910			24	0	0	C1	250												0	3	.040			06-07
07 50	26.910			21	0															0					07-08
08 51	26.900			18	0															0					08-09
09 50	26.900			15	0	0	C1	250												0	6	.010			09-10
10 50	26.880			13	0															0					10-11
11 50	26.860			15	0															0					11-12
12 50	26.840			15	1	1	C1	250												0	7	.060			12-13
13 50	26.810			14	2															1					13-14
14 50	26.790			15	3															1					14-15
15 50	26.780			14	2	2	C1	250												0	7	.060			15-16
16 50	26.770			14	2															0					16-17
17 50	26.770			13	1															0					17-18
18 50	26.780			13	2	2	C1	250												0	5	.000			18-19
19 50	26.800			13	0															0					19-20
20 50	26.810			13	0															0					20-21
21 50	26.820			14	0															0	2	.040			21-22
22 50	26.830			19	0															0					22-23
23 50	26.830			19	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 0351		0	0		66	58										
	0351	1	0	0	0	67	58		0								
	0950	2	0	0	0	77	57		0								
	1548	3	0	0	0	86	77		0								
	2148	4	0	0	0	85	62		0								
	MID.		0	0	0	62	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.900	26.780	26.820
BAROGRAPH 64	26.890	26.920	26.770	26.800
BAR. CORR. 65	-.020	*-.020	+.010	+.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	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	57	0	0	0	20	E	1152					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 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: 0600 / 1700 /

*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 NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 06 1989

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			216	61	18	11	05		026	103	CH
SA	0150	CLR	20			218	57	18	05	05		026		CH
SA	0250	CLR	20			219	55	19	10	04		026		CH
SA	0350	CLR	20			215	55	19	01	07		025	803 53 RADAT 27138	HS
SA	0450	CLR	20			215	54	19	00	00		025		HS
SA	0550	CLR	20			221	53	18	32	05		026		HS
SA	0650	CLR	20			223	63	21	07	04		027	307	HS
SA	0750	CLR	20			220	74	18	04	11		027		HS
SA	0850	CLR	20			225	77	24	04	10		028	0	HS
SA	0951	CLR	20			219	83	32	36	03		027	008 51	HS
SA	1050	CLR	20			214	87	33	10	09		026		HS
SA	1156	CLR	20			209	89	35	25	06		025		HS
SA	1252	CLR	20			200	90	36	32	07		023	714	HS
SA	1350	CLR	20			195	91	37	26	09		020		HS
SA	1450	CLR	20			188	92	36	22	11		018		HS
SA	1550	CLR	20			189	91	37	28	10		018	614 92 RADAT 25L132136	CH
SA	1650	CLR	20			186	88	33	22	05		017		CH
SA	1750	CLR	20			185	86	31	23	07		016		CH
SA	1850	CLR	20			189	75	22	00	00		017	503	CH
SA	1950	CLR	20			193	70	15	00	00		019		CH
SA	2050	CLR	20			195	68	13	07	04		020		CH
SA	2150	CLR	20			192	65	13	04	04		019	007 92	CH
SA	2250	CLR	20			193	64	12	00	00		020		CH
SA	2350	CLR	20			192	65	12	01	04		020		CH

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 06 1989

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	26.830			19	0															0	1	.010			00-01
01 50	26.830			22	0															0					01-02
02 50	26.830			24	0															0					02-03
03 50	26.820			24	0															0	8	.010			03-04
04 50	26.820			25	0															0					04-05
05 50	26.830			25	0															0					05-06
06 50	26.840			19	0															0	3	.020			06-07
07 50	26.840			12	0															0					07-08
08 50	26.850			14	0															0					08-09
09 51	26.840			16	0															0	0	.000			09-10
10 50	26.830			15	0															0					10-11
11 56	26.820			15	0															0					11-12
12 52	26.800			15	0															0	7	.040			12-13
13 50	26.780			15	0															0					13-14
14 50	26.760			14	0															0					14-15
15 50	26.760			15	0															0	6	.040			15-16
16 50	26.750			14	0															0					16-17
17 50	26.740			14	0															0					17-18
18 50	26.750			14	0															0	5	.010			18-19
19 50	26.770			12	0															0					19-20
20 50	26.780			12	0															0					20-21
21 50	26.770			13	0															0	0	.020			21-22
22 50	26.780			13	0															0					22-23
23 50	26.780			13	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	61	53	X	X						X		
	0348	1	0	0	0	62	53		0								
	0949	2	0	0	0	83	51		0								
	1548	3	0	0	0	92	83		0								
	2148	4	0	0	0	91	64		0								
	MID.	X	0	0	0	67	61	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	26.820	26.840	26.760	26.770
BAROGRAPH 64	26.815	26.850	26.750	26.760
BAR. CORR. 65	+.005	-.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	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
92	51	0	0	0	17	SW	1505					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87

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: 1/1005 1/1711 /

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 07 1989

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			189	61	12	10	04		019	000	CH
SA	0150	CLR	20			186	59	12	09	04		018		CH
SA	0250	CLR	20			184	57	14	10	06		017		CH
SA	0351	CLR	20			180	57	15	03	05		016	710 55 RADAT 20140	HS
SA	0450	CLR	20			182	55	15	10	03		016		HS
SA	0555	CLR	20			185	57	16	13	06		017		HS
SA	0650	CLR	20			188	65	17	00	00		017	303	HS
SA	0750	CLR	20			182	73	23	20	03		016		HS
SA	0850	CLR	20			180	80	29	36	08		016		HS
SA	0951	CLR	20			175	85	33	21	08		015	707 53	HS
SA	1052	CLR	20			170	88	34	19	07		014		HS
SA	1150	CLR	20			161	89	36	25	08		012	CI NE	HS
SA	1250	CLR	20			151	91	37	22	10		008	820 1001	HS
SA	1350	250 -SCT	20			139	93	39	21	09		005		HS
SA	1450	250 -SCT	20			130	92	38	23	13		002		HS
SA	1550	250 - SCT	20			126	92	38	24	14	G20	001	624 1001 93 RADAT 32143	CH
SA	1650	250 - SCT	20			124	90	35	20	10		000		CH
SA	1750	250 - SCT	20			120	88	33	23	12		999		CH
SA	1850	250 - SCT	20			119	82	29	00	00		999	607 1001	CH
SA	1950	CLR	20			128	72	20	03	08		001		CH
SA	2050	CLR	20			126	69	17	01	09		001		CH
SA	2150	CLR	20			123	71	18	02	09		001	10 79 3	CH
SA	2250	CLR	20			122	69	16	03	09		001		CH
SA	2350	CLR	20			123	66	14	01	05		001		CH
									~~04~~	~~05~~				

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

USNO, DESERT ROCK NEVADA

DATE APR 07 1989

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	26.770			14	0															0	0	.000			00-01
01 50	26.760			15	0															0					01-02
02 50	26.750			18	0															0					02-03
03 51	26.740			19	0															0	7	.030			03-04
04 50	26.740			20	0															0					04-05
05 55	26.750			20	0															0					05-06
06 50	26.750			16	0															0	3	.010			06-07
07 50	26.740			15	0															0					07-08
08 50	26.740			15	0															0					08-09
09 51	26.730			16	0															0	7	.020			09-10
10 52	26.720			15	0															0					10-11
11 50	26.700			15	0															0					11-12
12 50	26.670			15	0	0	CI	250												0	8	.060			12-13
13 50	26.640			15	3															1					13-14
14 50	26.610			15	3															1					14-15
15 50	26.600			15	3	3	CI	250												0	6	.070			15-16
16 50	26.590			14	3															0					16-17
17 50	26.580			14	2															0					17-18
18 50	26.580			15	2	2	CI	250												0	6	.020			18-19
19 50	26.600			14	0															0					19-20
20 50	26.600			14	0															0					20-21
21 50	26.600			13	0															0	1	.020			21-22
22 50	26.600			13	0															0					22-23
23 50	26.600			13	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		0	0		65	55										
	0349	1	0	0	0	67	55		0								
	0949	2	0	0	0	86	53		0								
	1548	3	0	0	0	93	85		0								
	2148	4	0	0	0	92	69		0								
	MID.		0	0	0	72	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.730	26.600	26.600
BAROGRAPH 64	26.740	26.735	26.590	26580
BAR. CORR. 65	0	-.005	+.010	+.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	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
93	53	0	0	0	20	SW	1541					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 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: 1051 0/1555/

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 08 1989

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			117	69	20	00	00		000	803	CH
SA	0150	250-SCT	20			115	70	18	04	05		000		CH
SA	0250	250-SCT	20			116	69	17	35	10		000		CH
SA	0353	CLR	20			112	69	22	05	07		999	803 63 RADAT 21135	HS
SA	0450	CLR	20			114	65	22	00	00		999	CI NE	HS
SA	0550	250-SCT	20			114	70	24	03	06		999		HS
SA	0651	250-SCT	20			118	75	25	03	10		000	303 1001	HS
SA	0755	CLR	20			126	77	25	01	12		001	FEW CI	HS
SA	0850	CLR	20			126	80	25	03	10		001	FEW CI	HS
SA	0950	CLR	20			120	83	31	05	13		000	000 63	HS
SA	1050	CLR	20			115	86	34	02	09		999		HS
SA	1150	CLR	20			104	87	35	26	04		995		HS
SA	1250	CLR	20			091	89	37	02	07		992	824	HS
SA	1350	CLR	20			081	91	40	22	06		990		HS
SA	1450	CLR	20			067	91	37	04	05		985		HS
SA	1550	CLR	20			066	92	38	23	08		985	620 93	CH
SA	1650	CLR	20			065	90	36	30	10		984		CH
SA	1750	CLR	20			064	88	35	34	07		984	RADAT MISG	CH
SA	1850	CLR	20			070	79	27	32	06		985	500	CH
SA	1950	CLR	20			075	75	22	12	04		986		CH
SA	2050	CLR	20			082	72	19	08	09		988		CH
SA	2150	CLR	20			085	70	18	03	08		990	214 93	CH
SA	2250	CLR	20			084	70	18	06	08		990		CH
SA	2350	CLR	20			087	71	16	00	00		991		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 $i_R i_X hVV$ Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 08 1989

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			15	0															0	8	.010			00-01
01 50	26.590			14	2															0					01-02
02 50	26.590			14	2															0					02-03
03 53	26.580			17	0															0	8	.010			03-04
04 50	26.580			20	0															0					04-05
05 50	26.580			17	Ø1															0					05-06
06 51	26.590			15	2	2	C1	250												0	3	.010			06-07
07 55	26.600			15	0															0					07-08
08 50	26.600			13	0															0					08-09
09 50	26.590			15	0															0	0	.000			09-10
10 50	26.580			16	0															0					10-11
11 50	26.550			16	0															0					11-12
12 50	26.520			16	0															0	8	.070			12-13
13 50	26.500			17	0															0					13-14
14 50	26.460			15	0															0					14-15
15 50	26.460			15	0															0	6	.060			15-16
16 50	26.450			15	0															0					16-17
17 50	26.450			15	0															0					17-18
18 50	26.460			15	0															0	5	.000			18-19
19 50	26.470			14	0															0					19-20
20 50	26.490			13	0															0					20-21
21 50	26.500			14	0															0	2	.040			21-22
22 50	26.500			14	0															0					22-23
23 50	26.510			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 0351	X	0	0	X	70	63	X	X						X		
	0351	1	0	0	0	72	63		0								
	0948	2	0	0	0	83	63		0								
	1548	3	0	0	0	93	83		0								
	2148	4	0	0	0	93	70		0								
	MID.	X	0	0	0	75	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.590	26.460	26.500
BAROGRAPH 64	26.580	26.590	26.450	26.480
BAR. CORR. 65	0	0	+.010	+.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	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
93	63	0	0	0	20	NE	1114					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10600 / 11611 /

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 09 1989

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			086	70	17	04	10		991	103	CH
SA	0150	CLR	20			084	72	22	03	15		991		CH
SA	0250	CLR	20			085	71	23	05	14		991		CH
SA	0354	CLR	20			095	66	23	03	03		993	307 64 RADAT 28131	MR
SA	0451	CLR	20			093	68	25	04	10		993		MR
SA	0555	CLR	20			103	62	19	11	05		994		MR
SA	0654	CLR	20			106	71	26	03	15		995	307 1001	MR
SA	0753	CLR	20			110	75	25	05	10		996		MR
SA	0854	CLR	20			112	78	25	03	11		997		MR
SA	0957	CLR	20			103	82	31	06	09		995	802 1001 60	MR
SA	1051	CLR	20			096	84	33	32	05		993		MR
SA	1155	CLR	20			090	86	33	29	09		992		MR
SA	1256	CLR	20			085	88	35	24	05		991	714 1001	MR
SA	1350	CLR	20			076	89	37	14	05		988		MR
SA	1451	CLR	20			067	90	38	23	04		985		MR
SA	1557	250 SCT	20			065	90	37	22	12		984	619 1008 91 ~~RADAT~~	JS
SA	~~1555~~	250 SCT	20			065	90	36	23	09		984	RADAT 26133	JS
	1655													
SA	1754	250 - BKN	20			068	87	33	35	10		984		JS
SA	1850	250 - BKN	20			067	84	31	35	09		985	302 1001	JS
SA	1950	250 SCT	20			074	82	28	36	10		987		JS
SA	2050	250 SCT	20			088	75	23	21	05		991		JS
SA	2151	250 SCT	20			097	73	20	00	00		994	227 1008 91	JS
SA	2253	250 SCT	20			099	75	23	02	08		995		JS
SA	2353	250 - BKN	20			102	73	22	05	07		995		JS

