WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: Desert Rock, Nevada

MONTH: April

YEAR: 1986

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 4AM	WIND AVERAGE SPEED Knots	PEAK SPEED Knots	DIRECTION	SUNSHINE Ave. Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	74	58	66		0	1	0	0	0	14.2	40	SW	26.40		5		38	32	29	39
2	62	41	52		13	0	0	0	0	12.6	34	NW	26.46		2		31	25	15	33
3	68	40	54		11	0	0	0	0	5.8	16	NE	26.50		0		40	29	22	29
4	71	41	56		9	0	0	0	0	8.1	29	SW	26.44		8		51	28	17	26
5	70	42	56		9	0	0	0	0	6.4	20	E	26.43		9		45	25	19	32
6	59	43	51		14	0	0.34	0	0	6.0	22	SW	26.52		10	RW-	47	44	60	82
7	64	43	54		11	0	0	0	0	6.9	24	SW	26.66		3		76	53	27	60
8	67	46	57		8	0	0	0	0	5.3	18	W	26.67		1		59	44	22	60
9	74	42	58		7	0	0	0	0	4.0	13	S	26.62		0		73	31	24	53
10	74	49	63		2	0	0	0	0	6.8	20	SW	26.52		10		61	29	17	39
11	78	46	62		3	0	0	0	0	7.0	20	SW	26.46		1		46	23	16	19
12	73	45	59		6	0	0	0	0	15.7	45	SW	26.31		3		39	33	17	15
13	63	42	53		12	0	0	0	0	10.2	23	N	26.62		1		30	22	14	18
14	65	45	55		10	0	0	0	0	8.6	16	N	26.69		6		28	21	15	20
15	75	41	58		7	0	0	0	0	10.5	30	SW	26.49		4		42	18	15	31
16	62	38	50		15	0	T	0	0	10.9	29	NW	26.45		9	RW-	38	38	57	79
17	66	36	51		14	0	0	0	0	6.8	19	N	26.60		3		57	27	15	31
18	66	44	55		10	0	0	0	0	9.7	25	NE	26.73		5		45	25	12	19
19	75	47	61		4	0	0	0	0	8.3	17	NE	26.81		5		24	18	13	24
20	84	51	68		0	3	0	0	0	7.3	20	SE	26.72		4		31	21	15	35
21	90	56	73		0	8	0	0	0	5.7	17	NE	26.56		4		35	18	12	29
22	86	55	71		0	6	0	0	0	8.8	30	SW	26.43		7		39	18	10	14
23	78	52	65		0	0	0	0	0	13.6	38	S	26.39		4		31	25	14	17
24	74	60	67		0	2	0	0	0	14.2	37	S	26.41		6		21	18	15	21
25	73	53	63		2	0	0	0	0	13.1	28	SW	26.39		6		27	27	23	17
26	64	45	55		10	0	0	0	0	10.9	26	N	26.59		1		37	23	15	15
27	76	47	62		3	0	0	0	0	7.1	16	NE	26.64		2		23	13	13	19
28	84	48	66		0	1	0	0	0	9.2	29	SW	26.47		0		30	14	14	14
29	82	58	70		0	5	0	0	0	6.9	19	SW	26.43		3		30	28	20	24
30	83	52	68		0	3	0	0	0	9.0	23	SW	26.53		5		30	15	12	15
31																				
SUM	2182	1406	—	—	180	29	0.34	0.0	—	269.6	—	—	795.94	—	127	—	1204	785	589	929
AVG	72.7	46.9	—	—	—	—	—	—	—	9.0	FASTEST	DIRECTION	POSSIBLE	%		—	40	26	20	31
										MISC. →	45	SW	26.53		4.2	—				

TEMPERATURE DATA

AVERAGE MONTHLY 59.8

DEPARTURE FROM NORMAL 1.3

HIGHEST 90 ON 21

LOWEST 36 ON 17

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 1

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 180

DEPARTURE FROM NORMAL -36

SEASONAL TOTAL 2504

DEPARTURE FROM NORMAL -247

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 29

DEPARTURE FROM NORMAL 3

SEASONAL TOTAL 47

DEPARTURE FROM NORMAL 21

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.34 IN.

DEPARTURE FROM NORMAL 0.19 IN.

GREATEST IN 24 HRS. 0.34 ON 6

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 13

PARTLY CLOUDY (Scale 4–7) 12

CLOUDY (Scale 8–10) 5

WITH 0.01 INCH OR MORE PRECIP. 1

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

F = fog
R = rain
RW = rain shower
S = snow
SW = snow shower
T = thunder-storm

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.87 IN. ON 19

LOWEST Stn. 26.16 IN. ON 12

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

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

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 01 1986

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. SERIES INITIALS (15)
SA	0053	90SCT E2000VC	20			100	64	39	25	03		992	803 1507	EP
SA	0151	90SCT E2000VC	20			095	59	41	32	06		990		EP
SA	0251	90SCT E2000VC	20			093	62	38	00	00		990		EP
SA	0354	70SCT E200 OVC	20			090	61	35	12	05		988	710 1507 59 RADAT 88098	008
SA	0450	70SCT E200 OVC	20			089	64	35	12	08		988		008
SA	0553	70SCT E200 BKN	20			087	62	37	19	07		987		008
SA	0650	70SCT E200 BKN	20			092	62	38	23	07		988	500 1508	008
SA	0749	80SCT E200 BKN	20			091	64	39	22	11		988		008
SA	0850	100SCT E200 BKN	20			095	65	38	23	15	G20	989		008
SA	0954	120SCT E200 BKN	20			084	69	38	23	17	G23	986	807 1052 69	008
SA	1050	120 ~~100~~ SCT E250 BKN	20			081	70	36	23	16	G23	985		008
SA	1155	120SCT 250SCT	20			069	72	36	24	17	G25	982		008
SA	1250	100SCT 250SCT	20			055	73	37	23	19	G27	979	824 1208	008
SA	1353	100SCT 250SCT	20			048	73	38	22	18	G27	975		008
SA	1449	100SCT E250 BKN	20			041	74	39	22	15	G25	974		008
SA	1555	100SCT	20			021	73	39	22	17	G29	968	832 1200 74 RADAT 81103	EP
SA	1653	100SCT	20			006	72	42	22	15	G27	964		EP
SA	1751	CLR	20			002	69	39	23	18	G24	962	MSW CU	EP
SA	1853	CLR	20			998	67	40	22	22	G32	961	622 1100	EP
SA	1954	CLR	20			996	64	38	23	27	G37	954	OCNL DSNT LTG N PRESFR	EP
/												/	PK WND 2337/44	/
SA	2054	CLR	20			980	62	38	23	27	G38	956	OCNL DSNT LTG NE PK	EP
/												/	WND 2340/30	/
SA	2152	CLR	20			984	60	35	23	20	G32	957	514 74	EP
SA	2256	CLR	20			995	59	33	22	18	G28	960		EP
SA	2353	100SCT	20			005	59	31	22	13	G20	963		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 01 1986

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	26.520			40	10	4	SC	90	6	CS	E200	10								10	8	.010			00-01
01 51	26.500			51	10															10					01-02
02 51	26.500			41	10															10					02-03
03 54	26.490			38	10	4	SC	70	6	CS	E200	10								9	7	.030			03-04
04 50	26.490			34	10															9					04-05
05 53	26.480			39	9															8					05-06
06 50	26.440			41	8	4	SC	70	4	CS	E200	8								7	5	.000			06-07
07 44	26.440			40	6															5					07-08
08 50	26.495			37	9															8					08-09
09 54	26.470			32	8	4	AC	120	4	CI	E200	8								7	8	.020			09-10
10 50	26.460			29	6															5					10-11
11 55	26.430			27	4															4					11-12
12 60	26.400			27	4	3	CU	100	1	CS	250	4								4	8	.070			12-13
13 53	26.370			28	4															4					13-14
14 49	26.360			28	6															5					14-15
15 55	26.305			29	2	2	CU	100												2	8	.095			15-16
16 53	26.270			34	1															1					16-17
17 51	26.250			33	0															0					17-18
18 53	26.240			37	0	0	CU	100												0	6	.065			18-19
19 54	26.180			38	0															0					19-20
20 54	26.190			41	0															0					20-21
21 52	26.200			39	0															0	5	.040			21-22
22 56	26.230			37	0															0					22-23
23 53	26.260			35	5															5					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 0353		0	0		64	59										
	0353	1	0	0	0	65	59		0								
	0953	2	0	0	0	70	61		0								
	1551	3	0	0	0	74	68		0								
	2149	4	0	0	0	73	60		0								
	MID.		0	0	0	61	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1552	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.470	26.305	26.200
BAROGRAPH 64	26.490	26.470	26.305	26.195
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	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
74	58	0	0	0	40	SW	2030					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87	88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0538 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 AT: 1001 P @0 Sec./ 2200 @0 Sec./ ± Sec.

1000P - WRONGED BAROGRAM

1050/1050

SP=

RS=

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 02 1986

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. REMARKS INITIALS (15)
SA	0057	E80 BKN	20			041	49	24	01	18	G24	972	347 1200 *HRESRR	EP
SA	0153	80 SCT	20			043	49	11	35	16	G25	972		EP
SA	0251	80 SCT	20			048	48	6	32	20	G26	974		EP
SA	0350	CLR	20			070	44	15	32	18	G30	980	324 44 RADAT 2069	CH
SA	0450	CLR	20			084	42	19	32	18	G25	983		CH
SA	0550	90 SCT	20			089	42	16	33	17		984		CH
SA	0650	90 SCT	20			092	44	16	30	10		985	117 1070	CH
SA	0750	90 SCT	20			100	45	17	20	07		987		CH
SA	0850	90 SCT	20			100	47	16	34	06		987		CH
SA	0950	90 SCT	20			100	52	17	32	07		987	107 1070 41	CH
SA	1050	90 SCT	20			096	54	15	34	08		986		CH
SA	1150	90 SCT	20			089	57	16	33	15		985		CH
SA	1250	90 SCT	20			090	58	15	29	06		984	710 1070	CH
SA	1350	90 SCT	20			086	59	15	32	10		983		CH
SA	1450	80 SCT	20			078	60	14	34	14	G20	981		CH
SA	1553	80 SCT	20			085	59	12	35	13	G20	982	507 1200 62 RADAT 25077	EP
SA	1650	80 SCT	20			095	59	12	36	12		984		EP
SA	1753	CLR	20			099	56	11	01	13		985		EP
SA	1851	CLR	20			111	53	18	03	13		988	320 1008	EP
SA	1957	CLR	20			124	50	19	04	13		992		EP
SA	2052	CLR	20			131	50	20	02	15		994		EP
SA	2151	CLR	20			129	48	20	01	13		994	117 62.	EP
SA	2255	CLR	20			131	46	20	03	11		995		EP
SA	2351	CLR	20			127	47	21	01	09		994		EP

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 1986

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 57	26.340			39	8	8	CU	E80												8	3	.140			00-01
01 53	26.345			21	3															3					01-02
02 51	26.360			18	1															1					02-03
03 50	26.410			31	0															0	3	.070			03-04
04 50	26.440			39	0															0					04-05
05 50	26.450			35	3															3					05-06
06 50	26.460			32	3	3	AC	90												3	1	.050			06-07
07 50	26.480			32	3															3					07-08
08 50	26.480			29	2															2					08-09
09 50	26.480			25	1	1	AC	90												1	1	.020			09-10
10 50	26.470			21	2															2					10-11
11 50	26.460			20	2															2					11-12
12 50	26.450			18	2	2	AC	90												2	7	.030			12-13
13 50	26.440			18	3															3					13-14
14 50	26.420			16	4															4					14-15
15 53	26.430			15	5	5	CU	80												5	5	.020			15-16
16 50	26.450			15	2															2					16-17
17 53	26.460			16	0															0					17-18
18 51	26.490			25	0	0	CS	200												0	3	.060			18-19
19 57	26.520			29	0															0					19-20
20 52	26.540			30	0															0					20-21
21 51	26.540			33	0															0	1	.050			21-22
22 55	26.545			35	0															0					22-23
23 51	26.540			36	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		59	44										
	0347	1	0	0	0	61	44		0								
	0947	2	0	0	0	52	41		0								
	1549	3	0	0	0	62	52		0								
	2148	4	0	0	0	60	48		0								
	MID.		0	0	0	48	46										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2149
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.480	26.430	26.540
BAROGRAPH 64	26.410	26.475	26.440	26.540
BAR. CORR. 65	±0	+.005	-.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 (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 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 RAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	41	0	0	0	34	NW	0257					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 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 AT: 0830P ±0 Sec./ 2223 ±0 Sec./ ± Sec.