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

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 09 1989

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	26.510			13	0															0	1	.010			00-01
01 50	26.510			15	0															0					01-02
02 50	26.510			16	0															0					02-03
03 54	26.530			20	0															0	3	.020			03-04
04 57	26.525			20	0															0					04-05
05 55	26.540			19	0															0					05-06
06 54	26.550			18	0	0	C1	250												0	3	.020			06-07
07 53	26.560			15	0															0					07-08
08 54	26.565			14	0															0					08-09
09 57	26.545			16	0	0	C1	260												0	8	.005			09-10
10 51	26.530			16	0															0					10-11
11 55	26.515			15	0															0					11-12
12 56	26.505			15	0	0	C1	250												0	7	.040			12-13
13 50	26.485			16	0															0					13-14
14 51	26.460			16	0															0					14-15
15 51	26.450			15	1	1	CS	250												1	6	.055			15-16
16 55	26.450			15	1															1					16-17
17 54	26.450			15	8															2					17-18
18 50	26.455			15	8	8	C1	250												2	3	.005			18-19
19 50	26.475			14	1															1					19-20
20 50	26.510			14	1															1					20-21
21 51	26.535			14	1	1	CS	250												1	2	.080			21-22
22 53	26.545			14	3															2					22-23
23 53	26.550			14	8															2					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 0350	X	0	0	X	74	66	X	X						X		
	0350	1	0	0	0	75	64		0								
	0951	2	0	0	0	82	60		0								
	1549	3	0	0	0	91	82		0								
	2149	4	0	0	0	91	71		0								
	MID.	X	0	0	0	77	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.545	26.450	26.535
BAROGRAPH 64	26.510	26.545	26.430	26.520
BAR. CORR. 65	+.020	0*	+.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	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
91	60	0	0	0	19	SW	1625					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 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: 1035?P / 2114?P /

*BAROGRAPH CHANGED AND RESET TO ZERO CORR.

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 10 1989

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 - OVC	20			106	71	18	~~10~~ 01	10		996	208 1007	JS
SA	0152	250 - SCT	20			109	70	20	07	16		997		JS
SA	0250	250 - SCT	20			118	68	22	05	15T		000		JS
SA	0353	250 - SCT	20			122	65	24	04	10		001	214 1001 65 RADAT 20129	MR
SA	0450	250 - SCT	20			125	64	24	04	14		002		MR
SA	0550	250 - SCT	20			132	63	24	04	12		003		MR
SA	0652	250 - SCT	20			142	65	24	04	13		005	314 1001	MR
SA	0751	CLR	20			139	69	24	03	15		005		MR
SA	0851	CLR	20			140	75	25	09	10		005		MR
SA	0954	CLR	20			136	78	25	12	13		004	803 1001 63	MR
SA	1051	250 - SCT	20			126	80	30	12	13		002		MR
SA	1151	250 - SCT	20			114	84	34	16	08		999		MR
SA	1253	250 - SCT	20			102	88	36	20	14G20		995	627 1006	MR
SA	1351	250 - BKN	20			087	90	38	21	16G22		991		MR
SA	1451	250 - BKN	20			073	91	40	22	16G24		987		MR
SA	1551	250 SCT	20			065	90	38	23	08		984	634 1008 91 RADAT 20136	JS
SA	1652	250 SCT	20			058	88	36	22	16G23		982		JS
SA	1750	250 - BKN	20			054	86	34	20	10G20		980		JS
SA	1852	250 - BKN	20			048	85	32	21	13		979	617 1008	JS
SA	1951	E250 OVC	20			050	85	33	21	13		980		JS
SA	2052	E250 OVC	20			054	83	31	22	12		981		JS
SA	2150	E250 OVC	20			048	82	30	23	10G20		980	003 1007 91	JS
SA	2251	250 - BKN	20			054	77	26	26	09		981		JS
SA	2351	250 - OVC	20			064	76	24	31	11		984		JS

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK, NV

DATE APR 10 1989

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	26.560			13	10	10	CS	250												3	2	.025			00-01
01 52	26.570			15	3															1					01-02
02 50	26.590			17	3															1					02-03
03 53	26.600			21	3	3	CI	250												1	2	.040			03-04
04 50	26.605			22	3															0					04-05
05 50	26.620			22	3															0					05-06
06 52	26.640			20	1	1	CI	250												0	3	.040			06-07
07 51	26.640			18	0															0					07-08
08 51	26.640			15	0															0					08-09
09 54	26.630			14	0	0	CI	250												0	8	.010			09-10
10 51	26.610			16	1															0					10-11
11 51	26.580			17	1															0					11-12
12 53	26.550			16	4	4	CS	250												0	8	.080			12-13
13 51	26.510			16	9															1					13-14
14 51	26.475			17	7															1					14-15
15 51	26.450			16	1	1	CS	250												1	6	.100			15-16
16 52	26.425			16	4															3					16-17
17 50	26.410			16	8															3					17-18
18 52	26.400			15	8	8	CS	250												3	6	.050			18-19
19 51	26.410			16	10															8					19-20
20 52	26.420			15	10															8					20-21
21 50	26.410			15	10	10	CS	E250												9/10	0	.010			21-22
22 51	26.420			15	7															3					22-23
23 51	26.450			15	10															4					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 0350	X	0	0	X	73	65	X	X						X		
	0350	1	0	0	0	77	65		0								
	0950	2	0	0	0	78	63		0								
	1549	3	0	0	0	91	78		0								
	2148	4	0	0	0	90	81		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.450	26.410
BAROGRAPH 64	26.610	26.650	26.470	26.410
BAR. CORR. 65	-.010	-.020	-.020	±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
91	63	0	0	0	27	SW	1734 H					3	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 0517 SUNSET 1813

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: / 0551 / 1552 /

H LAST OF SEVERAL OCCURRENCES

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 11 1989

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	E250 OVC	20			066	71	21	31	08		985	115 1007	JS
SA	0156	E250 OVC	20			067	69	19	07	03		985		JS
SA	0250	250 - OVC	20			070	69	27	04	18G23		986		JS
SA	0353	300 -OVC	20			084	68	27	04	20		990	315 1007 67 RADAT 20132	MR
SA	0451	300 -OVC	20			093	66	27	04	15G20		992		MR
SA	0551	300 -OVC	20			108	64	26	07	15G20		996		MR
SA	0653	300 -SCT	20			119	66	25	03	15G20		000	329 1008	MR
SA	0753	CLR	20			121	67	24	05	18		000		MR
SA	0851	CLR	20			123	70	24	06	12		001		MR
SA	0955	CLR	20			118	73	21	05	16G21		000	002 64	MR
SA	1051	CLR	20			112	76	25	05	15G22		997		MR
SA	1150	300 -SCT	20			100	77	27	03	10G14		994		MR
SA	1252	300 -OVC	20			094	79	29	04	10		992	724 1004	MR
SA	1351	300 -OVC	20			083	80	30	06	13		988		MR
SA	1451	300 -OVC	20			070	82	31	03	11G15		985		MR
SA	1552	300 - OVC	20			066	83	31	05	10		984	624 1001 83	JS
													RADAT 20136	
SA	1650	300 - OVC	20			065	81	29	01	08		983		JS
SA	1752	300 - OVC	20			064	79	28	07	05		982		JS
SA	1850	300 - BKN	20			062	73	22	04	09		982	607 1001	JS
SA	1954	300 - SCT	20			076	68	17	06	09		984		JS
SA	2051	300 - BKN	20			078	67	16	08	04		985		JS
SA	2150	300 - BKN	20			084	62	13	19	03		986	214 1001 83	JS
SA	2253	300 SCT	20			074	69	16	05	11		985		JS
SA	2350	300 SCT	20			082	62	9	02	03		986		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 iRixhVV Nddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE APR 11 1989

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	26.455			15	10	10	CS	F250												10	1	.045			00-01
01 50	26.460			14	10															10					01-02
02 50	26.465			21	10															4					02-03
03 53	26.500			22	10	10	CS	300												3	3	.045			03-04
04 51	26.520			23	10															4					04-05
05 51	26.555			23	10															3					05-06
06 53	26.585			21	4	4	CS	300												1	3	.085			06-07
07 53	26.590			19	0															0					07-08
08 51	26.600			17	0															0					08-09
09 55	26.590			14	0															0	0	.005			09-10
10 51	26.570			15	0															0					10-11
11 50	26.540			16	3															0					11-12
12 52	26.520			16	10	10	CI	300												2	7	.070			12-13
13 51	26.485			16	10															5					13-14
14 51	26.460			16	10															4					14-15
15 52	26.480			16	10	10	CI	300												4	6	.070			15-16
16 50	26.440			15	10															4					16-17
17 52	26.430			16	10															2					17-18
18 50	26.430			14	8	8	CI	300												2	6	.020			18-19
19 54	26.450			14	3															1					19-20
20 51	26.460			14	7															2					20-21
21 50	26.470			14	8	8	CI	300												2	2	.040			21-22
22 53	26.460			13	1															1					22-23
23 50	26.470			12	1															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	X	0	0	X	76	67	X	X						X		
	0350	1	0	0	0	82	67		0								
	0950	2	0	0	0	74	64		0								
	1549	3	0	0	0	83	73		0								
	2148	4	0	0	0	83	61		0								
	MID.	X	0	0	0	70	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.590	26.450	26.470
BAROGRAPH 64	26.500	26.590	26.450	26.460
BAR. CORR. 65	0	0	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
83	61	0	0	0	28	NE	0300					6	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 0516 SUNSET 1814

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: 1045Z / 1855 /

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 18 1989

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	0051	300 SCT	20			083	65	14	03	09		987	303 1001	JS
SA	0150	CLR	20			086	64	16	07	14		988		JS
SA	0250	CLR	20			090	64	18	07	12		990		JS
SA	0354	CLR	20			095	63	18	07	12		992	312 61 RADAT 30119	MR
SA	0451	& 250 -SCT	20			104	62	18	04	12		994		MR
SA	0552	250 -OVC	20			112	60	18	04	14		995		MR
SA	0651	250 -OVC	20			121	63	19	04	14		997	219 1001	MR
SA	0754	250 -BKN	20			124	67	21	03	14		998		MR
SA	0851	250 -BKN	20			126	70	21	05	11		000		MR
SA	0953	CLR	20			125	72	19	04	12		999	003 1001 60	MR
SA	1053	CLR	20			115	74	21	36	13		997		MR
SA	1154	CLR	20			110	76	23	05	12G19		995		MR
SA	1251	CLR	20			098	76	25	35	12		992	820 1001	MR
SA	1351	CLR	20			092	77	26	04	12G18		990		MR
SA	1451	CLR	20			085	79	26	04	14G23		988		MR
SA	1552	CLR	20			085	78	25	03	12		987	614 79 RADAT 21112	JS
SA	1651	CLR	20			084	77	24	04	11		987		JS
SA	1750	CLR	20			086	76	22	05	10		987		JS
SA	1852	CLR	20			094	71	18	07	10		990	307 1008	JS
SA	1954	CLR	20			105	66	13	08	08		993		JS
SA	2050	CLR	20			110	66	14	11	08		995		JS
SA	2153	CLR	20			110	66	13	35	05		995	115 79	JS
SA	2254	CLR	20			117	60	9	11	08		996		JS
SA	2354	CLR	20			120	63	8	03	09		997		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 $i_R i_X hVV$ Ndd(f) $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ $4PPPP$ 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-81)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE APR 12 1989

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 51	26.480			14	1	1	Cl	300												1	3	.010			00-01
01 50	26.490			16	0															0					01-02
02 50	26.500			17	0															0					02-03
03 54	26.515			17	0															0	3	.035			03-04
04 51	26.535			18	3															0					04-05
05 52	26.550			19	10															1					05-06
06 51	26.570			18	10	10	Cl	250												1	2	.055			06-07
07 54	26.575			17	7															2					07-08
08 51	26.585			16	6															2					08-09
09 53	26.580			14	0	0	Cl	250												0	0	.010			09-10
10 53	26.565			14	0															0					10-11
11 54	26.545			14	0															0					11-12
12 51	26.520			14	0	0	Cl	250												0	8	.060			12-13
13 51	26.500			15	0															0					13-14
14 51	26.485			14	0															0					14-15
15 52	26.480			14	0															0	6	.040			15-16
16 51	26.475			14	0															0					16-17
17 50	26.480			13	0															0					17-18
18 52	26.500			13	0	0	CS	250												0	3	.020			18-19
19 54	26.525			13	0															0					19-20
20 50	26.545			13	0															0					20-21
21 53	26.545			13	0															0	1	.045			21-22
22 54	26.560			13	0															0					22-23
23 54	26.570			11	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		0	0		66	61										
	0349	1	0	0	0	70	61		0								
	0950	2	0	0	0	72	60		0								
	1549	3	0	0	0	79	72		0								
	2150	4	0	0	0	78	63		0								
	MID.		0	0	0	66	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.515	26.580	26.480	26.545
BAROGRAPH 64	26.515	26.585	26.490	26.540
BAR. CORR. 65	0	+.005	-.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'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
79	59	0	0	0	23	NE	1444					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 0515 SUNSET 1815

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: 1035Z / 1755 /

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 13 1989

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	0055	CLR	20			121	63	10	13	12		998	110	JS
SA	0151	CLR	20			128	60	10	06	04		000		JS
SA	0250	CLR	20			132	58	14	06	08		001		JS
SA	0355	CLR	20			134	57	15	06	07		001	108 56 RADAT 27112	DC
SA	0455	CLR	20			136	59	16	04	11		003		DC
SA	0554	CLR	20			143	60	18	03	12		004	CI NW	DC
SA	0656	CLR	20			150	63	19	02	11		006	215 1001	DC
SA	0757	CLR	20			151	67	20	01	09		006	CI NW	DC
SA	0858	250-SCT	20			150	71	20	07	06		006		DC
SA	0955	250-BKN	20			150	75	19	14	10		006	202 1006 56	DC
SA	1056	250-SCT	20			145	78	25	14	07	G17	005		DC
SA	1157	250-SCT	20			136	78	26	07	04		003		DC
SA	1255	CLR	20			129	80	28	05	05		001	717 1001	DC
SA	1356	CLR	20			123	81	29	04	06		999		DC
SA	1456	CLR	20			120	81	29	04	04		997		DC
SA	1550	CLR	20			117	82	29	02	04		996	714 1001 82 RADAT 20120	CRD
SA	1650	CLR	20			116	80	27	34	03		996	CI N	CRD
SA	1750	250-SCT	20			118	79	24	18	05		997		CRD
SA	1855	250-BKN	20			121	73	20	25	04		997	303 1001	CRD
SA	1955	250-BKN	20			129	68	15	10	06		000		CRD
SA	2052	250-BKN	20			132	64	11	11	05		001		CRD
SA	2150	250-OVC	20			136	63	11	07	04		002	214 1007 82	CRD
SA	2250	250-BKN	20			138	61	11	07	05		003		CRD
SA	2350	250-BKN	20			135	60	11	10	07		002		CRD

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

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE APR 13 1989

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	26.575			13	0															0	1	.030			00-01
01 51	26.590			14	0															0					01-02
02 50	26.600			17	0															0					02-03
03 55	26.600			19	0															0	1	.025			03-04
04 55	26.615			18	0															0					04-05
05 54	26.630			19	0															0					05-06
06 56	26.645			18	0	0	CI	250												0	2	.045			06-07
07 57	26.645			16	0															0					07-08
08 58	26.650			14	2															0					08-09
09 55	26.650			12	6	6	CS	250												0	2	.005			09-10
10 56	26.635			14	1															0					10-11
11 57	26.615			15	1															0					11-12
12 55	26.600			15	0	0	CI	250												0	7	.050			12-13
13 56	26.580			15	0															0					13-14
14 56	26.570			15	0															0					14-15
15 50	26.560			15	0	0	CI	250												0	7	.040			15-16
16 50	26.560			14	0															0					16-17
17 50	26.565			13	3															1					17-18
18 55	26.570			13	6	6	CI	250												2	3	.010			18-19
19 55	26.590			13	8															3					19-20
20 52	26.600			12	8															3					20-21
21 50	26.610			13	10	10	CS	250												3	2	.040			21-22
22 50	26.615			14	8															3					22-23
23 50	26.610			14	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 0349	X	0	0	X	64	56	X	X						X		
	0349	1	0	0	0	66	56		0								
	0950	2	0	0	0	75	57		0								
	1548	3	0	0	0	82	75		0								
	2147	4	0	0	0	82	60		0								
	MID.	X	0	0	0	63	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.650	26.560	26.610
BAROGRAPH 64	26.610	26.650	26.550	26.610
BAR. CORR. 65	-.010	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
82	56	0	0	0	20	E	1213					1	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 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: / 1030P / 1800P /

* BAROGRAPH CHART CHANGED "0" COR.

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 1989

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. REPORTER'S INITIALS (15)
SA	0055	250 - BKN	20			137	57	11	03	05		002	000 1008	CRD
SA	0154	250 - BKN	20			136	56	11	36	05		002		CRD
SA	0250	250 - BKN	20			137	56	12	36	03		002		CRD
SA	0358	250 - BKN	20			140	54	11	07	06		003	303 1008 52	DC
/													RADAT 20126	/
SA	0457	250 - SCT	20			145	50	11	35	05		004		DC
SA	0554	250 - OVC	20			150	53	12	03	04		005		DC
SA	0656	250 - OVC	20			150	64	14	00	00		006	210 1007	DC
SA	0758	250 - OVC	20			150	69	17	00	00		006		DC
SA	0855	250 - OVC	20			150	76	26	00	00		006		DC
SA	0957	250 - OVC	20			147	81	28	27	06		006	400 1007 50	DC
SA	1056	250 - OVC	20			144	82	29	24	12		005		DC
SA	1155	250 - OVC	20			136	84	31	23	13		003		DC
SA	1257	250 - OVC	20			129	85	32	24	10 G18		001	819 1007	DC
SA	1357	140 SCT 250 - OVC	20			120	85	33	24	09		997		DC
SA	1455	E 250 OVC	20			111	85	31	21	12		995	FEW AC	DC
SA	1552	190 SCT E 250 OVC	20			110	85	32	22	11 G18		995	717 1032 86 RADAT 20139	CRD
SA	1651	190 SCT E250 OVC	20			110	84	30	24	13 G19		994		CRD
SA	1754	190 SCT 250 - OVC	20			109	81	27	22	14		994		CRD
SA	1851	190 SCT 250 - OVC	20			103	78	25	20	13		993	705 1032	CRD
SA	1956	190 SCT 250 - OVC	20			110	74	22	20	04		995		CRD
SA	2051	250 - SCT	20			105	75	23	36	05		995	FEW AC	CRD
SA	2154	250 - SCT	20			106	69	16	01	05		995	107 1008 86	CRD
SA	2250	250 - SCT	20			104	70	18	01	03		995		CRD
SA	2353	250 - SCT	20			103	73	21	20	10		995		CRD

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

FM12-VII Ii iii $i_R i_X hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ $4PPPP$ $5a_0a_0a_0$ $6RRR_tr_r$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NELLIS AFB, DESERT ROCK NEVADA

DATE APR 14 1989

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	26.610			16	8	8	Cs	250												3	0	.000			00-01
01 54	26.610			17	7															3					01-02
02 50	26.610			17	8															3					02-03
03 58	26.620			18	6	6	CS	250												2	3	.010			03-04
04 57	26.625			21	2															0					04-05
05 54	26.640			19	10															1					05-06
06 56	26.650			14	10	10	CS	250												1	2	.030			06-07
07 58	26.650			14	10															2					07-08
08 55	26.650			16	10															2					08-09
09 57	26.650			14	10	10	CS	250												2	4	.000			09-10
10 56	26.640			15	10															1					10-11
11 55	26.620			15	10															2					11-12
12 57	26.595			15	10	10	CS	250												2	8	.055			12-13
13 57	26.570			16	10															3					13-14
14 55	26.550			14	10															6					14-15
15 52	26.545			15	10	4	Ac	190	6	Ci	250	10								7	7	.050			15-16
16 51	26.540			14	10															6					16-17
17 54	26.535			14	10															5					17-18
18 51	26.530			14	10	3	Ac	190	7	Ci	250	10								5	7	.015			18-19
19 56	26.550			14	10															5					19-20
20 51	26.550			14	5															2					20-21
21 54	26.550			13	4	4	Cs	250												2	1	.020			21-22
22 50	26.545			14	3															1					22-23
23 53	26.550			14	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	X	0	0	X	61	52	X	X						X		
	0350	1	0	0	0	63	52		0								
	0950	2	0	0	0	81	50		0								
	1549	3	0	0	0	86	80		0								
	2149	4	0	0	0	85	68		0								
	MID.	X	0	0	0	74	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.545	26.550
BAROGRAPH 64	26.620	26.650	26.535	26.545
BAR. CORR. 65	0	0	+.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'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
86	50	0	0	0	21	SW	1611					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

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: 1040 P/ 1900 P/

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 15 1989

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. SERVERS INITIALS (15)
SA	0053	250 -SCT	20			100	73	24	20	10		~~995~~ 994	S03 1008	CRD
SA	0155	250 - BKN	20			097	68	23	06	06		993		CRD
SA	0251	250 - BKN	20			093	72	25	01	05		993		CRD
SA	0358	250 - BKN	20			097	65	24	01	08		993	605 1008 65	DC
													RADAT 22129	
SA	0454	160 SCT 250 - BKN	20			104	63	24	01	06		994		DC
SA	0552	250 - SCT	20			110	61	24	04	07		995	AC NE	DC
SA	0656	CLR	20			111	70	27	34	07		996	212	DC
SA	0755	CLR	20			110	73	29	31	05		996		DC
SA	0856	CLR	20			105	76	29	25	05		995		DC
SA	0954	CLR	20			110	77	31	22	10		996	502 60	DC
SA	1058	CLR	20			100	80	31	23	13		994		DC
SA	1155	CLR	20			090	83	30	24	12	G20	992	CU N	DC
SA	1258	CLR	20			080	85	32	23	13	G18	988	CU N / 722 1100	DC
SA	1357	CLR	20			071	85	33	25	15	G21	986	CU N	DC
SA	1455	CLR	20			065	86	34	24	12	G20	984	FEW CU	DC
SA	1550	CLR	20			060	85	33	23	10		983	717 1100 86 RADAT 20127	CRD
SA	1650	CLR	20			063	83	30	21	11		982		CRD
SA	1751	250 - SCT	20			061	81	28	21	11		981		CRD
SA	1853	250 - SCT	20			058	78	28	22	11		981	607 1008	CRD
SA	1955	250 - SCT	20			064	74	27	03	04		983		CRD
SA	2050	250 - SCT	20			066	75	27	03	06		984		CRD
SA	2154	250 - SCT	20			071	68	25	03	10		984	210 1008 86	CRD
SA	2250	CLR	20			073	67	25	03	10		985		CRD
SA	2353	CLR	20			075	66	27	03	10		986		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

(4-80)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 15 1989

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	26.540			16	3	3	CS	250												1	5	.010			00-01
01 55	26.530			18	8															4					01-02
02 51	26.525			17	7															3					02-03
03 58	26.525			21	7	7	CS	250												2	6	.015			03-04
04 54	26.540			22	7															2					04-05
05 52	26.550			24	2															1					05-06
06 56	26.560			20	0															0	2	.035			06-07
07 55	26.555			20	0															0					07-08
08 56	26.550			18	0															0					08-09
09 54	26.555			19	0															0	5	.005			09-10
10 58	26.535			17	0															0					10-11
11 55	26.515			15	0															0					11-12
12 58	26.490			15	0	0	Cu	70												0	7	.065			12-13
13 57	26.465			16	0															0					13-14
14 55	26.450			16	0															0					14-15
15 50	26.440			16	0	0	Cu	70												0	7	.050			15-16
16 50	26.430			15	0															0					16-17
17 51	26.420			14	1															0					17-18
18 53	26.420			16	3	3	CS	250												1	6	.020			18-19
19 55	26.435			17	3															1					19-20
20 50	26.445			17	3															1					20-21
21 54	26.450			20	3	3	CS	250												1	2	.030			21-22
22 50	26.455			20	0															0					22-23
23 53	26.465			23	0															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 0350	X	0	0	X	74	65	X	X						X		
	0350	1	0	0	0	74	65		0								
	0948	2	0	0	0	78	60		0								
	1547	3	0	0	0	86	77		0								
	2150	4	0	0	0	86	68		0								
	MID.	X	0	0	0	68	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0951	1549	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.555	26.440	26.450
BAROGRAPH 64	26.520	26.545	26.430	26.440
BAR. CORR. 65	+.005	+.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	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	60	0	0	0	22	W	1405					.0	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 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: 1070 0P / 1800 P /