SP=

RS=

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 03 1986

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)	OP. INITIALS (15)
SA	0050	CLR	20			127	42	21	21	03		993	802	EP
SA	0153	CLR	20			118	47	20	01	12		992		EP
SA	0250	CLR	20			119	45	20	16	04		992		EP
SA	0350	CLR	20			128	44	21	07	10		994	302 40 RADAT 45067	CH
SA	0450	CLR	20			130	41	21	06	08		994		CH
SA	0550	CLR	20			134	43	21	05	07		995		CH
SA	0650	CLR	20			133	49	22	03	10		995	103	CH
SA	0750	CLR	20			133	52	24	04	10		995		CH
SA	0850	CLR	20			130	55	24	26	08		995		CH
SA	0950	CLR	20			130	57	25	03	06		995	400 40	CH
SA	1050	CLR	20			123	59	26	30	05		993		CH
SA	1150	CLR	20			109	63	27	07	10		992		CH
SA	1250	CLR	20			102	64	27	03	05		987	724 1100	CH
SA	1350	CLR	20			091	66	27	06	05		985		CH
SA	1450	CLR	20			085	67	27	34	05		983		CH
SA	1549	CLR	20			085	67	27	17	06		983	614 68 RADAT 52092	AD
SA	1649	CLR	20			086	67	27	26	06		983		AD
SA	1749	CLR	20			088	63	26	25	07		983		AD
SA	1849	CLR	20			088	59	24	24	05		983	400	AD
SA	1949	CLR	20			088	56	25	31	04		983		AD
SA	2049	CLR	20			094	52	25	33	04		985		AD
SA	2149	CLR	20			095	56	24	00	00		986	310 68	AD
SA	2249	CLR	20			100	47	25	00	00		986		AD
SA	2349	CLR	20			098	46	27	00	00		986		AD

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

FM12-VII: Iiiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

U.S. GPO: 1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 0 2 1980

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. HUMID. (%) 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	26.535			43	0															0	8	.005			00-01
01 53	26.520			34	0															0					01-02
02 50	26.520			37	0															0					02-03
03 50	26.540			40	0															0	3	.005			03-04
04 50	26.540			45	0															0					04-05
05 50	26.550			41	0															0					05-06
06 50	26.550			34	0															0	1	.010			06-07
07 50	26.550			33	0															0					07-08
08 50	26.550			30	0															0					08-09
09 50	26.550			29	0															0	4	.000			09-10
10 50	26.530			28	0															0					10-11
11 50	26.500			25	0															0					11-12
12 50	26.480			25	0	0	CU	60												0	7	.070			12-13
13 50	26.460			23	0															0					13-14
14 50	26.440			22	0															0					14-15
15 49	26.440			22	0															0	6	.040			15-16
16 49	26.440			22	0															0					16-17
17 49	26.440			24	0															0					17-18
18 49	26.440			26	0															0	4	.000			18-19
19 49	26.440			30	0															0					19-20
20 49	26.460			35	0															0					20-21
21 49	26.470			29	0															0	3	.030			21-22
22 49	26.470			42	0															0					22-23
23 49	26.470			47	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		48	40										
	0347	1	0	0	0	48	40		0								
	0947	2	0	0	0	57	40		0								
	1545	3	0	0	0	68	56		0								
	2145	4	0	0	0	68	51		0								
	MID.		0	0	0	56	46										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.440	26.470
BAROGRAPH 64	26.530	26.550	26.440	26.470
BAR. CORR. 65	+.010	+.0	+.0	+.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
68	40	0	0	0	16	NE	0646					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 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 AT: 0807 ±0 Sec./ 1815 ±0 Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED

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 04 1986

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 (10's °) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. METHOD (15)
SA	0049	CLR	20			098	45	27	06	08		986	400	AO
SA	0149	CLR	20			091	49	25	09	05		985		AO
SA	0249	CLR	20			088	45	26	04	06		984		AO
SA	0350	CLR	20			092	44	27	02	05		985	503 43 RADAT 50091	CH
SA	0450	CLR	20			093	43	26	10	06		985		CH
SA	0550	250 - SCT	20			099	43	27	10	05		986		CH
SA	0650	250 - SCT	20			102	49	27	33	05		987	307 1001	CH
SA	0750	250 - SCT	20			104	55	28	35	04		988		CH
SA	0850	250 - BKN	20			106	61	27	00	00		990		CH
SA	0950	250 - OVC	20			099	64	30	31	07		988	003 1001 41	CH
SA	1050	250 - OVC	20			096	65	28	00	00		986		CH
SA	1150	E250 OVC	20			091	68	27	27	12		985		CH
SA	1250	E 250 OVC	20			080	69	25	22	14		982	720 1077 ~~707~~	CH
SA	1350	E 250 OVC	20			069	70	24	24	15		980		CH
SA	1450	250 - OVC	20			061	69	24	24	17		976		CH
SA	1549	60 SCT 250 - OVC	20			060	69	23	23	14		976	617 1077 71 RADAT 48096	AO
SA	1649	60 SCT E250 OVC	20			062	67	23	23	11		976		AO
SA	1749	60 SCT 140 SCT E250 OVC	20			063	65	20	24	13		976		AO
SA	1849	60 SCT 140 SCT E250 OVC	20			061	63	18	24	10		976	400 1077	AO
SA	1949	60 SCT 120 SCT E250 OVC	20			068	60	19	10	06		979		AO
SA	2049	250 - BKN	20			072	59	18	16	08		981		AO
SA	2149	250 - SCT	20			071	55	21	09	06		981	114 1008 71	AO
SA	2249	250 - SCT	20			070	57	21	10	10		981		AO
SA	2349	250 - BKN	20			070	54	22	24	07		981		AO

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 04 1986

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 49	26.470			49	0															0	4	.000			00-01
01 49	26.460			39	0															0					01-02
02 49	26.450			47	0															0					02-03
03 50	26.460			51	0															0	5	.010			03-04
04 50	26.460			51	0															0					04-05
05 50	26.470			53	4															0					05-06
06 50	26.480			42	4	4	CI	250												0	3	.020			06-07
07 50	26.490			35	5															0					07-08
08 50	26.500			27	7															0					08-09
09 50	26.490			28	10	10	CI	250												3	0	.010			09-10
10 50	26.470			25	10															4					10-11
11 50	26.460			21	10															7					11-12
12 50	26.430			19	10	0	AC	90	10	CS	E250	10								6	7	.060			12-13
13 50	26.410			18	10															6					13-14
14 50	26.380			18	10															4					14-15
15 49	26.380			17	10	2	AC	60	8	CS	250	10								4	6	.050			15-16
16 49	26.380			19	10															7					16-17
17 49	26.380			18	10															9					17-18
18 49	26.380			17	10	2	AC	60	2	AC	140	4	6	CS	E250	10				10	4	.000			18-19
19 49	26.400			20	10															10					19-20
20 49	26.420			20	6															2					20-21
21 49	26.420			26	5	5	CS	250												1	1	.040			21-22
22 49	26.420			25	5															1					22-23
23 49	26.420			28	0															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	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	X	0	0	X	51	43	X	X						X		
	0347	1	0	0	0	56	43		0								
	0947	2	0	0	0	64	41		0								
	1545	3	0	0	0	71	63		0								
	2145	4	0	0	0	69	55		0								
	MID.	X	0	0	0	58	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.490	26.380	26.420
BAROGRAPH 64	26.460	26.500	26.390	26.420
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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	41	0	0	0	29	SW	1334					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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 AT: 0100 ±0 Sec./ 0559 ±0 Sec./ ± Sec.

1250/1250

SP=

RS=

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 05 1986

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. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's mil) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. REMARKS INITIALS (15)
SA	0049	250 - SCT	20			071	50	22	02	07		981	400 1001	AD
SA	0149	250 - SCT	20			071	49	23	00	00		981		AD
SA	0249	250 - SCT	20			075	47	24	00	00		981		AD
SA	0350	250 - SCT	20			076	44	24	00	00		981	400 1001 42	
													RADAT 40092	CH
SA	0450	250 - SCT	20			083	48	24	00	00		983		CH
SA	0550	250 - BKN	20			089	45	25	35	04		984		CH
SA	0650	250 - OVC	20			088	54	24	00	00		985	214 1007	CH
SA	0750	250 - OVC	20			095	54	27	05	05		986		CH
SA	0850	E250 OVC	20			095	60	25	23	03		987		CH
SA	0950	E250 OVC	20			092	65	28	05	06		986	003 1007 42	CH
SA	1050	E250 OVC	20			084	68	26	18	12		985		CH
SA	1150	E250 OVC	20			082	69	24	26	08		984		CH
SA	1250	E250 OVC	20			081	68	24	23	07		983	FEW CU / 710 1107	CH
SA	1350	60 SCT E250 OVC	20			073	69	25	11	10		981		CH
SA	1450	60 SCT E250 OVC	20			063	69	24	10	12		978		CH
SA	1550	60 SCT E250 BKN	20			065	68	24	10	12		978	617 1502 70 RADAT 50098	AD
SA	1649	60 SCT E250 BKN	20			059	68	24	10	13		976		AD
SA	1749	60 SCT E250 BKN	20			070	67	25	11	13		979		AD
SA	1849	60 SCT	20			075	62	25	11	10		981	310 1500	AD
SA	1949	60 SCT	20			080	59	25	11	09		982	DSNT	AD
SA	2049	60 SCT	20			081	57	25	11	08		983	~~DSNT~~ LTG W	AD
SA	2149	60 SCT	20			080	55	26	09	05		983	107 1500 70	AD
SA	2249	CLR	20			080	53	26	08	05		983		AD
SA	2349	CLR	20			080	50	26	06	04		983		AD

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

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

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

U.S. GPO: 1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 05 1986

To convert LST to GMT ADD 6 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 49	26.420			33	2	2	Ci	250												0	4	.000			00-01
01 49	26.420			36	2															0					01-02
02 49	26.420			40	2															0					02-03
03 50	26.420			45	2	2	Ci	250												0	4	.000			03-04
04 50	26.440			39	2															0					04-05
05 50	26.450			45	8															2					05-06
06 50	26.460			31	10	10	CS	250												3	2	.040			06-07
07 50	26.470			35	10															4					07-08
08 50	26.480			26	10															7					08-09
09 50	26.470			25	10	10	CS	E250												8	0	.010			09-10
10 50	26.460			20	10															9					10-11
11 50	26.450			18	10															9					11-12
12 50	26.440			19	10	0	Cu	60	10	CS	E250	10								10	7	.030			12-13
13 50	26.420			19	10															10					13-14
14 50	26.390			18	10															10					14-15
15 50	26.390			19	8	3	SC	60	5	Ci	E250	8								5	6	.050			15-16
16 49	26.380			19	7															5					16-17
17 49	26.400			20	6															6					17-18
18 49	26.420			24	5	5	SC	60												5	3	.030			18-19
19 49	26.430			27	3															3					19-20
20 49	26.440			29	3															3					20-21
21 49	26.440			32	2	2	SC	60												2	1	.020			21-22
22 49	26.440			35	0															0					22-23
23 49	26.440			39	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		56	44										
	0347	1	0	0	0	58	44		0								
	0947	2	0	0	0	65	42		0								
	1545	3	0	0	0	70	65		0								
	2145	4	0	0	0	68	54		0								
	MID.		0	0	0	57	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.470	26.390	26.440
BAROGRAPH 64	26.420	26.470	26.390	26.430
BAR. CORR. 65	± 0	.000	± 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 UNREL 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
70	42	0	0	0	20	E	1645					9	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 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 AT: 0100 ± 0 Sec./ 0610 ± 0 Sec./ ± Sec.

2049/2049

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED.

☆U.S. GPO: 1983-0-784-069/0869

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 06 1986

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 (10's Deg.) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			081	50	26	07	07		983	400	AD
SA	0149	CLR	20			081	49	26	16	04		983		AD
SA	0249	CLR	20			078	55	31	21	06		983		AD
SA	0353	CLR	20			086	54	34	29	04		986	307 48 RADAT 32057	JC
SA	0453	250 SCT	20			091	54	34	29	03		992		JC
SA	0554	60 SCT 100 SCT E250 BKN	20			094	51	35	05	03		992	RWY S	JC
SA	0655	M38 BKN 60 OVC	20		RW-	112	50	35	29	04		992	RB14 / 32060 14//	JC
SA	0754	M38 BKN 60 BKN 250 OVC	20			119	53	38	06	06		993	RE17 RWY NW	JC
SA	0856	40 SCT E65 BKN 250 OVC	20			118	56	37	34	07		993	RWY W- VIS	JC
SA	0951	40 SCT E60 BKN	20			119	57	35	31	05		993	RWY SW AND W / 03100	JC
													1400 48	
SA	1055	E40 BKN 60 OVC	10		RW-	121	54	42	23	08		993	RB32	JC
SA	1154	E40 OVC	10		RW-	129	52	44	22	12 G17		994		JC
SA	1250	E40 BKN 60 OVC	10		RW-	124	49	45	25	07		992	VSBY LWR NW / 12322	JC
													14//	
SA	1351	25 SCT E40 OVC	5		RW-	130	51	46	27	04		994	VSBY ALE3	JC
SP	1413	M14 BKN 250 VC	3		RW-				21	03		994	VSBY HIR TO SW	JC
SP	1422	14 E1 25 SCT E40 BKN	10		RW-				35	08		993		JC
SA	1451	25 SCT E60 BKN 250 OVC	20			121	53	46	23	07		993	RE14R29	JC
SA	1555	25 SCT E45 BKN 250 OVC	20		RW- 12	118	52	38	24	13		993	REG: 00331 1802 59	MR
													RADAT 94020	
SA	1656	25 SCT E45 BKN 250 OVC	20		RW-	128	50	38	25	14		994	~~RE2 RWY S-W~~ *RE21B55	MR
SA	1754	23 SCT E45 BKN 60 OVC	20			131	47	42	06	06		994	RE08 VIRGA ALQDS	MR
SA	1857	20 SCT E45 BKN 80 OVC	20			134	49	37	19	08		996	BINOVC W 20801 155/	MR
SA	1954	25 SCT E40 OVC	20			132	49	37	09	03		996	BINOVC SW	MR
SA	2052	40 SCT E75 OVC	20			145	47	40	16	03		994		MR
SA	2157	25 SCT M39 OVC	~~20~~ 10		RW-	150	45	40	12	03		000	RB17 31502 15// 59	MR
SA	2252	25 SCT M45 OVC	20			150	44	42	12	05		000	RE26	MR
SA	2352	M39 OVC	20			155	43	41	27	04		001		MR

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

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

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

U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

STATION: WSMO, DESERT ROCK NEVADA

DATE APR 06 1986

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.440			39	0															0	4	.000			00-01
01 49	26.440			40	0															0					01-02
02 49	26.440			40	0															0					02-03
03 53	26.460			47	0															0	3	.020			03-04
04 53	26.470			47	4															2					04-05
05 [illegible]	[illegible]			[illegible]	[illegible]															[illegible]					05-06
06 55	26.520			56	10	1	Sc	1450	3	Sc	60	10								10	3	.020			06-07
07 54	26.530			57	10															9					07-08
08 52	26.530			49	10															9					08-09
09 53	26.530			44	9	7	Sc	40	5	Sc	160	9								9	1	.010			09-10
10 55	26.530			64	10															10					10-11
11 54	26.540			74	10															10					11-12
12 50	26.520			86	10	2	Sc	140	8	Cu	60	10								10	3	.010			12-13
13 51	26.540			83	10															10					13-14
14 51	26.530			77	10															10					14-15
15 55	26.525			60	10	3	Cu	25	3	Sc	E45	6	4	Ci	250	10				9	0	.005			15-16
16 56	26.540			65	10															10					16-17
17 54	26.540			82	10															10					17-18
18 57	26.550			62	10	2	Sc	20	7	Sc	E45	9	1	Ac	80	10				10	2	.025			18-19
19 54	26.550			64	10															10					19-20
20 52	26.585			75	10															10					20-21
21 57	26.595			82	10	2	Sc	25	8	Sc	M130	10								10	3	.045			21-22
22 52	26.590			92	10															10					22-23
23 53	26.600			92	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 0341	X	0	0	X	57	48	X	X						X		
	0341	1	0	0	0	57	48		0								
	0748	2	T	0	0	57	49		1								
	1549	3	.31	0	0	59	49		2								
	2151	4	.02	0	0	53	45		2								
	MID.	X	.01	0	0	46	43	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0903	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.530	26.525	26.595
BAROGRAPH 64	26.450	26.525	26.525	26.590
BAR. CORR. 65	+.010	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNREL 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
59	43	.34	0	0	22	SW	1632 1/					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 86	ENDED 87
RW-	0614	0717			
RW-	1032	1039			
RW-	1546	1621			
RW-	1655	1708			
RW-	2117	2226			

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 AT: 2948P ±0 Sec./ 1958P ±0 Sec./ ± Sec.