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 16 1989

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	0052	CLR	20			076	66	32	36	05		986	207	CRD
SA	0153	CLR	20			077	64	34	35	06		986		CRD
SA	0251	250 - SCT	20			081	61	33	05	08		987		CRD
SA	0355	250 - SCT	20			089	60	33	33	05		990	310 1001 60 RADAT 54122	[illegible]
SA	0458	250 - SCT	20			093	57	32	08	06		990		[illegible]
SA	0550	250 - SCT	20			092	60	32	09	03		991		[illegible]
SA	0652	CLR	20			103	64	32	04	03		993	310 1001	[illegible]
SA	0753	CLR	20			106	70	31	23	06		994	FEW CI	[illegible]
SA	0854	250 - SCT	20			103	74	36	22	10		994		[illegible]
SA	0950	250 - SCT	20			106	76	35	21	11		994	103 1001 56	[illegible]
SA	1051	250 - SCT	20			100	80	34	17	07		993		[illegible]
SA	1151	250 - SCT	20			088	83	35	24	07		990		[illegible]
SA	1252	250 - SCT	20			078	85	34	23	13		987	ACSL N / 720 1041	[illegible]
SA	1356	250 - SCT	20			071	87	33	21	13		985	ACSL N	[illegible]
SA	1450	250 - SCT	20			069	87	33	22	13	G19	984	AC NW-N	[illegible]
SA	1554	170 SCT E250 BKN	20			066	87	33	25	13		983	814 1071 88 RADAT 2013A	EP
SA	1652	E250 BKN	20			073	85	33	22	12	G20	984	ACSL N-E	EP
SA	1752	E 250 OVC	20			073	82	29	20	08		984	ACSL SE	EP
SA	1852	170 SCT E250 OVC	20			075	80	27	20	05		985	307 1072	EP
SA	1951	250 SCT	20			077	78	26	21	06		986		EP
SA	2050	250 SCT	20			079	77	27	00	00		987		EP
SA	2154	170 SCT E250 BKN	20			081	77	29	11	04		988	210 1072 88	EP
SA	2250	250 SCT	20			088	75	29	05	04		991		EP
SA	2351	E250 BKN	20			087	75	28	28	06		991		EP

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

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 16 1989

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			28	0															0	2	.020			00-01
01 53	26.470			33	0															0					01-02
02 51	26.480			35	2															0					02-03
03 55	26.500			36	2	2	Ci	250												0	3	.030			03-04
04 58	26.500			39	2															0					04-05
05 50	26.510			35	2															0					05-06
06 52	26.530			30	0	0	Ci	250												0	3	.030			06-07
07 53	26.540			24	0															0					07-08
08 54	26.540			25	2															0					08-09
09 50	26.540			23	2	2	Ci	250												0	1	.010			09-10
10 51	26.530			19	2															0					10-11
11 51	26.500			18	2															0					11-12
12 52	26.480			16	2	0	ACSL	180	2	Ci	250	2								0	7	.060			12-13
13 56	26.460			15	2															0					13-14
14 50	26.450			15	2															0					14-15
15 54	26.440			15	7	3	Ac	170	4	Ci	E250	7								4	8	.040			15-16
16 52	26.450			16	9															5					16-17
17 52	26.450			15	10															6					17-18
18 52	26.460			14	10	1	Ac	170	10	Ci	E250	10								6	3	.020			18-19
19 51	26.470			15	5															3					19-20
20 50	26.480			16	5															3					20-21
21 54	26.490			17	7	1	Ac	170	6	Ci	E250	7								6	2	.030			21-22
22 50	26.510			18	2															2					22-23
23 51	26.510			18	9															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 0351	X	0	0	X	67	60	X	X						X		
	0351	1	0	0	0	68	60		0								
	0946	2	0	0	0	77	56		0								
	1550	3	0	0	0	88	76		0								
2045	2254	4	0	0	0	87	74		0								
	MID.	X	0	0	0	78	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.540	26.440	26.490
BAROGRAPH 64	26.485	26.530	26.435	26.480
BAR. CORR. 65	+.015	+.010	+.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	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
88	56	0	0	0	26	SW	1407					3	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 0509 SUNSET 1819

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: 1042 0 / 2135 /

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 1989

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	160 SCT E230 BKN	20			085	70	27	35	05		990	003 1077	EP
SA	0152	160 SCT E230 BKN	20			090	72	28	04	05		992		EP
SA	0250	160 SCT 230 - BKN	20			096	66	28	36	06		993		EP
SA	0357	180 SCT 250 SCT	20			100	65	27	05	08		994	112 1071 64 RADAT 27136	[illegible]
SA	0451	E180 BKN 250 BKN	20			108	62	27	00	00		995		[illegible]
SA	0555	E180 BKN 250 BKN	20			119	65	29	36	03		999		[illegible]
SA	0650	E170 BKN 250 BKN	20			123	69	32	00	00		000	119 1071	[illegible]
SA	0750	E170 BKN 250 BKN	20			124	74	31	25	04		001		[illegible]
SA	0855	170 SCT E250 BKN	20			126	78	31	24	06		002	ACSL SE	[illegible]
SA	0954	170 SCT 250 SCT	20			130	79	31	29	06		003	210 1071 62	[illegible]
SA	1058	170 SCT 250 SCT	20			129	82	30	18	06		003		[illegible]
SA	1150	170 SCT 250 SCT	20			121	84	34	23	13	G22	001		[illegible]
SA	1253	170 SCT 250 SCT	20			110	88	37	23	16	G25	997	817 1071	[illegible]
SA	1350	170 SCT 250 SCT	20			105	89	38	24	15	G26	996		[illegible]
SA	1450	250 SCT	20			103	89	38	20	11	G19	995	FEW ~~AC~~ CU AC	[illegible]
SA	1555	CLR	20			100	88	38	23	13		994	710 1170 96 RADAT 21138	EP
SA	1652	CLR	20			099	88	36	21	11		993		EP
SA	1750	CLR	20			102	85	34	22	10		994		EP
SA	1852	CLR	20			106	81	31	23	07		995	303 1070	EP
SA	1951	CLR	20			113	78	30	00	00		997		EP
SA	2051	CLR	20			115	77	27	02	06		999		EP
SA	2152	CLR	20			115	77	25	00	00		999	110 90	EP
SA	2250	CLR	20			116	79	27	00	00		000		EP
SA	2356	CLR	20			126	69	26	34	07		002		EP

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE APR 17 1989

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	26.500			21	8	1	Ac	160	7	Ci	E230	8								6	0	.010			00-01
01 52	26.520			20	9															7					01-02
02 50	26.530			24	9															4					02-03
03 57	26.535			24	4	2	Ac	180	2	Ci	250	4								3	1	.035			03-04
04 51	26.550			26	9															8					04-05
05 55	26.580			26	9															8					05-06
06 50	26.590			25	9	7	Ac	E170	2	Ci	250	9								7	1	.055			06-07
07 50	26.600			21	9															8					07-08
08 55	26.610			18	7															5					08-09
09 54	26.620			17	5	4	Ac	170	1	Ci	250	5								4	2	.030			09-10
10 58	26.620			15	5															4					10-11
11 50	26.600			17	5															4					11-12
12 53	26.570			17	2	1	Ac	170	1	Ci	250	2								2	8	.050			12-13
13 50	26.560			17	2															2					13-14
14 50	26.550			17	1															1					14-15
15 55	26.540			17	0	0	Cu	110	0	Ac	150	0								0	7	.030			15-16
16 52	26.530			16	0															0					16-17
17 50	26.540			16	0															0					17-18
18 52	26.550			16	0	0	Ac	150												0	3	.010			18-19
19 51	26.570			17	0															0					19-20
20 51	26.580			16	0															0					20-21
21 52	26.580			15	0															0	1	.030			21-22
22 50	26.590			15	0															0					22-23
23 56	26.610			20	0															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 0352	X	0	0	X	75	64	X	X						X		
	0352	1	0	0	0	78	64		0								
	0950	2	0	0	0	81	62		0								
	1551	3	0	0	0	90	79		0								
	2149	4	0	0	0	89	74		0								
	MID.	X	0	0	0	79	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.620	26.540	26.580
BAROGRAPH 64	26.515	26.620	26.540	26.580
BAR. CORR. 65	+.020	*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 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
90	62	0	0	0	28	SW	1224					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 0508 SUNSET 1820

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: 1043 2 / 2245 1

* BAROGRAPH CHANGED - RESET TO ±.0 CORR.

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 18 1989

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	0051	CLR	20			122	68	27	36	08		001	007	EP
SA	0152	CLR	20			123	64	26	10	05		001		EP
SA	0250	CLR	20			126	64	26	00	00		002		EP
SA	0353	CLR	20			134	60	25	03	05		003	307 60 RADAT 20134	[illegible]
SA	0454	CLR	20			137	62	25	00	00		004		[illegible]
SA	0553	CLR	20			146	62	25	34	03		006		[illegible]
SA	0652	CLR	20			154	68	26	33	04		008	317 1001	[illegible]
SA	0750	CLR	20			150	76	27	00	00		008		[illegible]
SA	0851	CLR	20			148	81	27	12	09		008		[illegible]
SA	0958	CLR	20			143	85	29	13	13		007	AC DSNT SE/803 103059	[illegible]
SA	1053	CLR	20			137	87	33	11	09		006	AC DSNT SE	[illegible]
SA	1154	CLR	20			137	88	34	11	03		005	CU SE FEW CI	[illegible]
SA	1254	CLR	20			130	89	37	31	05		003	814 1101	[illegible]
SA	1351	250-SCT	20			123	89	37	36	04		001	CU SE	[illegible]
SA	1451	250-BKN	20			111	91	38	31	06		997	CU SE	[illegible]
SA	1553	250-OVC	20			109	91	38	24	10		996	620 1007 92 RADAT 34135	EP
SA	1650	250-OVC	20			105	89	36	26	10		995		EP
SA	1751	250-BKN	20			104	87	33	23	11		994		EP
SA	1852	250-SCT	20			109	83	30	24	09		996	500 1008	EP
SA	1951	250-SCT	20			114	81	29	23	09		999		EP
SA	2052	250-OVC	20			115	75	30	23	08		999		EP
SA	2151	250-OVC	20			114	73	29	03	04		999	107 1007 92	EP
SA	2250	250-OVC	20			112	74	29	11	06		999		EP
SA	2351	E250 OVC	20			113	71	28	05	06		999		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] 4PPPP [illegible] 6RRR [illegible] W1W2 8NLCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 18 1989

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

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 51	26.600			22	0															0	0	.020		
01 52	26.600			24	0															0				
02 50	26.610			24	0															0				
03 53	26.620			26	0															0	3	.020		
04 54	26.630			24	0															0				
05 53	26.650			24	0															0				
06 52	26.670			21	0	0	Ci	300												0	3	.050		
07 50	26.670			16	0															0				
08 51	26.670			14	0															0				
09 58	26.660			13	0	0	Ac	170												0	8	.010		
10 53	26.650			15	0															0				
11 54	26.640			15	0															0				
12 54	26.620			16	0	0	Cu	90	0	Ci	250	0								0	8	.040		
13 51	26.600			16	2															0				
14 51	26.570			16	9															2				
15 53	26.560			16	10	10	Cs	250												1	6	.060		
16 50	26.550			15	10															1				
17 51	26.540			15	9															1				
18 52	26.560			15	5	5	Cs	250												1	5	.000		
19 51	26.580			15	3															1				
20 52	26.580			19	10															3				
21 51	26.580			20	10	10	Cs	250												2	1	.020		
22 50	26.580			19	10															2				
23 51	26.580			20	10															6				

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	70	60	X	X						X		
	0349	1	0	0	0	79	60		0								
	0954	2	0	0	0	85	59		0								
	1549	3	0	0	0	92	85		0								
	2149	4	0	0	0	91	73		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0958	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.560	26.580
BAROGRAPH 64	26.610	26.660	26.560	26.580
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 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
92	59	0	0	0	20	SW	1612					3	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 0507 SUNSET 1820