0953/0953
1413/1413
1457/1457
1555/1555
1656/1656

1/ LAST OF SEVERAL OCCURENCES

SP=
RS=

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 1986

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0056	M36 OVC	20			158	45	43	29	03		002	30501 1511	MR
SA	0154	M55 OVC	20			158	45	43	15	04		002		MR
SA	0257	M55 BKN	20			158	44	41	14	05		002		MR
SA	0358	M50 BKN	20			161	46	39	29	04		003	30301 1500 43	DC
													2-0034 RADAT 7800	
SA	0454	50 SCT	20			162	46	40	22	04		003		DC
SA	0559	50 SCT	20			171	44	39	18	05		005		DC
SA	0656	50 SCT	20			178	47	40	03	04		008	314 1500	DC
SA	0755	45 SCT	20			184	51	39	12	03		010		DC
SA	0855	45 SCT	20			189	53	37	24	10		011		DC
SA	0956	E45 BKN	20			191	54	37	13	04		012	114 1200 43	DC
SA	1050	M50 BKN	20			190	57	36	24	09		012		DC
SA	1153	50 SCT	20			190	58	36	23	13	G24	012		DC
SA	1256	50 SCT	20			184	61	33	24	14	G23	011	803 1200	DC
SA	1352	50 SCT	20			180	62	33	24	13		010		DC
SA	1449	50 SCT	20			176	63	31	25	13		009		DC
SA	1555	50 SCT	20			170	63	29	24	10	G16	008	210 1100 64 RADAT 66035	MR
SA	1654	50 SCT	20			166	63	30	25	10		007		MR
SA	1751	50 SCT	20			165	61	30	25	09		005		MR
SA	1853	50 SCT 120 SCT	20			168	56	34	30	06		006	505 1450	MR
SA	1951	CLR	20			175	53	35	33	05		008	FEW SC	MR
SA	2053	CLR	20			175	51	37	01	07		008	FEW SC	MR
SA	2154	50 SCT	20			174	50	37	02	05		008	005 1400 64	MR
SA	2250	E50 BKN	20			172	51	39	07	03		008		MR
SA	2355	45 SCT E110 OVC	20			167	51	41	35	03		007		MR

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 07 1986

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	26.610			91	10	10	SC	M36												10	3	.015			00-01
01 54	26.610			92	10															10					01-02
02 57	26.610			88	6															6					02-03
03 58	26.620			76	8	8	SC	M50												8	3	.010			03-04
04 54	26.620			80	5															5					04-05
05 52	26.635			82	3															3					05-06
06 56	26.660			77	5	5	SC	50												5	3	.040			06-07
07 55	26.680			63	1															1					07-08
08 55	26.690			59	1															1					08-09
09 56	26.700			53	6	6	Cu	E45												6	1	.040			09-10
10 50	26.700			45	7															7					10-11
11 53	26.700			44	4															4					11-12
12 56	26.690			35	3	3	Cu	50												3	8	.010			12-13
13 52	26.680			34	2															2					13-14
14 49	26.670			30	2															2					14-15
15 55	26.660			27	3	3	Cu	50												3	7	.030			15-16
16 54	26.650			29	3															3					16-17
17 51	26.640			31	2															2					17-18
18 53	26.645			44	2	2	Sc	50	0	Ac	120	2								2	5	.015			18-19
19 51	26.665			49	0															0					19-20
20 53	26.665			60	0															0					20-21
21 54	26.660			60	1	1	Sc	50												1	0	.015			21-22
22 50	26.660			64	9															9					22-23
23 55	26.650			69	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	47	43	X	X						X		
	0350	1	.01	0	0	47	43		1								
	0950	2	0	0	0	56	44		1								
	1551	3	0	0	0	64	54		1								
	2150	4	0	0	0	64	50		1								
	MID.	X	0	0	0	51	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0953	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.700	26.660	26.660
BAROGRAPH 64	26.610	26.700	26.665	26.660
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
64	43	0	0	0	24	SW	1149					9	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 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 AT: 1000P ±0 Sec. / 1557P ± 0 Sec. / ± Sec.

SP=

RS=

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 08 1986

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	0054	50 SCT E90 OVC	20			167	49	42	11	04		007	603 1471	MR
SA	0152	40 SCT E100 OVC	20			169	51	37	31	05		008		MR
SA	0254	E70 BKN 250 OVC	20			168	52	35	26	03		008		MR
SA	0358	E90 BKN	20			171	51	37	23	06		009	207 1070 48	DC
/													RADAT 73075	/
SA	0455	E90 BKN	20			169	49	38	35	04		008	VIRGA SE	DC
SA	0555	90 SCT	20			180	47	40	02	08		010		DC
SA	0650	CLR	20			181	52	38	02	07		011	FEW AC / 305 1070	DC
SA	0753	CLR	20			185	56	36	26	05		012	CU OMTNS SE	DC
/													FEW AC CI	/
SA	0846	CLR	20			190	57	37	28	04		013	FEW CU CI	DC
SA	0948	CLR	20			194	59	37	23	06		014	CU ALQDS FEW CI	DC
/													/ 212 1202 46	/
SA	1048	CLR	20			191	60	36	25	06		014	CU ALQDS FEW CI	DC
SA	1151	CLR	20			184	63	30	24	08		012	CU ALQDS	DC
SA	1255	55 SCT 200 SCT	20			180	65	34	26	06		011	810 1202	DC
SA	1353	CLR	20			170	66	32	28	08		009	CU ALQDS CI W-N	DC
SA	1458	250 - SCT	20			165	66	30	24	07		008	CU ALQDS	DC
SA	1555	250 - BKN	20			165	65	25	26	06		007	612 1104 67 RADAT 50088	MR
SA	1654	CLR	20			162	66	25	27	05		006	FEW CU CI	MR
SA	1753	CLR	20			166	63	25	26	05		007	FEW CU CI	MR
SA	1853	CLR	20			166	58	31	25	03		007	502 1450	MR
SA	1950	CLR	20			170	54	37	01	04		008	FEW SC AC	MR
SA	2053	CLR	20			174	51	38	07	03		009		MR
SA	2154	CLR	20			174	50	37	05	05		009	107 67	MR
SA	2250	CLR	20			178	50	36	06	03		010		MR
SA	2356	CLR	20			174	50	34	10	05		009		MR

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 08 1986

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	26.650			77	10	2	Sc	50	8	Ac	E90	10								8	6	.010			00-01
01 52	26.660			59	10															10					01-02
02 54	26.660			52	10															7					02-03
03 58	26.670			59	7	7	AC	E90												7	2	.020			03-04
04 55	26.660			66	6															6					04-05
05 55	26.680			77	5															5					05-06
06 50	26.685			59	0	0	AC	90												0	3	.015			06-07
07 53	26.700			47	0															0					07-08
08 46	26.710			47	0															0					08-09
09 48	26.720			44	0	0	Cu	55	0	CI	200	0								0	2	.035			09-10
10 48	26.720			41	0															0					10-11
11 51	26.700			29	0															0					11-12
12 55	26.690			32	1	1	Cu	55	0	CI	200	1								1	8	.030			12-13
13 53	26.670			28	0															0					13-14
14 58	26.660			26	3															1					14-15
15 55	26.655			22	9	0	Cu	55	9	CI	250	9								4	6	.035			15-16
16 54	26.645			21	0															0					16-17
17 53	26.650			24	0															0					17-18
18 53	26.650			36	0	0	Sc	50	0	Ac	120	0								0	5	.005			18-19
19 50	26.660			52	0															0					19-20
20 53	26.670			62	0															0					20-21
21 54	26.670			60	0															0	1	.020			21-22
22 50	26.680			59	0															0					22-23
23 56	26.675			54	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	53	49	X	X						X		
	0350	1	0	0	0	53	48		1								
	0944	2	0	0	0	59	46		1								
	1551	3	0	0	0	67	58		0								
	2150	4	0	0	0	67	50		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0946	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.720	26.655	26.670
BAROGRAPH 64	26.670	26.720	26.660	26.675
BAR. CORR. 65	0	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	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	0	0	0	18	W	1257					1	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0520 SUNSET 1812

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

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

TIME CHECK - CLOCK AT: 0610 ±0 Sec./ 1856P ±0 Sec./ ± Sec.

0358/0358

SP=

RS=

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 1986

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)	INITIALS (15)
SA	0050	CLR	20			173	46	37	00	00		009	000	MR
SA	0153	CLR	20			173	46	37	06	03		009		MR
SA	0252	CLR	20			171	46	36	10	05		008		MR
SA	0353	CLR	20			172	44	36	10	03		008	202 44 RADAT 66090	JC
SA	0454	CLR	20			174	43	36	09	03		009		JC
SA	0553	CLR	20			176	43	37	08	03		009		JC
SA	0653	CLR	20			179	50	38	12	03		010	305	JC
SA	0754	CLR	20			175	60	33	01	07		010		JC
SA	0851	CLR	20			180	63	32	11	03		011	FEW CU SCT	JC
SA	0953	CLR	20			180	64	33	32	05		011	203 4R 1001 42	JC
SA	1058	CLR	20			170	68	34	26	04		009	FEW CU ALQDS	JC
SA	1155	CLR	20			160	69	34	17	04		007	FEW CU ALQDS	JC
SA	1253	20 SCT	20			155	71	34	00	00		004	220 1100	JC
SA	1355	CLR	20			143	71	34	31	04		001	FEW CU ALQDS	JC
SA	1454	CLR	20			135	72	34	26	06		000	FEW CU ALQDS	JC
SA	1556	120 SCT	20			128	73	34	23	05		996	724 1400 74 RADAT MISSING	WRG
SA	1657	120 SCT	20			127	72	33	26	08		996		WRG
SA	1754	CLR	20			124	70	34	25	07		995	FEW SC N	WRG
SA	1852	CLR	20			129	64	34	27	04		996	500 1400	WRG
SA	1952	CLR	20			130	58	38	04	05		997		WRG
SA	2050	CLR	20			133	56	38	06	04		998		WRG
SA	2152	CLR	20			134	55	38	00	00		998	107 74	WRG
SA	2252	CLR	20			134	53	37	05	05		998		WRG
SA	2350	CLR	20			134	52	37	07	05		998		WRG

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

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

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

☆U.S.GPO:1984-0-784-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 09 1986

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670			71	0															0	0	.000			00-01
01 53	26.670			71	0															0					01-02
02 52	26.665			69	0															0					02-03
03 53	26.665			73	0															0	7	.005			03-04
04 54	26.670			76	0															0					04-05
05 53	26.670			79	0															0					05-06
06 55	26.680			63	0															0	3	.015			06-07
07 54	26.680			36	0															0					07-08
08 51	26.690			31	0															0					08-09
09 53	26.690			31	0	0	Cu	70												0	2	.010			09-10
10 52	26.670			28	0															0					10-11
11 55	26.650			28	0															0					11-12
12 53	26.630			26	1	1	Cu	70												1	7	.060			12-13
13 55	26.600			26	0															0					13-14
14 54	26.580			25	0															0					14-15
15 56	26.560			24	2	2	Sc	120												2	7	.070			15-16
16 57	26.555			25	1															1					16-17
17 54	26.545			26	0															0					17-18
18 52	26.560			33	0	0	Sc	120												0	5	.000			18-19
19 52	26.665			47	0															0					19-20
20 50	26.580			51	0															0					20-21
21 52	26.580			53	0															0	1	.020			21-22
22 52	26.580			54	0															0					22-23
23 50	26.590			52	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		50	44	X	X						X		
	0348	1	0	0	0	52	44		0								
	0949	2	0	0	0	65	42		0								
	1552	3	0	0	0	74	64		0								
	2148	4	0	0	0	74	55		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.665	26.680	26.560	26.580
BAROGRAPH 64	26.665	26.670	26.560	26.570
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 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
74	42	0	0	0	13	5	1231					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 0517 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 AT: 1007 P ⊕0 Sec./ 2016 ⊕0 Sec./ ± Sec.