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: 10331 / 21321

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 19 1989

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	E250 OVC	20			115	69	28	05	06		999	400 1007	EP
SA	0151	E250 OVC	20			111	69	27	04	07		997		EP
SA	0250	250-OVC	20			106	66	26	11	04		996		EP
SA	0352	150 SCT 250-OVC	20			108	64	26	06	03		996	607 1077 64 RADAT 20138	[illegible]
SA	0459	250-OVC	20			117	63	25	11	07		999	FEW AC	[illegible]
SA	0550	250-OVC	20			124	62	25	05	04		000	FEW AC	[illegible]
SA	0650	250-OVC	20			123	73	27	00	00		001	114 1001	[illegible]
SA	0750	250-OVC	20			121	78	26	13	05		001		[illegible]
SA	0850	250-OVC	20			122	83	31	22	06		001		[illegible]
SA	0950	250-OVC	20			122	84	33	18	06		001	400 1001 61	[illegible]
SA	1052	250-BKN	20			116	88	35	19	04		000		[illegible]
SA	1151	250-OVC	20			110	89	37	20	13		997		[illegible]
SA	1253	250-BKN	20			103	89	38	22	13		995	817 1001	[illegible]
SA	1352	E250 OVC	20			095	90	37	23	16	G22	993		[illegible]
SA	1451	180 SCT E250 OVC	20			088	90	38	22	14	G22	991	ACSL ALQDS	[illegible]
SA	1550	180 SCT E250 OVC	20			090	88	35	20	12	G21	991	ACSL ALQDS/614 1047 91	[illegible]
													RADAT 23133	
SA	1653	180 SCT E240 OVC	20			091	87	34	20	13		991		[illegible]
SA	1750	180 SCT E240 OVC	20			093	84	31	20	14		991		[illegible]
SA	1853	180 SCT E240 BKN	20			088	83	30	20	13		991	400 1031	[illegible]
SA	1950	180 SCT E240 OVC	20			091	82	29	18	06		992		[illegible]
SA	2054	180 SCT E240 BKN	20			090	79	27	15	08		992		[illegible]
SA	2150	180 SCT E240 OVC	20			090	77	25	14	07		992	103 1077 91	[illegible]
SA	2250	180 SCT E240 OVC	20			088	75	25	12	07		992		[illegible]
SA	2350	180 SCT E240 OVC	20			087	75	27	25	05		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: [illegible] $i_R i_x hVV$ [illegible] $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRR_{tR}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 19 1999

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	26.580			22	10	10	CS	E250												7	4	.000			00-01
01 51	26.570			21	10															6					01-02
02 50	26.560			22	10															3					02-03
03 52	26.560			24	10	1	Ac	150	10	CS	250	10								3	6	.020			03-04
04 59	26.580			23	10															3					04-05
05 50	26.590			24	10															3					05-06
06 50	26.600			18	10	10	Ci	250												2	1	.040			06-07
07 50	26.600			15	10															2					07-08
08 50	26.600			15	10															2					08-09
09 50	26.600			16	10	10	Ci	250												3	4	.000			09-10
10 52	26.590			15	8															2					10-11
11 51	26.570			16	10															2					11-12
12 53	26.550			17	8	8	Ci	250												2	8	.050			12-13
13 52	26.530			16	10															7					13-14
14 51	26.510			16	10															8					14-15
15 50	26.510			15	10	2	AcSL	180	10	Cs	E250	10								9	6	.040			15-16
16 53	26.510			15	10															10					16-17
17 50	26.510			15	10															9					17-18
18 53	26.510			15	6	1	Ac	180	5	Ci	E240	6								5	4	.000			18-19
19 50	26.520			15	10															9					19-20
20 54	26.520			15	8															7					20-21
21 50	26.520			15	10	1	Ac	180	10	Cs	E240	10								9	1	.010			21-22
22 50	26.520			16	10															10					22-23
23 50	26.525			17	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 0348	X	0	0	X	75	64	X	X						X		
	0348	1	0	0	0	75	64		0								
	0946	2	0	0	0	84	61		0								
	1548	3	0	0	0	91	84		0								
	2148	4	0	0	0	88	76		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.600	26.510	26.520
BAROGRAPH 64	26.560	26.600	26.510	26.520
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 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
91	61	0	0	0	25	SW	1513					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: 10358 11559 P1

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 20 1989

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	180SCT E250 BKN	20			090	72	27	03	04		992	400 1031	Dca
SA	0150	180SCT E250 BKN	20			083	70	27	03	07		990		Dca
SA	0250	250-SCT	20			086	70	26	33	04		991		Dca
SA	0355	250-SCT	20			084	68	25	34	04		990	707 1001 67 RADAT 20139	[illegible]
SA	0450	150SCT 250SCT	20			092	66	25	04	04		992		[illegible]
SA	0558	150SCT E250BKN	20			100	70	25	04	06		994		[illegible]
SA	0658	150SCT 250 SCT	20			102	75	25	18	06		995	117 1032	[illegible]
SA	0758	150SCT E250BKN	20			099	81	29	19	15		995		[illegible]
SA	0850	150SCT E250BKN	20			101	80	30	23	12		995		[illegible]
SA	0953	120SCT E250BKN	20			100	84	34	19	15		995	400 1032 66	[illegible]
SA	1050	120SCT E220BKN	20			101	85	34	21	15		995		[illegible]
SA	1155	E220BKN	20			097	86	36	20	15	G23	994		[illegible]
SA	1250	E220BKN	20			090	88	36	20	18	G23	992	810 1002	[illegible]
SA	1350	E220BKN	20			087	87	36	22	15	G21	991		[illegible]
SA	1450	E220BKN	20			077	86	34	19	15	G20	987		[illegible]
SA	1550	E220BKN	20			077	86	35	19	15	G23	987	614 1001 88 RADAT 27133	Dca
SA	1652	E220BKN	20			074	86	34	20	13	G22	986		Dca
SA	1751	150SCT E220BKN	20			070	83	32	21	15		985		Dca
SA	1852	150SCT 220SCT	20			069	81	30	19	14		985	607 1031	Dca
SA	1950	150SCT 220SCT	20			072	79	29	22	11		986		Dca
SA	2051	150SCT 220SCT	20			080	75	27	18	05		988		Dca
SA	2150	150SCT E220BKN	20			079	75	21	16	09		988	110 1031 88	Dca
SA	2250	150SCT E220BKN	20			079	74	21	21	05		988		Dca
SA	2351	150SCT E220BKN	20			075	75	23	21	09		987		Dca

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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

NWS, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 20 1989

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			19	6	1	Ac	180	5	Ci	E250	6								4	4	.000			00-01
01 50	26.500			20	9															7					01-02
02 50	26.510			19	4															2					02-03
03 55	26.500			20	4	4	ci	250												2	7	.020			03-04
04 50	26.520			21	5															3					04-05
05 58	26.540			18	7															5					05-06
06 58	26.550			16	5	2	AC	150	3	ci	250	5								5	1	.050			06-07
07 58	26.550			15	7															6					07-08
08 50	26.550			16	8															7					08-09
09 53	26.550			17	8	3	Ac	120	5	ci	E250	8								7	4	.000			09-10
10 50	26.550			16	8															7					10-11
11 55	26.540			17	8															8					11-12
12 50	26.520			16	8	8	ci	E220												7	8	.030			12-13
13 50	26.510			16	8															7					13-14
14 50	26.480			16	8															7					14-15
15 50	26.480			16	8	8	Ci	E220												7	6	.040			15-16
16 52	26.470			16	8															7					16-17
17 51	26.460			16	8															6					17-18
18 52	26.460			16	4	1	Ac	150	3	Ci	220	4								3	6	.020			18-19
19 50	26.470			16	5															3					19-20
20 51	26.490			17	5															3					20-21
21 50	26.490			13	7	1	Ac	150	6	Ci	E220	7								6	1	.030			21-22
22 50	26.490			14	9															7					22-23
23 57	26.480			14	7															5					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 0354		0	0		75	67										
	0354	1	0	0	0	77	67		0								
	0952	2	0	0	0	84	66		0								
	1549	3	0	0	0	88	84		0								
	2148	4	0	0	0	87	72		0								
	MID.		0	0	0	76	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.550	26.480	26.490
BAROGRAPH 64	26.505	26.550	26.485	26.495
BAR. CORR. 65	-.005	±0	-.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 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
88	66	0	0	0	27	5	1616					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 05:04 SUNSET 18:22

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: /1251P /1554P/

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 21 1989

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. SERVERS INITIALS (15)
SA	0050	150 SCT E220 BKN	20			074	75	21	21	15		987	603 1031	DCa
SA	0151	150 SCT 220 SCT	20			067	74	20	21	12		985		DCa
SA	0250	150 SCT 220 SCT	20			068	74	19	19	15		985		DCa
SA	0350	150 SCT 220 SCT	20			068	73	19	19	15	G21	985	607 1032 72 RADAT 48129	OOB
SA	0453	150 SCT E220 BKN	20			067	74	19	20	16	G23	985		OOB
SA	0553	E150 BKN 220 BKN	20			068	74	20	20	16	G22	985		OOB
SA	0655	E150 BKN 220 OVC	20			068	76	24	18	15	G22	985	400 1066	OOB
SA	0755	E120 BKN 220 BKN	20			072	79	27	21	20	G30	986		OOB
SA	0850	E120 BKN 220 BKN	20			078	76	24	21	17	G26	987		OOB
SA	0950	E120 BKN 220 BKN	20			078	77	24	23	20	G28	987	107 1078 72	OOB
SA	1053	E120 BKN 220 BKN	20			074	79	28	19	24	G32	986		OOB
SA	1155	E120 BKN 220 BKN	20			070	79	28	20	25	G35	985		OOB
SA	1255	120 SCT E 200 BKN	20			068	82	30	21	23	G29	985	~~607~~ PK WND 2140/1858 /607 1078	OOB
SA	1358	120 SCT 200 SCT	20			061	82	31	22	23	G30	983		OOB
SA	1452	120 SCT 200 - BKN	20			054	81	30	19	23	G30	981		OOB
SA	1550	120 SCT 200 SCT	20			047	82	30	22	23	G36	979	* 720 1031 83 RADAT 40129	DCa
													* PK WND 2136/42	
SA	1652	200 - SCT	20			038	81	29	21	23	G32	976	* AC SE-S * PK WIND 2136/12	DCa
SA	1759	200 - SCT	20			040	78	26	21	23	G36	976	PK WND 2136/52 AC SE-S	DCa
SA	1855	200 - SCT	20			037	76	24	22	20	G32	975	PK WIND 2238/16 AC SE-S /	DCa
		~~CLR~~											810 1031	
SA	1950	CLR	20			044	73	24	21	16	G27	977	CI SE	DCa
SA	2050	CLR	20			044	73	22	22	20	G29	977		DCa
SA	2152	CLR	20			046	70	27	23	20	G31	977	107 83	DCa
SA	2250	CLR	20			043	69	23	21	18	G32	976		DCa
SA	2351	CLR	20			040	68	21	23	23	G33	975	PK WND 2239/17	DCa

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

FM12-VII: Iliii $i_R i_X hVV$ Ndaff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R $7w_aw_aW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 21 1989

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	26.480			13	8	3	Ac	150	5	Ci	E220	8								5	6	.010			00-01
01 51	26.460			13	5															4					01-02
02 50	26.460			13	5															5					02-03
03 50	26.460			13	5	3	AC	150	2	ci	220	5								5	6	.020			03-04
04 55	26.460			12	9															8					04-05
05 53	26.460			13	9															8					05-06
06 55	26.460			14	10	6	AC	E150	4	ci	220	10								9	4	.000			06-07
07 55	26.470			15	9															8					07-08
08 50	26.480			14	9															8					08-09
09 50	26.480			14	9	7	AC	E120	2	cs	220	9								8	1	.020			09-10
10 53	26.470			15	9															8					10-11
11 55	26.460			15	9															8					11-12
12 55	26.460			15	8	4	AC	120	4	cs	E200	8								7	6	.020			12-13
13 58	26.440			16	5															4					13-14
14 52	26.420			16	7															3					14-15
15 50	26.400			15	4	1	Ac	120	3	Ci	200	4								3	7	.060			15-16
16 52	26.380			15	2															1					16-17
17 59	26.380			15	2															1					17-18
18 55	26.370			14	2	0	Ac	120	2	Ci	200	2								1	8	.030			18-19
19 50	26.390			16	0															0					19-20
20 50	26.390			15	0															0					20-21
21 52	26.390			20	0															0	1	.020			21-22
22 50	26.380			18	0															0					22-23
23 51	26.370			17	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		0	0		76	72										
	0349	1	0	0	0	76	72		0								
	0949	2	0	0	0	79	73		0								
	1549	3	0	0	0	83	77		0								
	2148	4	0	0	0	82	70		0								
	MID.		0	0	0	70	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.480	26.400	26.390
BAROGRAPH 64	26.461	26.480	26.410	26.395
BAR. CORR. 65	-.005	±0	-.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	0400 SNOW DEPTH (Ins.) 0400 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	68	0	0	0	40	SW	1158					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:03 SUNSET 18:23

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: 1035ZP / 1600P /

*RESET BAROGRAPH

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 22 1989

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	0057	CLR	20			033	66	27	22	24	G33	973	814	Dca
SA	0150	CLR	20			036	66	18	22	24		974		Dca
SA	0250	CLR	20			044	63	26	21	17		976		Dca
SA	0350	CLR	20			049	61	27	33	06		977	214 60 RADAT 20117	008
SA	0450	CLR	20			055	58	32	29	15	G21	979		008
SA	0550	CLR	20			063	59	32	31	13	G19	981		008
SA	0655	CLR	20			070	62	31	29	13		983	317	008
SA	0757	CLR	20			067	65	32	26	16		983		008
SA	0850	CLR	20			070	66	30	22	20	G27	983		008
SA	0950	CLR	20			074	69	24	23	20	G25	984	303 58	008
SA	1050	CLR	20			074	71	25	22	23	G29	984		008
SA	1155	CLR	20			065	74	20	23	20	G28	982		008
SA	1255	CLR	20			052	77	26	24	19	G25	979	817	008
SA	1350	CLR	20			045	78	27	22	20	G28	976		008
SA	1455	CLR	20			035	78	28	20	22	G32	973	PK WND 2139/39	008
SA	1550	CLR	20			032	77	27	20	22	G30	972	620 1001 79 RADAT 20126	Dca
SA	1650	CLR	20			034	75	24	20	20	G29	972	PK WND 2036/15 C1 SW	Dca
SA	1751	250-SCT	20			036	73	22	20	19	G28	972	ACSL SW-NW	Dca
SA	1852	250-SCT	20			036	70	19	21	20	G29	972	400 1001	Dca
SA	1951	CLR	20			039	69	17	20	21	G32	973		Dca
SA	2052	250-SCT	20			045	68	17	18	20	G31	975		Dca
SA	2154	250-SCT	20			044	68	15	20	23	G32	975	110 1001 79	Dca
SA	2252	E250 BKN	20			041	67	13	20	25	G35	974	PK WND 2036/27	Dca
SA	2350	E250 BKN	20			045	66	12	20	20	G30	975	PK WND 2038/03	Dca

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

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

NATIONAL WEATHER SERVICE

FORM, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 22 1989

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 57	26.350			23	0															0	8	.040			00-01
01 50	26.360			16	0															0					01-02
02 50	26.380			24	0															0					02-03
03 50	26.390			27	0															0	2	.040			03-04
04 50	26.400			37	0															0					04-05
05 50	26.420			36	0															0					05-06
06 55	26.440			31	0															0	3	.050			06-07
07 57	26.435			29	0															0					07-08
08 50	26.440			26	0															0					08-09
09 50	26.450			18	0															0	3	.010			09-10
10 50	26.450			18	0															0					10-11
11 55	26.430			13	0															0					11-12
12 55	26.400			15	0															0	8	.050			12-13
13 50	26.380			15	0															0					13-14
14 55	26.350			16	0															0					14-15
15 50	26.340			16	0	0	Ci	250												0	6	.060			15-16
16 50	26.340			15	0															0					16-17
17 51	26.340			16	1															0					17-18
18 52	26.340			14	1	1	Ci	250												0	4	.000			18-19
19 51	26.350			14	0															0					19-20
20 52	26.370			14	2															1					20-21
21 54	26.370			13	4	4	Ci	250												2	1	.030			21-22
22 52	26.360			12	7															6					22-23
23 50	26.370			12	9															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 0349	X	0	0	X	68	60	X	X						X		
	0349	1	0	0	0	70	60		0								
	0949	2	0	0	0	70	58		0								
	1548	3	0	0	0	79	69		0								
	2148	4	0	0	0	77	68		0								
	MID.	X	0	0	0	68	66	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	26.390	26.450	26.340	26.370
BAROGRAPH 64	26.390	26.430	26.350	26.370
BAR. CORR. 65	±0	+.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 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
79	58	0	0	0	39	SW	1439					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 05:01 SUNSET 18:24

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: 1065 P / 1602 P /

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 23 1989

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	0055	120 SCT E250 BKN	20			031	65	13	21	24		972	810 1031	DCa
SA	0153	120 SCT E250 BKN	20			028	63	16	20	20	G31	971		DCa
SA	0251	120 SCT E 250 OVC	20			021	62	19	21	23	G33	969		DCa
SA	0355	120 SCT 250 SCT	20			025	60	21	21	24	G31	970	507 1071 60	JP
													RADAT DLAD	
SA	0457	250 SCT	20			027	58	22	21	25	G34	970	FEW AC PK WND	JP
									2137/07				RADAT 20113	
SA	0559	250 - BKN	20			035	59	17	23	17		972		JP
SA	0657	250 - BKN	20			060	57	25	23	25	G34	979	PRES RR / 327 1001	JP
SA	0758	250 - BKN	20			067	59	25	20	12		981		JP
SA	0855	250 - BKN	20			066	62	22	23	13		981		JP
SA	0956	120 SCT 250 - BKN	20			066	64	21	23	16		981	107 1071 56	JP
SA	1057	250 - BKN	20			061	66	20	22	21	G33	980		JP
SA	1155	250 - BKN	20			054	67	20	21	22	G33	977		JP
SA	1256	250 - BKN	20			049	69	21	22	23	G34	976	PK WND 2137/22/	JP
													714 1001	
SA	1357	E250 BKN	20			039	69	20	21	26	G33	973	PK WND 2137/43	JP
SA	1457	E250 OVC	20			036	69	18	21	24	G32	972		JP
SA	1556	E250 OVC	20			030	67	17	20	24	G32	970	PK WND 2140/25/720	EP
													1007 70 RADAT 20104	
SA	1653	E200 OVC	20			032	66	13	21	24	G34	970	PK WND 2136/31	EP
SA	1750	E 180 OVC	20			033	64	10	22	14	G22	970		EP
SA	1852	E 180 OVC	20			034	62	10	20	16	G27	970	400 1010	EP
SA	1952	170 SCT E220 OVC	20			041	61	24	20	14	G23	972		EP
SA	2053	170 SCT E220-OVC	20			045	60	26	19	16	G29	973		EP
SA	2155	170 SCT 220-OVC	20			041	58	25	21	15		972	007 1018 70	EP
SA	2250	170 SCT E220 OVC	20			040	57	28	18	17		972		EP
SA	2352	170 SCT E220 OVC	20			036	57	26	19	16		971		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_cP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE APR 23 1989

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	26.340			13	8	2	Ac	120	6	Ci	E250	8								7	8	.030			00-01
01 53	26.330			16	7															5					01-02
02 51	26.310			19	10															9					02-03
03 55	26.320			22	2	1	Ac	120	1	Ci	250	2								2	5	020			03-04
04 57	26.320			25	1															1					04-05
05 59	26.340			19	6															2					05-06
06 57	26.400			29	6	6	Ci	250												1	3	080			06-07
07 58	26.430			27	6															1					07-08
08 55	26.420			21	6															1					08-09
09 56	26.420			19	6	1	Ac	120	5	Ci	250	6								2	1	020			09-10
10 57	26.410			17	7															1					10-11
11 55	26.390			17	8															1					11-12
12 56	26.380			16	8	8	Ci	250												2	7	040			12-13
13 57	26.350			15	9															6					13-14
14 51	26.340			14	10															7					14-15
15 56	26.320			14	10	10	Cs	E250												9	7	.060			15-16
16 53	26.320			13	10															10					16-17
17 50	26.320			12	10															10					17-18
18 52	26.320			13	10	10	As	E180												9	4	.000			18-19
19 52	26.340			24	10															8					19-20
20 53	26.350			27	10															4					20-21
21 55	26.340			28	10	2	As	170	8	Cs	220	10								4	0	.020			21-22
22 50	26.340			33	10															8					22-23
23 52	26330			30	10															9					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		0	0		67	60										
	0353	1	0	0	0	68	60		0								
	0954	2	0	0	0	64	56		0								
	1551	3	0	0	0	70	64		0								
	2151	4	0	0	0	68	58		0								
	MID.		0	0	0	58	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0956	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.420	26.320	26.340
BAROGRAPH 64	26.325	26.420	26.320	26.325
BAR. CORR. 65	-005	0	0	+.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	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
70	56	0	0	0	40	SW	1525					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 05:00 SUNSET 18:25

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: 1063?P / 1600 /

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 24, 1989

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)	OB. SERVER'S INITIALS (15)
SA	0054	170 SCT E220 OVC	20			022	58	21	16	13		967	814 1017	EP
SA	0150	170 SCT E220 OVC	20			020	57	19	19	13		966		EP
SA	0250	170 SCT 220 SCT	20			021	55	19	19	19 G25		966		EP
SA	0354	140 SCT 200 SCT	20			022	53	15	10	13		966	603 1078 53	JP
													RADAT 20081	
SA	0451	140 SCT 200 SCT	20			031	51	25	23	06		969		JP
SA	0558	140 SCT 200 SCT	20			033	51	20	19	18 G33		969		JP
SA	0657	140 SCT 200 SCT	20			038	52	12	20	22 G35		970	210 1078	JP
SA	0755	140 SCT 200 SCT	20			041	54	15	20	25 G33		971	ACSL W PK WND 2036/33	JP
SA	0857	140 SCT 200 SCT	20			040	56	11	20	28 G38		971	ACSL W PK WND 2038/56	JP
SA	0954	CLR	20			054	56	18	19	34 G43		974	FEW CU ACSL E AND W	
							PK WND		22	24 G46	/14		314 1140 50	JP
SA	1056	CLR	20			061	56	18	19	30 G40		976	FEW CU PK WND 1943/27	JP
SA	1157	70 SCT	20			064	58	15	19	27 G41		977	PK WND 1941/50	JP
SA	1254	70 SCT 250-SCT	20			058	59	17	22	29 G42		976	PK WND 2246/40/007 1101	JP
SA	1354	70 SCT 250-SCT	20			060	57	16	22	29 G41		976	PK WND 2244/17	JP
SA	1450	70 SCT 250 SCT	20			060	58	18	19	23 G35		976	PK WND 2241/2155	JP
SA	1555	CLR	20			065	58	8	21	22 G37		977	PK WND 2137/53 303	EP
													1101 59 RADAT 30078	
SA	1650	CLR	20			075	57	4	21	22 G28		980		EP
SA	1751	CLR	20			080	55	7	22	20 G30		981		EP
SA	1853	CLR	20			084	53	13	22	12 G20		982	314 1401	EP
SA	1951	CLR	20			091	51	17	23	13		984		EP
SA	2050	CLR	20			095	50	19	20	14		985		EP
SA	2153	CLR	20			096	49	19	23	11		985	110 1008 59	EP
SA	2250	CLR	20			096	48	19	20	14		985		EP
SA	2351	CLR	20			095	48	20	20	18		985		EP

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

FM12-VII Ii$_r$i$_x$hVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_0$P$_0$P$_0$P$_0$ 4PPPP 5appp 6RRR$_{tR}$ 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

[illegible], DESERT ROCK NEVADA

DATE APR 24, 1989

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	26.300			24	10	1	As	170	10	CS	E220	10								10	8	-.040			00-01
01 50	26.290			23	10															10					01-02
02 50	26.290			24	5															4					02-03
03 54	26.290			22	4	1	Ac	140	3	CS	200	4								4	6	010			03-04
04 51	26.310			36	4															4					04-05
05 58	26.310			29	5															4					05-06
06 57	26.320			20	3	1	Ac	140	2	CS	200	3								3	2	030			06-07
07 55	26.330			21	3															3					07-08
08 57	26.330			16	2															2					08-09
09 54	26.360			22	0	0	Cu	70	0	ACSL	140	0								0	3	040			09-10
10 56	26.380			22	0															0					10-11
11 57	26.390			18	1															1					11-12
12 54	26.380			19	3	1	Cu	70	2	Ci	250	3								1	0	020			12-13
13 54	26.380			20	3															1					13-14
14 50	26.380			21	2															2					14-15
15 55	26.390			13	0	0	Cu	70	0	Ci	250	0								0	3	.010			15-16
16 50	26.410			12	0															0					16-17
17 51	26.420			14	0															0					17-18
18 53	26.430			20	0	0	Sc	70	0	Ci	250	0								0	3	.040			18-19
19 51	26.450			26	0															0					19-20
20 50	26.460			29	0															0					20-21
21 53	26.460			30	0	0	Cs	200												0	1	.030			21-22
22 50	26.460			31	0															0					22-23
23 51	26.460			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 0352		0	0		58	53										
	0352	1	0	0	0	58	53		0								
	0952	2	0	0	0	56	50		0								
	1551	3	0	0	0	59	56		0								
	2151	4	0	0	0	58	49		0								
	MID.		0	0	0	49	47										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.290	26.360	26.390	26.460
BAROGRAPH 64	26.300	26.360	26.395	26.460
BAR. CORR. 65	-.010	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 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
59	47	0	0	0	46	SW	1240*					2	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 0459 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: 1053GP / 1957 /