0953/0953 1556/1556

1754/1754

1852/1852

SP=

RS=

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 1986

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. SENTER'S INITIALS (15)
SA	0050	CLR	20			129	52	36	06	05		997	803	WRG
SA	0152	CLR	20			124	53	36	33	03		996		WRG
SA	0250	CLR	20			124	52	36	02	04		996		WRG
SA	0353	CLR	20			121	50	37	02	05		996	202 49 RADAT 58099	JC
SA	0456	CLR	20			125	51	37	04	04		997		JC
SA	0554	250 - BKN	20			129	52	37	00	00		998		JC
SA	0653	120 SCT E250 OVC	20			129	58	36	05	09		998	107 1077	JC
SA	0754	120 SCT E250 OVC	20			131	62	36	03	12		998		JC
SA	0853	120 SCT E250 OVC	20			130	65	36	02	11		998		JC
SA	0953	E250 OVC	20			128	69	35	04	04		998	400 1177 49	JC
SA	1054	E250 OVC	20			120	73	32	29	05		996	FEW CU NW-N	JC
SA	1154	E250 OVC	20			111	74	32	11	07		993	FEW CU ALQDS	JC
SA	1255	80 SCT E250 OVC	20			104	75	28	22	09		991	220 1107	JC
SA	1356	80 SCT E250 OVC	20			095	74	27	23	13		989		JC
SA	1451	80 SCT E250 OVC	20			089	74	27	23	07		987		JC
SA	1552	100 SCT E250 OVC	20			083	73	26	24	14		984	220 1107 76 RADAT 53104	WRG
SA	1652	100 SCT E250 OVC	20			084	71	28	25	13		984		WRG
SA	1752	100 SCT E250 OVC	20			085	70	26	24	10		984		WRG
SA	1852	100 SCT E250 OVC	20			082	67	25	25	06		984	400 1107	WRG
SA	1950	100 SCT 250 - BKN	20			088	62	30	11	05		986		WRG
SA	2050	100 SCT 250 - SCT	20			096	57	32	10	06		988		WRG
SA	2152	100 SCT 250 SCT	20			096	56	31	06	07		988	114 1408 76	WRG
SA	2250	100 SCT	20			097	55	32	00	00		989		WRG
SA	2352	100 SCT	20			099	53	32	09	03		990		WRG

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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 10 1986

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	26.570			55	0															0	8	.010			00-01
01 52	26.560			53	0															0					01-02
02 50	26.560			54	0															0					02-03
03 53	26.550			61	0															0	2	.020			03-04
04 53	26.560			58	0															0					04-05
05 54	26.570			56	8															0					05-06
06 53	26.570			44	10	1	AC	180	10	CS	E250	10								8	1	.080			06-07
07 54	26.570			38	10															7					07-08
08 53	26.570			34	10															8					08-09
09 53	26.570			29	10	0	CU	60	0	AC	120	0	10	CS	E250	10				8	4	.000			09-10
10 54	26.530			22	10															9					10-11
11 54	26.530			21	10															10					11-12
12 53	26.570			18	10	4	CU	80	10	CS	E250	10								8	2	.060			12-13
13 56	26.490			17	10															10					13-14
14 51	26.470			17	10															10					14-15
15 52	26.450			17	10	3	CU	100	10	CS	E250	10								8	7	.060			15-16
16 52	26.450			20	10															8					16-17
17 52	26.450			19	10															9					17-18
18 52	26.450			21	10	2	CU	100	10	CS	E250	10								8	4	.000			18-19
19 50	26.465			30	8															4					19-20
20 50	26.485			38	3															1					20-21
21 52	26.490			39	1	1	SC	100	0	CS	250	1								1	1	.040			21-22
22 50	26.495			41	1															1					22-23
23 52	26.500			44	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	54	49	X	X						X		
	0348	1	0	0	0	53	49		0								
	0949	2	0	0	0	70	50		0								
	1548	3	0	0	0	76	59		0								
	2148	4	0	0	0	73	56		0								
	MID.	X	0	0	0	56	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.570	26.450	26.490
BAROGRAPH 64	26.540	26.530	26.445	26.465
BAR. CORR. 65	+.010	+.020	+.005	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	49	0	0	0	20	SW	1502					10	6		

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 AT: 1001P @0 Sec./ 2348P @0 Sec./ ± Sec.

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

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, N.

DATE: APR 11 1986

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. SENSOR'S INITIALS (15)
SA	0052	CLR	20			094	51	32	09	03		988	802 1400	WRG
SA	0152	CLR	20			094	49	33	08	04		987		WRG
SA	0250	CLR	20			095	48	32	07	04		987		WRG
SA	0352	CLR	20			095	51	31	09	02		987	602 47 RADAT 61103	CRD
SA	0454	CLR	20			098	47	32	09	05		988		CRD
SA	0550	CLR	20			108	47	33	10	06		991		CRD
SA	0652	CLR	20			115	54	32	10	04		993	217	CRD
SA	0751	CLR	20			117	62	32	32	02		994		CRD
SA	0850	CLR	20			114	66	29	27	04		993		CRD
SA	0955	CLR	20			113	70	30	25	06		993	000 1100 46	CRD
SA	1050	CLR	20			102	72	28	25	06		991		CRD
SA	1150	CLR	20			098	75	29	25	12		990	Few Cu	CRD
SA	1253	CLR	20			090	76	30	30	05		987	717 1100	CRD
SA	1359	CLR	20			082	77	28	25	10		984	Few Cu	CRD
SA	1450	CLR	20			074	77	28	26	08		982	Few Cu	CRD
SA	1552	CLR	20			065	77	27	25	07		980	724 1100 78 RADAT 48108	WRG
SA	1652	250 - SCT	20			063	76	26	25	16		979	Few Cu E	WRG
SA	1750	250 - BKN	20			065	73	24	24	12		979	Few Sc E	WRG
SA	1850	250 - BKN	20			058	71	24	24	11		978	707 1001	WRG
SA	1952	250 - BKN	20			055	69	26	21	13		978		WRG
SA	2050	250 - SCT	20			058	68	26	21	10		979		WRG
SA	2150	250 - SCT	20			052	67	23	24	07		978	000 1008 78	WRG
RS SA	2252	250 - SCT	20			048	65	25	07	07		977	WSHFT 43	WRG
SA	2352	250 - SCT	20			047	63	26	19	04		977	Wnd Dir Vrbl	WRG

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 11 1986

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 PREVIOUS SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRES. PTATION (Ins.) 40	HR.
00 52	26.485			49	0	0	SC	100												0	8	.005			00-01
01 52	26.480			55	0															0					01-02
02 50	26.480			55	0															0					02-03
03 52	26.480			46	0															0	6	.005			03-04
04 54	26.485			56	0															0					04-05
05 50	26.510			58	0															0					05-06
06 52	26.530			43	0															0	2	.050			06-07
07 51	26.540			32	0															0					07-08
08 50	26.530			25	0															0					08-09
09 55	26.530			23	0	0	CW	80												0	0	.000			09-10
10 50	26.510			19	0															0					10-11
11 50	26.500			19	0															0					11-12
12 53	26.480			18	0	0	CW	80												0	7	.050			12-13
13 54	26.450			16	0															0					13-14
14 50	26.430			16	0															0					14-15
15 52	26.410			16	0	0	CW	80												0	7	.070			15-16
16 52	26.400			15	5															2					16-17
17 50	26.400			16	6															3					17-18
18 50	26.390			17	7	7	CI	250												3	7	.020			18-19
19 52	26.390			20	6															3					19-20
20 50	26.400			21	5															2					20-21
21 50	26.390			19	5	5	CS	250												2	0	.000			21-22
22 52	26.380			23	3															1					22-23
23 52	26.380			24	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 0348	X	0	0	X	59	47	X	X						X		
	0348	1	0	0	0	56	47		0								
	0952	2	0	0	0	70	46		0								
	1547	3	0	0	0	78	70		0								
	2146	4	0	0	0	77	67		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0954	1550	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.530	26.410	26.390
BAROGRAPH 64	26.460	26.510	26.390	26.370
BAR. CORR. 65	+.020	+.020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
78	46	0	0	0	20	SW	1659					1	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 0516 SUNSET 1814

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 AT: 0805 ± 0 Sec./ 2142 ± 0 Sec./ ± Sec.

3252/RS/1420-15

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6069

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 12 1986

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 (Miles) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts) (10)	WIND GUSTS (11)	ALTIMETER SET TIME (Hrs) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INDICATORS (14)
SA	0052	250 SCT	20			040	63	27	23	07		974	810 1008	WRG
SA	0152	250 SCT	20			033	63	29	24	10		972		WRG
SA	0250	250 SCT	20			027	58	32	25	07		970		WRG
SA	0352	250 SCT	20			019	58	33	07	07		968	720 1008 57 RADAT 20114	CRD
SA	0456	250 SCT	20			023	54	35	03	05		968		CRD
SA	0551	180 SCT 250 SCT	20			024	59	35	24	12 G 19		969	ACSL E-SE	CRD
SA	0650	180 SCT 250 SCT	20			029	60	37	25	16 G 23		970	ACSL E SE/307 1048	CRD
SA	0752	250 SCT	20			032	63	37	24	12 G 20		971		CRD
SA	0850	250 SCT	20			033	64	38	24	13 G 23		971		CRD
SA	0950	250 SCT	20			030	67	37	24	16 G 25		971	103 1008 52	CRD
SA	1054	250 SCT	20			019	69	35	23	15 G 33		968		CRD
SA	1153	250 SCT	20			008	70	32	21	29 G 37		964	PK WND 2137/50	CRD
SA	1252	250 SCT	20			999	73	27	19	26 G 37		962	Cu NW ACSL E*/827 1141	CRD
/													* PK WND 1937/51	/
SA	1352	250 SCT	20			996	71	28	23	20 G 32		961		CRD
SA	1451	250 SCT	20			991	72	26	22	20 G 35		959	PK WND 2138/29 2332/48	CRD
SA	1552	80 SCT 160 SCT 250 SCT	20			968	71	24	23	30 G 38		952	PRESFR PK wnd ~~2330/46~~ 2340/46	/
/													830 1148 73 RADAT 20115	WRG
SA	1653	80 SCT 160 SCT 250 SCT	15			972	68	9	23	30 G 42		952	PK wnd 2342/44	WRG
SA	1752	80 SCT 160 SCT 250 SCT	15			002	63	19	23	25 G 35		960	Pres RR PK wnd 2345/00	WRG
/													BD ALQDS	WRG
SA	1852	160 SCT 250 - SCT	15			024	59	22	24	24 G 34		966	Pres RR 344 1048	WRG
SA	1952	160 SCT 250 - SCT	15			034	57	19	25	20 G 30		970		WRG
SA	2050	250 - SCT	20			050	55	12	25	16 G 24		975		WRG
SA	2152	CLR	20			058	52	5	26	10		976	230 1008 73	WRG
SA	2252	CLR	20			077	48	4	31	07		982		WRG
SA	2352	CLR	20			093	48	11	34	05		986		WRG

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

FM12-VII: Iliii $i_R i_x h VV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_h C_L C_M C_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 12 1986

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	26.360			25	1	1	CS	250												1	8	.030			00-01
01 52	26.340			27	1															1					01-02
02 50	26.320			37	1															1					02-03
03 52	26.300			39	1	1	CS	250												1	7	.060			03-04
04 56	26.300			48	3															2					04-05
05 51	26.310			41	4															4					05-06
06 50	26.320			42	4	2	ACSL	180	2	CS	250	4								3	3	.020			06-07
07 52	26.330			38	1															1					07-08
08 50	26.330			38	2															2					08-09
09 50	26.330			33	3	3	CS	250												3	1	.010			09-10
10 54	26.300			29	3															3					10-11
11 53	26.265			24	2															2					11-12
12 52	26.250			18	2	0	CU	80	0	ACSL	160	0	2	CI	250	2				2	8	.080			12-13
13 52	26.240			20	2															2					13-14
14 51	26.220			18	2															2					14-15
15 52	26.160			17	5	1	CU	80	1	ACSL	160	2	3	CS	250	5				3	8	.090			15-16
16 53	26.160			10	5															3					16-17
17 52	26.230			18	5															3					17-18
18 52	26.290			24	5	2	AC	160	3	CS	250	5								2	3	.130			18-19
19 52	26.320			23	5															2					19-20
20 50	26.365			18	3															1					20-21
21 52	26.390			15	0	0	CS	250												0	2	.090			21-22
22 52	26.430			16	0															0					22-23
23 51	26.410			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		64	57										
	0346	1	0	0	0	67	57		0								
	0946	2	0	0	0	67	52		0								
	1548	3	0	0	0	73	67		0								
	2148	4	0	0	0	71	52		0								
	MID.		0	0	0	52	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
SYA. PRESS. 63	26.300	26.330	26.160	26.330
BAROGRAPH 64	26.280	26.300	26.145	26.350
BAR. CORR. 65	+.020	+.030	+.015	+.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
73	45	0	0	0	45	SW	1700					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 AT: 0810 ±0 Sec./ 2319 ⊕0 Sec./ ± Sec.