* LAST OF SEVERAL OCCURANCES

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 25, 1989

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	0052	CLR	20			091	47	21	20	20G27		984	803 1008	EP
SA	0151	CLR	20			096	47	21	20	18		985		EP
SA	0251	CLR	20			100	46	22	21	17		986		EP
SA	0355	CLR	20			104	46	21	22	13		987	210 45 RADAT 45064	JP
SA	0454	CLR	20			113	45	20	24	06		990		JP
SA	0555	CLR	20			124	47	20	20	08		993		JP
SA	0657	CLR	20			128	49	22	22	12		994	120	JP
SA	0756	CLR	20			126	52	21	23	14		994		JP
SA	0857	CLR	20			130	54	17	23	14		995		JP
SA	0954	CLR	20			130	56	18	24	16		995	103 44	JP
SA	1057	CLR	20			125	58	18	25	15		994	FEW CU 5	JP
SA	1155	CLR	20			117	60	19	24	10		992	FEW CU	JP
SA	1257	CLR	20			109	61	12	23	11		990	FEW CU / 817 1100	JP
SA	1355	90 SCT	20			101	62	11	21	17		987		JP
SA	1450	90 SCT 250 - SCT	20			094	62	11	20	16		985		JP
SA	1555	90 SCT E250 BKN	20			085	63	14	23	13		983	VIRGA N/720 1208 64	EP
													RADAT 28083	
SA	1651	100 SCT E250 OVC	20			088	61	9	22	14		983	MDT CU ALQDS	EP
SA	1750	100 SCT E250 OVC	20			084	59	10	23	11		982	TCU W	EP
SA	1851	100 SCT E250 OVC	20			084	57	12	24	05		982	603 1107	EP
SA	1952	100 SCT 250 - BKN	20			087	55	13	25	08		983		EP
SA	2053	100 SCT 250 - BKN	20			090	54	19	30	07		984		EP
SA	2154	100 SCT 250 - OVC	20			089	53	22	30	08		984	107 1407 64	EP
SA	2255	60 SCT E130 BKN 200 OVC	20			093	52	22	21	06		985		EP
SA	2353	~~E60 T~~ M60 BKN 130 OVC	20			092	52	23	22	10		985		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 $1s_nTTT$ $2s_nT_DT_DT_D$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NUMO, DESERT ROCK NEVADA

DATE APR 25, 1989

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	26.450			35	0	0	Cs	200												0	8	.010			00-01
01 51	26.460			35	0															0					01-02
02 51	26.470			38	0															0					02-03
03 55	26.480			37	0															0	2	030			03-04
04 54	26.500			37	0															0					04-05
05 55	26.530			34	0															0					05-06
06 57	26.540			34	0															0	1	060			06-07
07 56	26.540			29	0															0					07-08
08 57	26.550			23	0															0					08-09
09 54	26.550			22	0															0	1	010			09-10
10 57	26.540			21	0															0					10-11
11 55	26.520			20	0															0					11-12
12 57	26.500			14	0	0	CU	70												0	8	050			12-13
13 55	26.480			13	1															1					13-14
14 50	26.460			13	2															1					14-15
15 55	26.440			15	9	5	CU	90	4	CS	E250	9								7	7	.060			15-16
16 51	26.440			13	10															7					16-17
17 50	26.430			14	10															6					17-18
18 51	26.430			17	10	2	CU	100	10	CS	E250	10								7	6	.010			18-19
19 52	26.440			19	7															2					19-20
20 53	26.450			25	9															4					20-21
21 54	26.450			30	10	1	SC	100	10	CS	250	10								4	1	.020			21-22
22 55	26.460			31	10															8					22-23
23 53	26.460			32	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 0353	X	0	0	X	48	45	X	X						X		
	0353	1	0	0	0	49	45		0								
	0952	2	0	0	0	56	44		0								
	1550	3	0	0	0	64	55		0								
	2151	4	0	0	0	63	52		0								
	MID.	X	0	0	0	53	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0954	1551	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.550	26.440	26.450
BAROGRAPH 64	26.480	26.550	26.455	26.460
BAR. CORR. 65	0	0	-.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 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
64	44	0	0	0	28	SW	0259					2	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 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: 1062?P/2036/

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 1989

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	M45 OVC	20			091	52	23	23	07		985	103 1511	EP
SA	0150	M45 OVC	20			100	50	27	28	12		987		EP
SA	0250	17SCT E35 OVC	10		RW-	110	45	34	26	08		990	RB15	EP
SA	0354	17SCT M45 OVC	20			112	46	32	10	07		991	RE04 17701 1511 45	JP
										20001			RADAT 62065	
SA	0455	17SCT M45 OVC	20			113	47	34	09	07		991		JP
SA	0556	17SCT 45SCT E70BKN	20			118	47	33	15	09		992	RWU SE	JP
		100BKN 200 OVC												
SA	0653	70 SCT 100 SCT 200-BKN	20			125	50	32	09	05		994	310 1578	JP
SA	0757	200-BKN	20			137	51	30	23	10		997	FEW AC	JP
SA	0858	200-SCT	20			140	53	28	24	13		999	FEW CU AC	JP
SA	0955	90 SCT 200-SCT	20			143	56	27	23	14		000	TCU N/ 117 1208 45	JP
SA	1056	90 SCT 200-SCT	20			142	58	26	23	11		000	TCU N	JP
SA	1157	90 SCT 200 SCT	20			134	60	24	20	14	621	997	CB N AND E	JP
SA	1250	E90BKN 200 BKN	20			134	60	23	22	16	627	997	CB N AND E RWU N/	JP
													607 1308	
SA	1357	E90 BKN 200 BKN	20			134	61	21	20	10		997	CB RWU N	JP
SA	1450	M65BKN 200 BKN	20			131	59	25	06	13		995	VIRGA ~~NW~~ NE AND NW	JP
SA	1551	E65BKN 200BKN	20			134	60	21	26	14	620	996	CB AND VIRGA ALQDS	
													503 1308 64 RADAT 47084	HS
SA	1651	65SCT 200SCT	20			124	62	17	23	10		994	CB AND VIRGA N AND SE	HS
SA	1751	70SCT	20			129	61	14	23	05		995	CB AND VIRGA NW-N AND SE	HS
SA	1851	70 SCT	20			129	58	12	01	09		995	CB DSIPTD 503 1400	HS
SA	1950	70 SCT	20			136	55	20	14	07		997		HS
SA	2050	70 SCT	20			146	51	16	33	04		000		HS
SA	2155	70SCT	20			143	53	20	20	03		000	114 1500 64	HS
SA	2253	E90 BKN	20			145	56	20	27	08		001	RB25E35	HS
SA	2350	90SCT	20			145	54	20	00	00		001		HS

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

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WMO, DESERT ROCK NEVADA

DATE APR 26, 1989

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	26.460			32	10	10	Sc	M45												10	1	.010			00-01
01 50	26.480			41	10															10					01-02
02 50	26.500			65	10															10					02-03
03 54	26.510			58	10	2	~~S~~FRA	17	8	Sc	M45	10								10	1	050			03-04
04 55	26.510			60	10															10					04-05
05 56	26.520			58	10															9					05-06
06 53	26.540			50	9	1	Sc	70	2	Ac	100	3	6	CS	200	9				3	3	030			06-07
07 57	26.570			44	6															1					07-08
08 58	26.580			38	5															1					08-09
09 55	26.590			33	2	1	TCU	90	1	CS	200	2								1	1	050			09-10
10 56	26.590			29	2															1					10-11
11 57	26.570			25	2															2					11-12
12 50	26.570			24	9	8	CB	E90	1	CS	200	9								8	6	020			12-13
13 57	26.570			21	9															8					13-14
14 50	26.550			27	9															9					14-15
15 51	26.560			20	9	7	CB	E65	2	CS	200	9								8	5	.010			15-16
16 51	26.540			18	5															5					16-17
17 51	26.550			16	4															4					17-18
18 51	26.550			16	3	3	Sc	70												3	5	.010			18-19
19 50	26.570			26	3															3					19-20
20 50	26.590			24	5															5					20-21
21 55	26.590			27	3	3	Sc	70												3	1	.040			21-22
22 53	26.600			25	7															7					22-23
23 50	26.600			26	5															5					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	.01	0	X	53	45	X	X						X		
	0352	1	.01	0	0	53	45		1								
	0953	2	0	0	0	56	46		0								
	1549	3	0	0	0	64	56		0								
	2153	4	0	0	0	63	51		0								
	MID.	X	T	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1550	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.590	26.560	26.590
BAROGRAPH 64	26.575	26.590	26.570	26.605
BAR. CORR. 65	-.005	0	-.010	-.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	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
64	45	.01	0	0	27	SW	1241					6	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0285	0304			
RW-	2225	2235			

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: 1061901 1945 1

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 27, 1989

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. SERVERS INITIALS (15)
SA	0050	90 SCT E 250 BKN	20			153	53	19	00	00		003	307 1508	HS
SA	0151	90 SCT E 250 BKN	20			151	50	22	09	05		003		HS
SA	0250	250 SCT	20			155	49	21	05	09		003		HS
SA	0350	250 SCT	20			158	50	25	04	09		004	30300 1001 48 ~~30001~~	DCa
													RADAT 50081	
SA	0453	250 SCT	20			161	47	25	02	10		005	Sc W-E	DCa
SA	0551	250 SCT	20			167	50	30	35	03		007	SC W-N	DCa
SA	0650	250 SCT	20			172	53	30	04	12		008	SC W-E/214 1501	DCa
SA	0752	250-SCT	20			172	57	30	06	07		008	Sc ALQDS	DCa
SA	0853	250-SCT	20			170	58	28	06	05		007	TCu NW Cu ALQDS	DCa
SA	0955	60 SCT 250 SCT	20			169	62	27	27	07		007	CB AND RWU NW AND	DCa
													SE ~~[illegible]~~ /603 130146	
SA	1050	60 SCT 250 SCT	20			160	62	25	07	06		006	CB NW-SE RWUNW-SE	DCa
SA	1150	60 SCT 250 SCT	20			149	66	24	21	13		003	CB W-SE RWU W-SE	DCa
SA	1253	E60 BKN 250 BKN	20			151	60	30	03	18 G29		003	CB OVHD RWU ALQDS/	DCa
		40											614 1903	
SA	1352	M~~4~~0 BKN 250 OVC	20		RW-	156	58	30	04	17		003	RB47 CB OVHD	DCa
SA	1452	E 60 BKN 250 BKN	20			150	61	27	31	07		002	*CB SE RWU SE*RE01	DCa
SA	1553	60 SCT 250 SCT	20			141	63	23	17	07		000	CB SE DSIPTG VIRGA ALQDS	
													81000 1302 67	HS
SA	1650	60 SCT	20			139	63	22	08	06		999	CB SE DSIPTD VIRGA W-N	
													RADAT 48088	HS
SA	1750	60 SCT	20			138	62	19	06	05		999	VIRGA NW	HS
SA	1857	60 SCT	20			141	58	18	02	08		000	VIRGA NW 500 1400	HS
SA	1950	CLR	20			145	54	19	03	08		001	FEW SC	HS
SA	2050	CLR	20			149	55	24	05	11		002		HS
SA	2151	CLR	20			150	52	23	33	05		003	208 67	HS
SA	2250	CLR	20			149	51	24	00	00		002		HS
SA	2350	CLR	20			149	53	24	03	12		003		HS

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

FM12-VII [illegible]

(4-86)

NOAA
NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE APR 27, 1989

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	26.620			27	7	3	Sc	90	4	Cs	E250	7								5	3	.030			00-01
01 51	26.615			32	8															5					01-02
02 50	26.620			32	2															2					02-03
03 50	26.630			37	2	2	Ci	250												2	3	.010			03-04
04 53	26.640			42	1															1					04-05
05 51	26.660			46	1															1					05-06
06 50	26.670			41	1	0	Sc	60	1	Ci	250	1								1	2	.040			06-07
07 52	26.670			36	2															1					07-08
08 53	26.660			32	4															2					08-09
09 55	26.660			26	2	1	CB	60	1	Ci	250	2								2	6	.010			09-10
10 50	26.645			24	4															3					10-11
11 50	26.620			20	5															4					11-12
12 53	26.620			32	9	8	CB	E60	1	Ci	250	9								8	6	.040			12-13
13 52	26.620			34	10															9					13-14
14 52	26.610			27	7															6					14-15
15 53	26.590			21	4	3	CB	60	1	Ci	250	4								4	8	.030			15-16
16 50	26.580			20	3															3					16-17
17 50	26.580			19	2															2					17-18
18 57	26.590			21	1	1	Sc	60												1	5	.000			18-19
19 50	26.600			25	0															0					19-20
20 50	26.610			30	0															0					20-21
21 51	26.615			32	0															0	2	.025			21-22
22 50	26.610			34	0															0					22-23
23 50	26.620			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	54	48	X	X						X		
	0348	1	T	0	0	57	48		0								
	0948	2	0	0	0	62	46		0								
	1551	3	T	0	0	67	57		0								
	2149	4	0	0	0	64	52		0								
	MID.	X	0	0	0	54	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.660	26.590	26.615
BAROGRAPH 64	26.640	26.665	26.610	26.630
BAR. CORR. 65	-.010	-.005	-.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 TO (Ins.) 69	04AM 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
67	46	T	0	0	30	NE	1302					4	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1347	1401			

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: 1040 2P / 1905 /

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 NEVAD...