1552/1552 1559/PK WND/1400-15 1653/GUST/1400-15

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 13 1986

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)	OB. SERVER'S INITIALS (15)
SA	0052	CLR	20			098	48	16	34	11		988	137	WRG
SA	0152	CLR	20			110	44	17	04	09		991		WRG
SA	0250	CLR	20			116	46	15	02	07		993		WRG
SA	0351	CLR	20			124	45	15	03	08		995	220 42 RADAT 28068	SH
SA	0451	CLR	20			138	44	18	02	09		998		SH
SA	0551	CLR	20			152	45	18	36	12		002		SH
SA	0655	CLR	20			166	48	17	35	15		006	232	SH
SA	0752	CLR	20			174	50	17	33	16		008		SH
SA	0854	CLR	20			175	52	15	34	13	G19	008		SH
SA	0952	CLR	20			176	54	16	34	10	G17	008	108 1001 42	SH
SA	1054	250 -SCT	20			176	57	13	34	15	G20	008		SH
SA	1153	250 -SCT	20			174	58	13	35	12		008		SH
SA	1254	250 -SCT	20			168	60	12	33	08	G18	006	807 1001	SH
SA	1354	250 -SCT	20			163	60	12	36	09		005		SH
SA	1451	CLR	20			156	61	12	01	12		003		SH
SA	1552	CLR	20			148	62	12	04	09		001	817 1001 63 RADAT 31081	HS
SA	1653	CLR	20			146	62	13	01	08		000		HS
SA	1752	250 - SCT	20			150	60	13	36	09		001		HS
SA	1850	250 - SCT	20			152	54	16	05	07		001	400 1001	HS
SA	1951	CLR	20			160	51	18	06	05		003		HS
SA	2052	CLR	20			161	51	12	07	10		004		HS
SA	2152	250 - SCT	20			167	53	10	04	08		007	317 1001 63	HS
SA	2252	250 - SCT	20			171	51	12	04	11		008		HS
SA	2352	CLR	20			171	49	13	04	12		008		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$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 13 1986

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	26.490			28	0															0	1	.110			00-01
01 52	26.510			33	0															0					01-02
02 50	26.530			28	0															0					02-03
03 51	26.550			30	0															0	2	.060			03-04
04 51	26.580			34	0															0					04-05
05 51	26.610			34	0															0					05-06
06 55	26.645			29	0															0	2	.095			06-07
07 52	26.665			27	0															0					07-08
08 54	26.670			23	0															0					08-09
09 52	26.670			22	0	0	CI	250												0	1	.025			09-10
10 54	26.670			18	4															0					10-11
11 53	26.665			16	3															0					11-12
12 54	26.650			15	2	2	CI	250												0	8	.020			12-13
13 54	26.635			15	2															0					13-14
14 51	26.620			14	0															0					14-15
15 52	26.600			14	0	0	CI	250												0	8	.050			15-16
16 53	26.590			15	0															0					16-17
17 52	26.600			16	2															1					17-18
18 50	26.600			22	4	4	CI	250												1	4	.000			18-19
19 51	26.620			27	0															0					19-20
20 52	26.630			21	0															0					20-21
21 52	26.650			18	5	5	CI	250												2	3	.050			21-22
22 52	26.660			21	2															0					22-23
23 52	26.660			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	49	42	X	X						X		
	0346	1	0	0	0	52	42		0								
	0948	2	0	0	0	55	44		0								
	1550	3	0	0	0	63	53		0								
	2150	4	0	0	0	62	50		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.670	26.600	26.650
BAROGRAPH 64	26.640	26.670	26.595	26.640
BAR. CORR. 65	+.010	*0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHL 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
63	42	0	0	0	*23	N	0835					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 0513 SUNSET 1916

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 AT: 0647P ±0 Sec./ 1954P ±0 Sec./ ± Sec.

* BAROGRAM CHANGED AND RESET TO ZERO COR.

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

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 1986

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)	OP. INITIALS (15)
SA	0050	CLR	20			164	48	14	04	09		005	803 1001	HS
SA	0151	CLR	20			164	47	14	04	12		005		HS
SA	0250	CLR	20			164	46	14	04	11		005		HS
SA	0352	CLR	20			167	46	15	04	10		006	303 1001 45	SH
	—		—			—						—	RADAT 25083	—
SA	0456	E250 BKN	20			167	45	15	05	10		006		SH
SA	0555	180 SCT E250 OVC	20			172	46	16	04	11		007		SH
SA	0656	180 SCT E250 OVC	20			178	48	16	04	11		008	307 1082	SH
SA	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
SA	0851	160 SCT E250 OVC	20			174	54	16	03	10		008		SH
SA	0957	140 SCT E250 OVC	20			169	58	17	06	06		007	803 1077 45	SH
SA	1059	140 SCT E250 OVC	20			161	60	16	10	12		005		SH
SA	1150	140 SCT E250 OVC	20			153	62	15	08	10		003		SH
SA	1252	140 SCT E250 OVC	20			149	63	16	08	05		002	617 1077	SH
SA	1350	140 SCT E250 OVC	20			143	63	15	11	10		999		SH
SA	1450	140 SCT E250 OVC	20			136	64	15	08	06		997		SH
SA	1553	E140 BKN 250 OVC	20			131	65	16	08	07		997	717 1077 65 RADAT 45103	HS
SA	1653	140 SCT 250 - BKN	20			127	65	15	09	09		996		HS
SA	1751	140 SCT 250 SCT	20			126	63	14	09	07		995		HS
SA	1852	140 SCT E250 BKN	20			131	59	16	09	07		996	502 1078	HS
SA	1951	140 SCT E250 BKN	20			136	57	16	09	08		998		HS
SA	2051	140 SCT E250 BKN	20			134	57	15	09	08		998		HS
SA	2152	250 SCT	20			134	56	15	07	09		998	105 1008 65	HS
SA	2250	250 SCT	20			135	50	18	04	03		998		HS
SA	2350	250 SCT	20			130	49	18	03	03		997		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 14 1986

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	26.640			25	0	0	Ci	250												0	8	.010			00-01
01 51	26.640			26	0															0					01-02
02 50	26.640			28	0															0					02-03
03 52	26.650			28	0	0	Ci	250												0	3	.010			03-04
04 56	26.650			30	8															8					04-05
05 55	26.660			29	10															10					05-06
06 56	26.670			28	10	3	Ac	180	7	Ci	E250	10								10	3	.040			06-07
07 53	26.670			21	10															10					07-08
08 51	26.665			22	10															10					08-09
09 51	26.660			21	10	3	Ac	140	7	Cs	E250	10								8	8	.010			09-10
10 59	26.640			17	10															7					10-11
11 50	26.620			16	10															7					11-12
12 52	26.610			16	10	5	Ac	140	5	Cs	E250	10								8	6	.050			12-13
13 50	26.590			15	10															8					13-14
14 50	26.570			15	10															8					14-15
15 53	26.560			15	10	6	Ac	E40	4	Cs	250	10								8	7	.050			15-16
16 53	26.550			14	7															7					16-17
17 51	26.545			15	5															4					17-18
18 52	26.555			18	9	4	Ac	140	5	Cs	E250	9								6	5	.005			18-19
19 51	26.570			20	8															5					19-20
20 51	26.570			19	8															5					20-21
21 52	26.570			20	2	2	Cs	250												2	1	.015			21-22
22 50	26.570			28	1															1					22-23
23 50	26.560			29	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 0348	X	0	0	X	49	45	X	X						X		
	0348	1	0	0	0	53	45		0								
	0746	2	0	0	0	58	45		0								
	1551	3	0	0	0	65	57		0								
	2150	4	0	0	0	65	54		0								
	MID.	X	0	0	0	56	48	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.660	26.560	26.570
BAROGRAPH 64	26.640	26.660	26.560	26.570
BAR. CORR. 65	+.010	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
65	45	0	0	0	16	N	0750					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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 AT: 0700 P ± 0 Sec./ 1855 P ± 0 Sec./ ± Sec.

0656 / 0656

SP=

RS=

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 15 1986

TO CONVERT LST TO GMT: ADD 9 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	0051	CLR	20			134	43	20	04	06		997	603 1008	HS
SA	0151	CLR	20			130	44	20	06	03		996		HS
SA	0251	CLR	20			127	43	21	01	07		995		HS
SA	0355	CLR	20			127	43	21	02	04		995	605 1008 42	SH
	—		—			—						—	RADAT 28099	—
SA	0453	250 -SCT	20			127	42	21	04	03		995		SH
SA	0551	250 -BKN	20			130	44	23	02	03		995		SH
SA	0655	E250 OVC	20			130	53	21	32	03		996	305 1077	SH
SA	0754	250 -BKN	20			132	58	19	12	04		997	FEW CU AC	SH
SA	0852	250 -BKN	20			126	63	21	17	03		996		SH
SA	0955	250 -BKN	20			115	70	24	18	14		994	807 1008 41	SH
SA	1052	250 -BKN	20			107	70	27	21	15	G22	991		SH
SA	1151	250 -BKN	20			104	71	18	22	14	G22	990		SH
SA	1251	250 -BKN	20			097	73	20	22	15		987	720 1008	SH
SA	1349	250 -BKN	20			091	75	18	22	15	G25	986		SH
SA	1448	140 SCT E250 OVC	20			087	72	18	22	18	G27	984		SH
SA	1555	140 SCT E250 BKN	20			077	72	22	23	16	G24	982	819 1078 75 RADAT 36100	HS
SA	1656	140 SCT 250-BKN	20			073	69	21	22	14		980		HS
SA	1750	140 SCT E250 OVC	20			066	68	24	22	15		978	FEW SC 5	HS
SA	1850	140 SCT E250 OVC	20			064	68	24	22	13		979	8 1NOVC W 508 1077	HS
SA	1951	140 SCT E250 OVC	20			075	63	24	23	09		982		HS
SA	2050	250-BKN	20			077	63	27	22	14		983		HS
SA	2152	250 - BKN	20			068	60	30	22	13		981	007 1008 75	HS
SA	2250	250- SCT	20			068	59	35	21	15	G22	981		HS
SA	2351	250 - SCT	20			076	57	31	22	15		983		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.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 15 1986

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	26.560			40	0	0	Cs	250												0	6	.010			00-01
01 51	26.550			38	0															0					01-02
02 51	26.545			41	0															0					02-03
03 53	26.545			42	0	0	Cs	250												0	6	.015			03-04
04 53	26.545			44	3															1					04-05
05 51	26.550			44	8															2					05-06
06 55	26.560			28	10	0	Ac	140	10	Cs	E250	10								7	3	.015			06-07
07 54	26.570			21	8															4					07-08
08 52	26.560			19	6															2					08-09
09 55	26.540			18	8	8	Cs	E250												4	3	.020			09-10
10 [illegible]	26.510			20	8															4					10-11
11 51	26.500			13	6															3					11-12
12 51	26.480			13	6	6	Cs	250												1	7	.060			12-13
13 49	26.470			12	6															3					13-14
14 48	26.450			13	10															8					14-15
15 55	26.425			15	9	2	Ac	140	7	Cs	E250	9								7	8	.055			15-16
16 56	26.410			16	8															4					16-17
17 50	26.390			18	10															9					17-18
18 50	26.400			19	10	0	Sc	70	2	Ac	140	2	8	Cs	E250	10				9	5	.025			18-19
19 51	26.430			22	10															10					19-20
20 50	26.440			26	7															3					20-21
21 52	26.420			31	8	8	Cs	250												2	0	.020			21-22
22 50	26.420			40	3															1					22-23
23 51	26.440			38	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 42	NO. 45	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		49	42										
	0351	1	0	0	0	56	42		0								
	0950	2	0	0	0	70	41		0								
	1553	3	0	0	0	75	68		0								
	2150	4	0	0	0	72	60		0								
	MID.		0	0	0	60	57										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1554	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.540	26.425	26.420
BAROGRAPH 64	26.540	26.530	26.425	26.420
BAR. CORR. 65	+.005	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 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
75	41	0	0	0	30	SW	1535					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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 AT: 0554P ±0 Sec./ 1854P ±0 Sec./ ± Sec.

1850/1850

SP=

RS=

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 1986

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

TYPE (1)	TIME (EST) (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)	OB. INITIALS (15)
SA	0051	CLR	20			068	55	29	22	18	G27	981	000 1008	HS
SA	0152	CLR	20			060	54	25	22	14	G22	979		HS
SA	0252	CLR	20			061	52	24	21	13		979		HS
SA	0355	CLR	20			063	52	27	21	19	G27	979	507 52 RADAT 44077	[illegible]
SA	0453	250 - SCT	20			080	50	28	24	10		983		[illegible]
SA	0550	250 - SCT	20			085	49	30	25	12		984	WND SHFTG GRDLY	[illegible]
SA	0650	E200 BKN 270 OVC	20			091	51	31	25	15		987	124 1007 (COR) 1557	[illegible]
SA	0758	E180 OVC	20			100	50	32	26	14		988		[illegible]
SA	0852	E150 OVC	20			104	51	33	26	10		989		[illegible]
SA	0952	150 SCT E 230 OVC	20			102	56	31	26	10		989	107 1027 48	[illegible]
SA	1050	E150 BKN 230 OVC	20			096	58	31	25	11		988	FEW CU SE	[illegible]
SA	1158	E150 OVC	20			092	60	31	25	08		987	FEW CU SE	[illegible]
SA	1252	70 SCT 150 SCT E 230 OVC	20			088	58	30	25	08		985	814 1127	[illegible]
SA	1352	E70 BKN 150 BKN 230 BKN	20			075	62	30	23	13		981	TCU RWO N TCU SE	[illegible]
SA	1450	E70 BKN 120 BKN 230 OVC	20			070	61	27	26	15		979	RWO NW TCU ALQDS	[illegible]
RS	1558	E60 OVC	20		RW-	085	52	37	31	20	G26	982	*RB20 * WSHFT 10	DC
/													APRNT FROPA / 50700	/
/													12// 62 RADAT60081	/
SA	1658	E60 OVC	20			096	50	36	36	15	G21	984	RE10 RWW NW	DC
SA	1746	E45BKN 100 OVC	20		RW-	100	49	37	02	14		986	RB30	DC
SA	1858	45 SCT E150 OVC	20			096	48	37	09	06		984	RE03 / 00700 121/	DC
SA	1955	200 - BKN	20			104	46	36	33	04		986		DC
SA	2057	200 - BKN	20			110	42	34	34	04		988		DC
SA	2153	200 - SCT	20			110	42	36	07	03		988	112 00 1001 62	DC
SA	2257	140 SCT	20			118	39	34	36	03		991		DC
SA	2356	CLR	20			122	40	32	24	03		992		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 16 1986

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	26.420			37	0	0	Cs	250												0	0	.000			00-01
01 52	26.400			32	0															0					01-02
02 52	26.395			32	0															0					02-03
03 55	26.400			38	0															0	5	.020			03-04
04 53	26.440			42	3															0					04-05
05 50	26.450			48	3															0					05-06
06 50	26.470			46	10	9	CS	E200	1	CS	270	10								9	1	.070			06-07
07 58	26.480			50	10															9					07-08
08 52	26.490			50	10															9					08-09
09 52	26.490			38	10	4	AS	150	6	CS	E230	10								7	1	.020			09-10
10 50	26.480			36	10															9					10-11
11 58	26.470			33	10															9					11-12
12 52	26.450			34	10	1	CU	70	1	AS	150	2	8	CS	E230	10				8	8	.040			12-13
13 52	26.420			30	6															6					13-14
14 50	26.400			27	10															10					14-15
15 58	26.430			57	10	10	CU	E60												10	5	.020			15-16
16 58	26.450			59	10															10					16-17
17 46	26.460			63	10															10					17-18
18 58	26.450			66	10	2	Cu	45	10	AS	E150	10								10	0	.020			18-19
19 55	26.465			68	8															3					19-20
20 57	26.480			73	8															4					20-21
21 53	26.485			79	1	1	CI	200												0	1	.035			21-22
22 57	26.505			82	3															3					22-23
23 56	26.520			73	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	57	52	X	X						X		
	0350	1	0	0	0	60	52		0								
	0947	2	0	0	0	56	48		0								
	1550	3	T	0	0	62	52		0								
	2147	4	T	0	0	52	42		0								
	MID.	X	0	0	0	43	38	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0952	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.490	26.430	26.485
BAROGRAPH 64	26.400	26.480	26.425	26.480
BAR. CORR. 65	±.0	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73 *	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	38	T	0	0	29	NW	1521					9	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1520	1610			
RW-	1730	1803			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1819

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

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

TIME CHECK - CLOCK AT: 0554P ±0 Sec./2200 ±0 Sec./ ± Sec.

0650P / 0757P APP CLD CD GP 1558/1558

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

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 1986

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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0057	CLR	20			126	38	33	10	03		993	114	DC
SA	0157	CLR	20			129	39	30	08	03		994		DC
SA	0258	CLR	20			135	36	25	05	05		996		DC
SA	0355	CLR	20			143	39	25	09	03		997	212 36 RADAT 44064	DC
SA	0458	CLR	20			152	37	25	28	05		999		DC
SA	0553	CLR	20			159	39	25	25	03		001		DC
SA	0655	CLR	20			162	49	24	29	07		003	220 1001	DC
SA	0750	CLR	20			166	51	23	33	07		004		DC
SA	0857	CLR	20			170	55	23	33	05		005	FEW CU CI	DC
SA	0950	CLR	20			165	56	22	22	05		004	FEW CU CI / 003 1101 36	DC
SA	1050	10 SCT 300 SCT	20			162	21	21	22	07		003		DC
SA	1157	E70 BKN 300 BKN	20			153	59	22	23	03		001		DC
SA	1252	E70 BKN 300 BKN	20			154	60	20	26	06		001	610 1101	DC
SA	1356	E70 BKN	20			144	63	18	28	11		999		DC
SA	1452	E 70 BKN	20			137	65	17	28	08		997		DC
SA	1557	70 SCT	20			131	64	15	31	08		996	VIRGA NE/ 617 1200	DC
													66 RADAT 31083	
SA	1658	70 SCT	20			133	64	12	29	12		996		DC
SA	1755	70 SCT	20			138	61	13	29	11		997		DC
SA	1854	CLR	20			140	55	15	31	06		998	308 1400	DC
SA	1952	CLR	20			151	51	16	00	00		001	FEW SC	DC
SA	2056	150 SCT	20			156	54	17	02	10		004		DC
SA	2154	E 120 BKN	20			164	53	23	03	10		006	224 1030 66	DC
SA	2255	120 SCT	20			171	52	27	02	15		008		DC
SA	2355	CLR	20			177	50	26	02	10		010	FEW AC	DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 17 1986

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	26.525			82	0															0	1	.040			00-01
01 57	26.540			70	0															0					01-02
02 58	26.550			64	0															0					02-03
03 55	26.560			57	0															0	2	.035			03-04
04 58	26.580			62	0															0					04-05
05 53	26.600			57	0															0					05-06
06 53	26.620			37	0	0	Ci	300												0	2	.060			06-07
07 50	26.630			33	0															0					07-08
08 57	26.640			29	0															0					08-09
09 50	26.630			27	0	0	Cu	70	0	Ci	300	0								0	0	.010			09-10
10 50	26.620			25	4															4					10-11
11 57	26.600			24	7															7					11-12
12 52	26.600			21	8	7	Cu	E70	1	Ci	300	8								8	6	.030			12-13
13 56	26.580			17	7															7					13-14
14 52	26.560			16	7															7					14-15
15 57	26.550			15	3	3	Cu	70												3	6	.050			15-16
16 58	26.550			13	4															4					16-17
17 55	26.560			15	1															1					17-18
18 54	26.575			20	0	0	SC	70												0	3	.025			18-19
19 52	26.600			25	0															0					19-20
20 56	26.625			23	1															1					20-21
21 54	26.645			31	6	6	AC	E120												6	2	.070			21-22
22 55	26.665			38	1															1					22-23
23 55	26.680			39	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	42	36	X	X						X		
	0350	1	0	0	0	43	36		0								
	0945	2	0	0	0	56	36		0								
	1550	3	0	0	0	66	56		0								
	2150	4	0	0	0	65	50		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.630	26.550	26.645
BAROGRAPH 64	26.550	26.630	26.555	26.645
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 BASE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	36	0	0	0	19	N	2304					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	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 1-MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK-CLOCK AT: 0605P ± 0 Sec./ 1930P ± 0 Sec./ ± Sec.

*BAROGRAPH CHANGED

** LAST OF SEVERAL OCCURRENCES

SP=

RS=

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 18 1986

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	0051	120 SCT	20			180	49	26	02	12		011	114 1030	DC
SA	0154	CLR	20			184	48	29	03	09		012		DC
SA	0254	CLR	20			188	47	27	03	07		013		DC
SA	0354	CLR	20			193	46	26	04	07		014	212 1030 46 RADAT 41067	[illegible]
SA	0454	CLR	20			200	45	25	04	09		016	SC SE	[illegible]
SA	0554	CLR	20			209	46	24	07	06		018		[illegible]
SA	0654	CLR	20			211	48	23	04	17		018	114 1401	[illegible]
SA	0755	CLR	20			220	51	23	03	18	622	021	FEW SC CI	[illegible]
SA	0855	CLR	20			218	54	21	03	11		021		[illegible]
SA	0950	300 SCT	20			218	55	20	02	13		021	107 1401 44	[illegible]
SA	1054	300-SCT	20			208	59	17	03	15		018		[illegible]
SA	1153	300-BKN	20			200	61	16	03	13		016		[illegible]
SA	1250	300-BKN	20			195	62	16	04	07		015	617 1001	[illegible]
SA	1351	300-OVC	20			185	64	14	36	14		013		[illegible]
SA	1454	E300 OVC	20			180	65	11	02	12		011		[illegible]
SA	1558	300-OVC	20			176	65	11	01	10		010	617 1007 66	DC
													RADAT 23086	
SA	1657	250-BKN	20			181	65	10	01	09		011		DC
SA	1757	250-SCT	20			185	63	8	01	07		012		DC
SA	1853	250-SCT	20			195	56	11	04	06		014	314 1008	DC
SA	1957	CLR	20			203	54	12	04	08		016		DC
SA	2055	250-SCT	20			206	51	12	03	04		017		DC
SA	2155	250-SCT	20			210	53	12	05	08		018	114 1008 66	DC
SA	2253	250-SCT	20			209	52	12	05	10		019		DC
SA	2357	250-SCT	20			215	51	12	10	03		021		DC

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

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

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

☆U.S.GPO:1984-0-764-008/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 18 1986

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	26.685			40	3	3	AC	120												3	1	.040			00-01
01 54	26.700			48	0															0					01-02
02 54	26.710			46	0															0					02-03
03 54	26.720			45	0	0	AC	140												0	2	.035			03-04
04 54	26.740			45	0															0					04-05
05 54	26.760			42	0															0					05-06
06 54	26.760			37	0	0	SC	50	0	CI	300	0								0	1	.040			06-07
07 55	26.780			33	0															0					07-08
08 55	26.780			27	0															0					08-09
09 50	26.780			25	2	0	SC	50	2	CI	300	2								2	1	.020			09-10
10 54	26.760			19	5															2					10-11
11 53	26.740			17	8															3					11-12
12 51	26.730			[illegible]	9	9	CI	[illegible]												3	6	.050			12-13
13 51	26.705			14	10															3					13-14
14 54	26.690			12	10															6					14-15
15 58	26.680			12	10	10	CS	300												4	6	.050			15-16
16 57	26.690			11	7															2					16-17
17 57	26.700			11	4															0					17-18
18 53	26.720			16	3	3	CS	250												0	3	.040			18-19
19 57	26.740			18	0															0					19-20
20 55	26.750			21	1															0					20-21
21 55	26.760			19	2	2	CS	250												0	1	.040			21-22
22 53	26.765			20	1															0					22-23
23 57	26.780			21	1															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	50	46	X	X						X		
	0350	1	0	0	0	53	46		0								
	0945	2	0	0	0	56	44		0								
	1561	3	0	0	0	66	55		0								
	2149	4	0	0	0	66	50		0								
	MID.	X	0	0	0	55	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1555	2152
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.780	26.680	26.760
BAROGRAPH 64	26.720	26.785	26.695	26.765
BAR. CORR. 65	0	-.005	-.015	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	44	0	0	0	25	NE	0736					5	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0507 SUNSET 1820

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

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

TIME CHECK - CLOCK AT: 0556P ± 0 Sec./12200 ± 0 Sec./ ± Sec.

SP=

RS=

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 1986

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)	OBS. SERVER'S INITIALS (15)
SA	0055	250 - SCT	20			205	53	13	03	14		018	000 1008	DC
SA	0157	250 - SCT	20			219	47	13	12	03		022		DC
SA	0252	CLR	20			220	50	15	04	09		023		DC
SA	0352	CLR	20			228	50	15	03	12		025	120 1008 47 RADAT 29088	[illegible]
SA	0450	270 - SCT	20			228	50	17	05	12		025		[illegible]
SA	0550	270 - SCT	20			238	51	18	05	10		027		[illegible]
SA	0650	270 - SCT	20			245	56	18	03	12	G17	030	314 1001	[illegible]
SA	0750	270 - SCT	20			248	59	19	02	09		031		[illegible]
SA	0850	270 - SCT	20			249	61	20	02	11		031		[illegible]
SA	0950	270 - SCT	20			245	65	20	02	12		031	103 1001 47	[illegible]
SA	1050	270 - BKN	20			241	68	18	36	09		030		[illegible]
SA	1150	E270 BKN	20			233	69	18	34	12		027		[illegible]
SA	1250	270 SCT	20			227	71	18	36	10		026	714 1001	[illegible]
SA	1352	270 SCT	20			221	73	18	04	08		024		[illegible]
SA	1450	270 SCT	20			208	74	18	01	10		021		[illegible]
SA	1557	270 - OVC	20			199	75	20	04	07		018	724 1007 75	DC
													RADAT 21121	
SA	1656	270 - OVC	20			199	75	20	06	08		018		DC
SA	1755	270 - OVC	20			201	71	18	10	09		018		DC
SA	1852	270 - OVC	20			205	68	18	10	06		020	303 1007	DC
SA	1952	CLR	20			211	65	19	11	05		022	FEW CI	DC
SA	2057	250 - SCT	20			216	58	20	05	05		023		DC
SA	2156	250 - OVC	20			216	56	20	04	03		023	110 1007 75	DC
SA	2257	250 - OVC	20			216	54	22	04	04		023		DC
SA	2354	250 - BKN	20			216	52	22	00	00		023		DC

A synoptic observation using WMO code FM-1-VII, as described in FMH-2, is entered on line following related Basic observation.

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 19 1986

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	26.760			20	1	1	CS	250												0	0	.000			00-01
01 57	26.790			25	1															0					01-02
02 52	26.800			24	0															0					02-03
03 52	26.820			24	0	0	CS	270												0	1	.060			03-04
04 50	26.820			27	3															0					04-05
05 50	26.840			27	3															0					05-06
06 50	26.860			22	2	2	CI	270												0	3	.040			06-07
07 50	26.870			21	3															0					07-08
08 50	26.870			20	4															1					08-09
09 50	26.870			18	3	3	CI	270												1	1	.010			09-10
10 50	26.860			15	7															2					10-11
11 50	26.840			14	7															4					11-12
12 50	26.830			13	4	4	CI	270												3	7	.040			12-13
13 52	26.810			13	4															3					13-14
14 50	26.780			12	3															2					14-15
15 57	26.760			13	10	10	CS	270												0	7	.070			15-16
16 56	26.760			13	10															1					16-17
17 55	26.760			13	10															0					17-18
18 52	26.770			15	10	10	CS	270												0	3	.010			18-19
19 52	26.790			17	0															0					19-20
20 57	26.800			23	5															0					20-21
21 56	26.800			24	10	10	CS	250												1	1	.030			21-22
22 57	26.800			28	10															1					22-23
23 54	26.800			31	8															2					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	X	0	0	X	53	47	X	X						X		
	0347	1	0	0	0	55	47		0								
	0945	2	0	0	0	66	47		0								
	1550	3	0	0	0	75	64	*	0								
	2149	4	0	0	0	75	56		0								
	MID.	X	0	0	0	56	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0950	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.820	26.870	26.760	26.800
BAROGRAPH 64	26.815	26.870	26.765	26.800
BAR. CORR. 65	+.005	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
75	47	0	0	0	17	NE	0655					5	5		

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 AT: 0530P ±0 Sec./ 2030P ±0 Sec./ ± Sec.