DATE: APR 28, 1989

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	0051	CLR	20			146	52	25	04	13		001	805	HS
SA	0151	CLR	20			148	50	24	06	07		001		HS
SA	0250	CLR	20			149	48	23	03	08		002		HS
SA	0351	CLR	20			150	47	23	04	04		002	303 46 RADAT 39085	Dca
SA	0450	CLR	20			151	44	22	00	00		002		Dca
SA	0550	CLR	20			155	46	21	12	03		003		Dca
SA	0650	CLR	20			162	52	22	16	03		005	Sc SE/310 1500	Dca
SA	0750	CLR	20			165	58	24	04	12		006	Sc SE-S	Dca
SA	0850	CLR	20			160	61	23	04	10		005	Sc ALQDS	Dca
SA	0954	CLR	20			160	64	18	17	04		005	Sc ALQDS/400 1500 42	Dca
SA	1050	CLR	20			155	66	18	20	04		004	Cu ALQDS	Dca
SA	1150	CLR	20			140	69	19	27	12		001	Cu ALQDS	Dca
SA	1258	60 SCT	20			137	69	16	30	09		000	717 1100	Dca
SA	1350	60 SCT	20			129	72	15	27	11		997		Dca
SA	1450	60 SCT	20			121	70	16	21	11	G18	995		Dca
SA	1550	60 SCT 250 SCT	20			115	71	15	20	11		993	720 1101 72 RADAT 32098	HS
SA	1650	60-SCT 250-SCT	20			118	70	12	26	11		993		HS
SA	1750	60 SCT 250-SCT	20			118	68	13	19	09		993		HS
SA	1852	60 SCT 250 SCT	20			120	64	12	24	05		994	303 1101	HS
SA	1950	CLR	20			123	59	10	03	07		995	FEW SC	HS
SA	2050	CLR	20			129	63	17	02	12	G19	998		HS
SA	2150	120 SCT 250 SCT	20			130	61	22	02	14	G22	999	114 1032 72	HS
SA	2250	120 SCT 250 SCT	20			137	60	22	04	15		001		HS
SA	2351	120 SCT 250 SCT	20			140	59	22	04	12		002		HS

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 NEVADA

DATE APR 28, 1989

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	26.600			35	0															0	8	.015			00-01
01 51	26.600			36	0															0					01-02
02 50	26.605			37	0															0					02-03
03 51	26.610			39	0															0	3	.010			03-04
04 50	26.610			41	0															0					04-05
05 50	26.620			37	0															0					05-06
06 50	26.640			31	0	0	Sc	60												0	3	.030			06-07
07 50	26.650			27	0															0					07-08
08 50	26.640			23	0															0					08-09
09 54	26.640			16	0	0	Sc	60												0	0	.000			09-10
10 50	26.630			16	0															0					10-11
11 50	26.600			15	0															0					11-12
12 58	26.590			13	1	1	Cu	60												1	7	.050			12-13
13 50	26.570			11	1															1					13-14
14 50	26.545			13	1															1					14-15
15 50	26.530			11	2	2	Cu	60	0	Ci	250	2								2	7	.060			15-16
16 50	26.530			11	1															0					16-17
17 50	26.530			12	2															1					17-18
18 52	26.540			13	2	1	Cu	60	1	Ci	250	2								2	3	.010			18-19
19 50	26.550			14	0															0					19-20
20 50	26.575			16	0															0					20-21
21 50	26.580			22	4	2	Ac	120	2	Ci	250	4								4	1	.040			21-22
22 50	26.600			23	3															3					22-23
23 51	26.610			24	4															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	53	46	X	X						X		
	0348	1	0	0	0	54	46		0								
	0950	2	0	0	0	65	42		0								
	1548	3	0	0	0	72	64		0								
	2148	4	0	0	0	71	59		0								
	MID.	X	0	0	0	61	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.530	26.580
BAROGRAPH 64	26.630	26.658	26.550	26.595
BAR. CORR. 65	-.020	-.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 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
72	42	0	0	0	28	NW	1302					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 0454 SUNSET 1829

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: 1000 / 1855 /

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, 1989

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	0051	250-SCT	20			140	57	22	04	12		002	110 1001	HS
SA	0150	250-SCT	20			144	56	22	05	10		003		HS
SA	0251	250-SCT	20			150	54	22	04	13		004		HS
SA	0350	250-SCT	20			151	52	22	05	10		004	107 1001 52 RADAT 38094	Dca
SA	0458	250-SCT	20			148	51	23	05	10		003		Dca
SA	0550	CLR	20			154	54	24	04	10		005	FEW Ci	Dca
SA	0650	250-SCT	20			164	57	24	04	15		007	310 1001	Dca
SA	0750	250-SCT	20			160	60	24	04	12		006		Dca
SA	0850	250-SCT	20			152	65	24	12	08		005	607	Dca
SA	0952	250-SCT	20			152	67	23	16	07		005	~~000~~ 1001 50	Dca
SA	1055	250-SCT	20			147	69	21	16	03		004	Cu ALQDS	Dca
SA	1150	250-SCT	20			140	72	21	00	00		002	Cu ALQDS	Dca
SA	1254	250-SCT	20			131	73	19	23	13		000	Cu ALQDS/817 1101	Dca
SA	1350	60SCT 250-BKN	20			127	74	20	20	08		999		Dca
SA	1449	50 E 250 OVC	20			120	74	18	25	08		996	Cu NW-E	Dca
SA	1551	250-BKN	20			114	74	16	25	07		994	CU NE AND SE 717 1102	
													75 RADAT 34104	HS
SA	1650	250-OVC	20			115	73	14	25	10		994	FEW CU	HS
SA	1751	250-OVC	20			115	71	17	25	08		994	FEW CU	HS
SA	1851	E250 OVC	20			120	68	18	31	05		995	303 1007	HS
SA	1950	E250 OVC	20			122	66	18	02	04		996		HS
SA	2050	250-SCT	20			125	63	18	10	05		997		HS
SA	2151	250-SCT	20			124	62	16	11	07		997	107 1008 75	HS
SA	2252	250-SCT	20			127	62	16	20	03		999		HS
SA	2350	CLR	20			128	58	16	34	04		999	CS SE	HS

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

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 29, 1989

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	26.610			26	4	4	Ci	250												2	1	.030			00-01
01 50	26.620			26	5															2					01-02
02 51	26.630			28	5															2					02-03
03 50	26.630			31	3	3	Ci	250												1	1	.020			03-04
04 58	26.620			33	1															0					04-05
05 50	26.640			31	0															0					05-06
06 50	26.660			28	2	2	Ci	250												0	3	.030			06-07
07 50	26.650			25	2															1					07-08
08 50	26.640			21	1															0					08-09
09 52	26.640			19	1	1	Ci	250												0	6	.020			09-10
10 55	26.630			16	1															0					10-11
11 50	26.610			15	1															0					11-12
12 54	26.590			13	4	0	Cu	60	4	Ci	250	4								2	8	.050			12-13
13 50	26.580			13	6															3					13-14
14 50	26.560			12	10															8					14-15
15 51	26.540			11	9	0	Cu	60	9	Ci	250	9								4	7	.050			15-16
16 50	26.540			10	10															4					16-17
17 51	26.540			13	10															4					17-18
18 51	26.550			15	10	10	Cs	E250												7	3	.010			18-19
19 50	26.560			16	10															8					19-20
20 50	26.570			17	2															1					20-21
21 51	26.570			17	3	3	Cs	250												1	1	.020			21-22
22 52	26.580			17	3															1					22-23
23 50	26.580			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 0348	X	0	0	X	59	52	X	X						X		
	0348	1	0	0	0	61	52		0								
	0948	2	0	0	0	67	50		0								
	1549	3	0	0	0	75	67		0								
	2149	4	0	0	0	74	62		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.640	26.540	26.570
BAROGRAPH 64	26.640	26.640	26.540	26.565
BAR. CORR. 65	-.010	0 *	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	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
75	50	0	0	0	18	NE	0655					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 0453 SUNSET 1830

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: 1040 P 1185 S

* RESET MIKRO BAROGRAPH

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 30, 1989

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			127	58	15	26	05		999	103 1008	HS
SA	0150	CLR	20			130	52	14	11	04		999		HS
SA	0250	CLR	20			121	55	16	12	05		996	CS SE	HS
SA	0354	150 -SCT	20			125	52	15	32	03		997	503 1010 52 RADAT 48105	RD
SA	0451	150 -BKN	20			130	52	16	00	00		999		RD
SA	0555	150 SCT E250 OVC	20			134	52	17	06	04		000		RD
SA	0652	E250 OVC	20			136	60	17	30	03		001	210 1017	RD
SA	0754	E250 OVC	20			140	65	18	00	00		003	AC SE	RD
SA	0856	E250 OVC	20			138	72	21	31	04		003	AC SE	RD
SA	0959	E250 BKN	20			136	74	27	24	09		002	003 1038 52	RD
SA	1052	E250 BKN	20			132	76	28	22	20		001	CU SE AC SW	RD
SA	1153	E250 BKN	20			129	77	30	20	09	G22	000	CU SE AC SW	RD
SA	1255	E250 BKN	20			126	77	30	24	12	G22	000	708 1508	RD
SA	1354	E250 OVC	20			129	76	32	21	12		999	SC E	RD
SA	1453	160 SCT E250 OVC	20			122	76	32	21	11	G21	997		RD
SA	1558	E180 OVC	20			125	76	31	23	11		997	605 102/ 7B	DC
													RADAT 49113	
SA	1656	E180 OVC	20			125	75	30	21	08		997		DC
SA	1755	E200 OVC	20			126	74	30	20	09		997		DC
SA	1858	E200 OVC	20			128	69	28	09	05		999	303 1007	DC
SA	1956	200 - OVC	20			131	67	28	10	06		000		DC
SA	2056	200 - OVC	20			131	66	28	11	06		001		DC
SA	2158	200 - SCT	20			131	63	28	00	00		001	107 1008 7B	DC
SA	2257	CLR	20			135	62	28	32	03		002		DC
SA	2357	CLR	20			139	58	27	00	00		003		DC

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

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: APR 30, 1989

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	26.580			18	0	0	CS	250												0	1	.010			00-01
01 50	26.580			21	0															0					01-02
02 50	26.560			22	0															0					02-03
03 54	26.570			24	5	5	As	150												2	5	.010			03-04
04 51	26.580			24	7															3					04-05
05 55	26.590			25	10															10					05-06
06 52	26.600			18	10	0	As	150	10	Cs	E250	10								8	2	.030			06-07
07 54	26.615			16	10															8					07-08
08 56	26.615			15	10															8					08-09
09 59	26.610			18	9	0	Ac	140	9	Cs	E250	9								7	0	.010			09-10
10 52	26.600			17	9															8					10-11
11 53	26.590			18	9															8					11-12
12 55	26.585			18	9	0	Sc	90	9	Cs	E250	9								9	7	.025			12-13
13 54	26.580			20	10															9					13-14
14 53	26.570			20	10															10					14-15
15 58	26.570			19	10	10	As	E180												10	6	.015			15-16
16 56	26.570			19	10															10					16-17
17 55	26.570			20	10															10					17-18
18 58	26.580			22	10	10	Cs	E200												8	3	.010			18-19
19 56	26.590			23	10															5					19-20
20 56	26.600			24	10															3					20-21
21 58	26.600			27	4	4	Cs	200												1	1	.020			21-22
22 57	26.610			27	0															0					22-23
23 57	26.615			30	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 0396	X	0	0	X	61	52	X	X						X		
	0346	1	0	0	0	63	52		0								
	0952	2	0	0	0	75	52		0								
	1550	3	0	0	0	78	74		0								
	2150	4	0	0	0	76	63		0								
	MID.	X	0	0	0	66	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0958	1554	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.610	26.570	26.600
BAROGRAPH 64	26.570	26.610	26.570	26.600
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 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
78	52	0	0	0	27	SW	0947					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 0452 SUNSET 1831

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: 10623 / 1600 /