* LAST OF SEVERAL OCCURRENCES

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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 1986

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)	OBSERVER'S INITIALS (14)
SA	0057	250-BKN	20			211	53	21	06	04		022	803 1008	DC
SA	0152	CLR	20			211	52	22	08	03		022	FEW CI	DC
SA	0259	CLR	20			209	58	24	06	08		022		DC
SA	0355	CLR	20			208	57	27	05	08		022	400 51 RADAT 26120	RD
SA	0455	CLR	20			208	57	28	04	13		022		RD
SA	0552	250 - SCT	20			214	57	30	05	09		023		RD
SA	0656	250 - SCT	20			214	62	30	04	17		023	103 1008	RD
SA	0753	250 - SCT	20			215	65	30	03	15		024		RD
SA	0854	250 - SCT	20			205	70	30	02	14		023		RD
SA	0956	250 - SCT	20			206	74	31	02	07		021	807 1001 51	RD
SA	1052	250 - SCT	20			198	77	31	08	08		019		RD
SA	1154	250 - SCT	20			189	79	31	08	10		016		RD
SA	1252	250 - BKN	20			177	80	31	14	04		014	722 1008	RD
SA	1355	250 - BKN	20			166	81	31	17	10		011		RD
SA	1454	250 - BKN	20			157	83	32	36	07		009		RD
SA	1558	250 - SCT	20			155	83	31	12	07		008	619 1001 84 RADAT 20132	DC
SA	1655	250 - SCT	20			146	82	32	11	09		005		DC
SA	1757	250 - BKN	20			144	80	32	11	07		004		DC
SA	1848	250 - SCT	20			146	75	32	08	06		005	507 1001	DC
SA	1950	CLR	20			153	70	33	05	04		007	FEW CI	DC
SA	2055	250 - SCT	20			155	68	34	00	00		008		DC
SA	2155	CLR	20			155	62	34	00	00		008	107 84	DC
SA	2256	CLR	20			155	62	35	00	00		008		DC
SA	2356	CLR	20			155	58	34	10	04		008		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 20 1986

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	26.790			28	6	6	CS	250												1	8	.010			00-01
01 52	26.790			31	0															0					01-02
02 59	26.790			27	0															0					02-03
03 55	26.790			31	0															0	4	.000			03-04
04 55	26.790			33	0															0					04-05
05 52	26.800			36	1															0					05-06
06 56	26.800			30	2	2	CS	250												0	1	.010			06-07
07 53	26.805			27	2															0					07-08
08 54	26.800			23	2															0					08-09
09 56	26.780			21	2	2	CI	250												0	8	.020			09-10
10 52	26.765			19	3															0					10-11
11 54	26.735			17	3															1					11-12
12 52	26.715			17	7	7	CS	250												1	7	.065			12-13
13 55	26.685			16	7															1					13-14
14 54	26.670			16	7															1					14-15
15 58	26.660			15	4	4	CI	250												1	6	.055			15-16
16 55	26.640			16	4															1					16-17
17 57	26.630			18	6															1					17-18
18 48	26.640			21	5	5	CI	250												0	5	.020			18-19
19 50	26.650			25	0															0					19-20
20 55	26.660			28	1															0					20-21
21 55	26.660			35	0															0	1	.020			21-22
22 56	26.660			36	0															0					22-23
23 56	26.660			40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	60	51	X	X						X		
	0347	1	0	0	0	60	51		0								
	0951	2	0	0	0	74	56		0								
	1551	3	0	0	0	84	74		0								
	2149	4	0	0	0	83	62		0								
	MID.	X	0	0	0	64	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.780	26.660	26.660
BAROGRAPH 64	26.790	26.780	26.665	26.660
BAR. CORR. 65	±0	-.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
84	51	0	0	0	20	SE	1359					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

96. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0504 SUNSET 1822

TOTAL SUNSHINE (MIN.) | PERCENTAGE 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 AT: 0801 ±0 Sec./ 2000 P ±0 Sec./ ± Sec.

0854/0854

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6069

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 21 1986

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)	OB. INSERTER'S INITIALS (15)
SA	0050	CLR	20			149	59	34	00	00		006	805	DC
SA	0157	CLR	20			146	58	35	33	03		005		DC
SA	0248	CLR	20			146	58	35	00	00		005	FEW CI	DC
SA	0357	CLR	20			139	63	35	06	08		004	807 1001 57 RADAT 31129	RD
SA	0455	250 -SCT	20			138	65	34	05	08		004		RD
SA	0554	250 -SCT	20			144	66	36	05	09		005		RD
SA	0653	250 -SCT	20			144	70	37	04	10		005	105 1001	RD
SA	0754	250 -SCT	20			141	73	37	03	10		004		RD
SA	0852	250 -SCT	20			140	78	37	02	11		004		RD
SA	0956	250 -SCT	20			137	82	34	04	08		003	807 1001 56	RD
SA	1052	250 -SCT	20			129	85	34	09	09		002		RD
SA	1159	250 -SCT	20			117	86	30	11	09		998	FEW CU NW	RD
SA	1253	250 -SCT	20			111	86	27	14	08		996	FEW CU NW/725 1101	RD
SA	1352	250 -BKN	20			100	87	28	12	04		993	FEW CU	RD
SA	1458	250 -BKN	20			088	89	29	05	05		990		RD
SA	1553	250-BKN	20			078	88	30	02	03		988	CB NW/725 1301 90	SEA
SA	1653	250-BKN	20			075	87	30	25	06		987	CB DSNT NW	SEA
SA	1755	250-SCT	20			075	85	32	26	09		987	CB DSNT NW FEW SC SE	SEA
SA	1856	250-SCT	20			081	78	32	00	00		988	CB DSNT NW/ 500 1301	SEA
SA	1950	CLR	20			087	71	32	00	00		989		SEA
SA	2053	250-SCT	20			090	67	32	04	05		990		SEA
SA	2155	250-SCT	20			089	65	32	07	05		990	~~100~~ 107 1001 90	SEA
SA	2257	250-SCT	20			080	64	32	05	03		988		SEA
SA	2354	250-SCT	20			080	64	31	25	04		988		SEA

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

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

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

☆U.S.GPO:1984-0-784-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 21 1986

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 ENDING 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.645			39	0															0	8	.015			00-01
01 57	26.640			42	0															0					01-02
02 48	26.640			42	0															0					02-03
03 57	26.625			35	0	0	Cl	250												0	8	.020			03-04
04 55	26.630			32	3															0					04-05
05 54	26.640			33	3															0					05-06
06 53	26.640			30	2	2	Cl	250												0	1	.015			06-07
07 54	26.630			27	2															0					07-08
08 52	26.630			23	2															0					08-09
09 56	26.620			18	2	2	Cl	250												0	8	.020			09-10
10 52	26.605			17	3															0					10-11
11 54	26.570			13	3															0					11-12
12 53	26.555			12	3	0	CU	70	3	Cl	250	3								0	7	.065 .075			12-13
13 52	26.530			12	6															0					13-14
14 58	26.500			12	6															0					14-15
15 59	26.480			12	6	4	CB	70	6	Cl	250	6								0	7	.025			15-16
16 53	26.470			13	0															1					16-17
17 55	26.470			15	3															0					17-18
18 56	26.480			19	1	0	CB	70	1	Cl	250	1								0	5	.000			18-19
19 50	26.490			24	0															0					19-20
20 53	26.500			27	1															0					20-21
21 55	26.500			29	3	3	Cl	250												0	1	.020			21-22
22 57	26.480			30	1															0					22-23
23 54	26.480			29	2															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	63	57	X	X						X		
	0351	1	0	0	0	64	57		0								
	0952	2	0	0	0	82	56		0								
	1555	3	0	0	0	90	61		0								
	2152	4	0	0	0	89	65		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0955	1559	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.620	26.490	26.500
BAROGRAPH 64	26.630	26.620	26.485	26.485
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 UNHLTD (Ins.) 69	T/MN 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	56	0	0	0	17	NE	1008					4	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0503 SUNSET 1823

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

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

TIME CHECK-CLOCK AT: 0655 ± 0Sec./1807BST ± 0Sec./ ± Sec.

Changed Microbarograph at 0955 LST

2155/2155 1253P/HPP 722/0959P 5-2

SP=

RS=

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 1986

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)	OBSERVER'S INITIALS (15)
SA	0053	250-SCT	20			079	62	31	01	08		988	608 1001	SEA
SA	0152	250-SCT	20			072	62	32	08	05		986		SEA
SA	0255	250-SCT	20			071	59	32	06	04		985		SEA
SA	0355	250-SCT	20			074	57	32	00	00		985	505 1001 56	
													RADAT 42125	CH
SA	0455	250-SCT	20			075	56	32	03	04		985		CH
SA	0555	250-BKN	20			082	60	33	00	00		987		CH
SA	0655	250-BKN	20			084	64	33	09	04		987	307 1001	CH
SA	0755	250-BKN	20			083	72	33	00	00		987		CH
SA	0855	250-BKN	20			079	77	34	25	04		986		CH
SA	0955	250-BKN	20			078	80	33	26	12		986	803 1001 55	CH
SA	1050	250-BKN	20			074	82	31	26	14		985		CH
SA	1150	250-BKN	20			065	85	30	26	14		983		CH
SA	1250	250-BKN	20			065	85	28	25	14		983	610 1101	CH
SA	1350	250-BKN	20			050	85	26	23	15	G23	979		CH
SA	1450	250-BKN	20			046	83	26	23	17	G28	976		CH
SA	1553	90 SCT 250-BKN	20			040	83	21	23	15	G24	975	627 1402 86 RADAT 40113	SEA
SA	1653	90 SCT E250 BKN	20			036	82	15	24	20	G24	974		SEA
SA	1755	90 SCT E250 BKN	20			040	79	11	24	17	G24	975		SEA
SA	1851	90 SCT E250 BKN	20			043	75	11	24	11		976	303 1402	SEA
SA	1953	120 SCT	20			049	72	10	24	13		978		SEA
SA	2052	120 SCT 250 SCT	20			055	68	15	23	07		981		SEA
SA	2155	250-BKN	20			050	67	15	17	06		979	FEW AC/ 010 1031 86	SEA
SA	2250	250-BKN	20			050	67	20	25	03		979		SEA
SA	2356	250-SCT	20			048	67	21	32	06		979		SEA

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

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

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

☆U.S.GPO:1984-0-764-006/5085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 22 1980

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	26.475			31	1	1	CI	250												0	6	.005			00-01
01 52	26.460			32	2															0					01-02
02 55	26.455			36	2															0					02-03
03 55	26.460			39	4	4	CI	250												0	5	.015			03-04
04 55	26.460			40	4															0					04-05
05 55	26.480			36	7															1					05-06
06 55	26.480			31	7	7	CI	250												1	3	.020			06-07
07 55	26.480			24	7															1					07-08
08 55	26.470			21	8															2					08-09
09 55	26.470			18	9	9	CI	250												3	8	.010			09-10
10 50	26.460			16	9															3					10-11
11 50	26.440			14	9															4					11-12
12 50	26.440			13	8	0	CU	70	8	CI	250	8								3	6	.030			12-13
13 50	26.400			12	8															3					13-14
14 50	26.380			12	9															1					14-15
15 53	26.360			10	6	3	SC	90	4	CI	250	6								3	6	.080			15-16
16 53	26.350			8	6															4					16-17
17 55	26.360			7	6															4					17-18
18 57	26.370			8	6	4	SC	90	2	CI	250	6								4	3	.010			18-19
19 53	26.390			9	4															4					19-20
20 52	26.410			13	2															1					20-21
21 55	26.400			14	8	0	AC	140	8	CI	250	8								0	0	.030			21-22
22 57	26.400			16	8															0					22-23
23 56	26.400			17	3															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	56										
	0349	1	0	0	0	65	56		0								
	0949	2	0	0	0	80	55		0								
	1553	3	0	0	0	86	80		0								
	2153	4	0	0	0	85	67		0								
	MID.		0	0	0	68	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1553	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.470	26.360	26.400
BAROGRAPH 64	26.450	26.460	26.355	26.395
BAR. CORR. 65	+.010	+.010	+.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	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	55	0	0	0	30	SW	1555					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0501 SUNSET 1824

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

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

TIME CHECK-CLOCK AT: 0759 ± 0 Sec./ 1324 PST ± 0 Sec./ ± Sec.

SP=

RS=

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 23 1986

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. SENSORS OPERATED (15)
SA	0053	250-SCT	20			049	59	21	01	06		978	803 1001	SEA
SA	0156	250-SCT	20			049	59	25	36	04		978		SEA
SA	0253	250-SCT	20			054	58	22	01	08		979		SEA
SA	0353	250-SCT	20			060	54	24	01	07		980	207 1001 54 RADAT 3111A	CH
SA	0453	250-SCT	20			065	52	24	35	07		981		CH
SA	0553	250-SCT	20			068	56	29	03	05		982		CH
SA	0653	250-SCT	20			075	64	32	25	10		984	314 1001	CH
SA	0750	250-SCT	20			071	66	31	25	15		983		CH
SA	0850	250-SCT	20			071	71	32	24	15		983		CH
SA	0950	250-SCT	20			075	72	34	22	16		984	500 1001 52	CH
SA	1050	250-SCT	20			073	75	34	23	16	G23	984		CH
SA	1150	250-SCT	20			065	75	33	23	16	G25	982		CH
SA	1250	250-SCT	20			061	75	34	23	17	G26	980	814 1101	CH
SA	1350	250-SCT	20			053	77	34	23	17	G26	978		CH
SA	1450	250-SCT	20			045	77	33	23	17	G24	975		CH
SA	1553	E250 BKN	20			034	77	25	23	17	G27	972	FEW CU/ 865 1102 78 RADAT 20113	SEA
SA	1653	E200 BKN	20			033	75	15	23	17	G26	972		SEA
SA	1752	E200 BKN	20			030	74	10	23	13	G27	971	FEW CU NW	SEA
SA	1851	E200 BKN	20			029	72	13	24	13	G21	970	502 1002	SEA
SA	1953	E200 OVC	20			038	69	24	24	15	G23	974		SEA
SA	2053	E200 OVC	20			041	68	28	24	16	G23	975		SEA
SA	2155	E200 OVC	20			036	67	22	23	15	G23	974	607 1002 78	SEA
SA	2256	200-BKN	20			027	66	28	E20	21	G30	972	WND DIR IN ONLY EST	SEA
SA	2355	200-BKN	20			026	65	26	E20	23	G38	971	AK WND 2436/47 WND DIR IN ONLY EST	SEA

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

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

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

☆U.S.GPO:1984-0-764-006/6065

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 23 1986

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	26.390			23	3	3	C1	250												0	8	.010			00-01
01 56	26.390			27	3															0					01-02
02 53	26.400			25	3															0					02-03
03 53	26.410			31	3	3	C1	250												0	2	.020			03-04
04 53	26.420			33	4															0					04-05
05 53	26.430			35	4															0					05-06
06 53	26.450			30	4	4	C1	250												0	3	.040			06-07
07 50	26.440			27	4															0					07-08
08 50	26.440			24	2															0					08-09
09 50	26.450			25	2	2	C1	250												0	5	.000			09-10
10 50	26.450			22	2															0					10-11
11 50	26.430			22	1															0					11-12
12 50	26.410			22	1	D	C4	90	1	C1	250	1								0	8	.040			12-13
13 50	26.390			21	3															0					13-14
14 50	26.370			20	4															0					14-15
15 57	26.335			14	6	0	C4	80	6	C1	E250	6								5	8	.075			15-16
16 53	26.330			10	9															8					16-17
17 52	26.325			8	9															8					17-18
18 51	26.330			11	9	9	C1	E200												7	5	.005			18-19
19 53	26.350			18	10															9					19-20
20 55	26.365			21	10															9					20-21
21 55	26.350			17	10	10	C1	E200												6	0	.020			21-22
22 56	26.330			24	8															4					22-23
23 55	26.325			22	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	67	54	X	X						X		
	0348	1	0	0	0	68	54		0								
	0948	2	0	0	0	72	52		0								
	1552	3	0	0	0	78	72		0								
	2151	4	0	0	0	77	67		0								
	MID.	X	0	0	0	67	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1552	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.450	26.335	26.350
BAROGRAPH 64	26.400	26.435	26.330	26.345
BAR. CORR. 65	+.010	+.015	+.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	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	52	0	0	0	38	S	2347					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0500 SUNSET 1825

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

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

TIME CHECK - CLOCK AT: 0659 ± 0 Sec./ 2236PST ± 0 Sec./ ± Sec.

E(200C(WEETN ONCH) INOR SUPPORT

2256/2256

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED.

☆ U.S.GPO:1983-0-784-006/6069

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 24 1986

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. INDICATORS (15)
SA	0057	200-BKN	20			028	64	24	E19	27	G34	972	FEW CU E/PK WND 2037/18	SEA
/	/											/	*507 1102* WND DIRCTN ONLY EST	/
SA	0157	200-BKN	20			034	63	28	E19	18	G25	973		SEA
SA	0257	200-BKN	20			032	61	29	E20	25	G34	973		SEA
SA	0350	200-BKN	20			036	61	21	E20	18	G27	973	207 1002 61	CH
/													RADAT 20112	/
SA	0450	200-BKN	20			044	61	21	E20	16	G29	975		CH
SA	0550	200-BKN	20			053	60	20	E20	10		9878		CH
SA	0650	200-BKN	20			060	62	21	E21	14	G20	980	220 1002	CH
SA	0750	200-BKN	20			070	63	22	E21	14	G20	982		CH
SA	0850	200-BKN	20			078	64	21	E21	15	G20	984	CU N	CH
SA	0950	200-SCT	20			086	65	21	E21	14	G19	986	CU N/2201102 60	CH
SA	1050	200-SCT	20			084	68	19	E22	15	G21	986	CU N	CH
SA	1150	200-SCT	20			084	70	22	23	15		986	CU N	CH
SA	1250	50 SCT	20			079	70	24	20	11	G22	985	803 1200	CH
SA	1350	50 SCT	20			076	72	26	22	12	G21	984		CH
SA	1450	50 SCT	20			072	73	24	20	10	G18	983		CH
SA	1549	50 SCT	20			075	72	22	21	11		983	607 1100 74 RADAT 35896	AO
SA	1649	CLR	20			075	72	21	22	08		983		AO
SA	1749	CLR	20			068	70	19	19	13		981		AO
SA	1849	250 SCT	20			060	67	18	18	08		979	814 1001	AO
SA	1949	250 SCT	20			067	67	22	19	15		981		AO
SA	2049	250 SCT	20			068	66	24	22	16		981		AO
SA	2149	250 ~~SCT~~-BKN	20			068	65	24	24	15		981	107 1001 74	AO
SA	2249	250-SCT	20			060	63	18	17	10		979		AO
SA	2349	CLR	20			059	62	20	22	10		979		AO

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

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

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

☆U.S.GPO:1984-0-784-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 24 1986

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	26.330			22	7	0	Cu	90	7	Cl	200	7								3	5	.020			00-01
01 54	26.345			26	8															4					01-02
02 57	26.340			29	8															4					02-03
03 50	26.350			21	8	8	Cl	200												3	2	.020			03-04
04 50	26.370			21	8															3					04-05
05 50	26.390			21	8															3					05-06
06 50	26.410			21	8	8	Cl	200												3	2	.060			06-07
07 50	26.430			21	7															3					07-08
08 50	26.450			19	7															3					08-09
09 50	26.470			18	4	0	Cu	70	4	Cl	200	4								1	2	.060			09-10
10 50	26.470			15	4															1					10-11
11 50	26.470			16	4															1					11-12
12 50	26.460			18	1	1	Cu	50												1	8	.010			12-13
13 50	26.450			18	1															1					13-14
14 50	26.440			16	1															1					14-15
15 49	26.440			15	1	1	Cu	50												1	6	.020			15-16
16 49	26.440			15	0															0					16-17
17 49	26.420			14	0															0					17-18
18 49	26.400			15	2	2	Cl	250												2	8	.040			18-19
19 49	26.420			18	2															2					19-20
20 49	26.420			20	2															2					20-21
21 49	26.420			21	6	6	Cl	250												2	1	.020			21-22
22 49	26.400			17	2															0					22-23
23 49	26.400			20	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	65	61	X	X						X		
	0348	1	0	0	0	67	61		0								
	0948	2	0	0	0	66	60		0								
	1545	3	0	0	0	74	65		0								
	2145	4	0	0	0	73	64		0								
	MID.	X	0	0	0	65	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.470	26.440	26.420
BAROGRAPH 64	26.340	26.460	26.430	26.400
BAR. CORR. 65	+.010	+.010	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	DEPTH 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 MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
74	60	0	0	0	37	5	0018					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0459 SUNSET 1826

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

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

TIME CHECK-CLOCK AT: 0759 ± 0 Sec./ ± Sec./ ± Sec.

CONT F420C (DIRECTION ONLY) INOP IN SERVICE 1030P

0550/0550

2149/2149.

SP=

RS=

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 25 1986

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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0049	CLR	20			068	60	20	22	11		980	500	AD
SA	0149	CLR	20			068	58	22	24	14		980		AD
SA	0249	CLR	20			060	58	21	25	12		979		AD
SA	0349	CLR	20			061	56	25	24	12		979	607 SC RADAT 4/106	AD
SA	0450	CLR	20			069	54	30	28	10		981		CH
SA	0550	CLR	20			081	55	31	28	06		984		CH
SA	0650	CLR	20			081	58	32	29	10		984	117	CH
SA	0750	250-BKN	20			080	61	32	24	14		984		CH
SA	0850	250-BKN	20			078	63	32	22	15	G20	984		CH
SA	0950	250-BKN	20			074	66	31	22	16	G21	983	803 1001 53	CH
SA	1050	250-BKN	20			067	69	32	22	16	G28	981		CH
SA	1150	250-BKN	20			055	70	32	23	15	G22	978		CH
SA	1250	250-BKN	20			055	70	32	21	16	G25	978	617 1001	CH
SA	1350	250-BKN	20			044	72	34	23	16	G23	974		CH
SA	1450	250-SCT	20			032	73	34	22	16		971		CH
SA	1550	250-SCT	20			028	73	33	23	14	G20	970	724 1101 73 RADAT 42106	CH
SA	1649	250-SCT	20			022	73	32	21	14		968		AD
SA	1749	250-SCT	20			020	71	32	23	14		967		AD
SA	1849	250 SCT	20			030	69	30	23	11		970	500 1002	AD
SA	1949	250 SCT	20			038	67	29	23	12		972		AD
SA	2049	250 SCT	20			054	63	22	02	12		976		AD
SA	2149	250 SCT	20			065	60	15	02	15		980	230 1002 73	AD
SA	2249	250-SCT	20			074	58	17	02	14		982		AD
SA	2349	250-SCT	20			091	55	23	07	10		987		AD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: APR 25 1986

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 49	26.400			21	0															0	5	.000			00-01
01 49	26.420			25	0															0					01-02
02 49	26.400			24	0															0					02-03
03 49	26.400			27	0															0	6	.020			03-04
04 50	26.420			40	0															0					04-05
05 50	26.450			40	0															0					05-06
06 50	26.450			37	0															0	1	.050			06-07
07 50	26.450			33	7															1					07-08
08 50	26.450			31	7															1					08-09
09 50	26.440			27	9	9	CI	250												4	8	.010			09-10
10 50	26.420			28	9															4					10-11
11 50	26.390			25	9															3					11-12
12 50	26.390			25	9	9	CI	250												3	6	.050			12-13
13 50	26.360			25	9															3					13-14
14 50	26.330			24	4															0					14-15
15 50	26.320			23	4	0	CU	70	4	CI	250	4								0	7	.070			15-16
16 49	26.300			22	3															0					16-17
17 49	26.290			24	3															0					17-18
18 49	26.320			23	5	5	CI	250												4	5	.000			18-19
19 49	26.340			24	4															3					19-20
20 49	26.380			21	3															2					20-21
21 49	26.410			17	2	2	CI	250												2	2	.090			21-22
22 49	26.420			20	1															0					22-23
23 49	26.480			29	1															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 0345		0	0		62	56										
	0345	1	0	0	0	65	56		0								
	0948	2	0	0	0	66	53		0								
	1548	3	0	0	0	73	65		0								
	2150	4	0	0	0	73	60		0								
	MID.		0	0	0	60	55										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1548	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.400	26.440	26.320	26.410
BAROGRAPH 64	26.420	26.430	26.320	26.400
BAR. CORR. 65	+.020	+.010	± 0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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
73	53	0	0	0	28	SW	1041					6	4		

WEATHER & OBSTRUCTIONS TO VISION

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

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

TIME CHECK - CLOCK AT: 0759 ±0 Sec./ ± Sec./ ± Sec.

*Barograph changed and reset

SP=

RS=

MF1-10A (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 26 1986

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 INITIALS (15)
SA	0049	250 - SCT	20			094	53	25	04	12		987	124 1001	AD
SA	0149	250 SCT	20			092	52	24	05	11		987		AD
SA	0249	250 SCT	20			100	51	25	06	12		990		AD
SA	0350	250 SCT	20			115	49	24	04	12		993	317 1001 49 RAOAT 34079	CH
SA	0450	250 SCT	20			122	47	24	03	10		995		CH
SA	0550	250 SCT	20			126	48	25	02	08		996		CH
SA	0650	CLR	20			133	52	24	03	05		998	217	CH
SA	0750	CLR	20			137	54	21	04	07		999		CH
SA	0850	CLR	20			142	56	21	04	10		001		CH
SA	0950	CLR	20			146	58	20	05	12	G18	002	210 45	CH
SA	1050	CLR	20			141	61	13	01	15	G25	001		CH
SA	1150	CLR	20			138	62	11	31	12	G22	999		CH
SA	1250	CLR	20			140	63	11	35	12	G19	999	607	CH
SA	1350	CLR	20			144	63	16	05	14	G20	001		CH
SA	1450	250 SCT	20			145	63	16	04	12	G20	001		CH
SA	1549	250 SCT	20			137	64	15	03	16		998	803 1002 64 RAOAT 33082	AD
SA	1649	250 SCT	20			140	63	13	05	11		998		AD
SA	1749	250 - BKN	20			140	61	10	07	13		998		AD
SA	1849	250 - BKN	20			154	59	08	06	10		003	314 1001	AD
SA	1949	250 - SCT	20			158	57	08	05	11		004		AD.
SA	2049	250 - SCT	20			161	55	05	06	10		005		AD
SA	2149	250 - SCT	20			166	52	06	05	07		006	210 1001 64	AD
SA	2249	250 - SCT	20			165	51	07	05	09		006		AD
SA	2349	250 - SCT	20			165	50	10	04	10		006		AD

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 26 1986

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 49	26.480			33	1	1	Ci	250												0	1	.070			00-01
01 49	26.480			32	3															2					01-02
02 49	26.500			36	3															3					02-03
03 50	26.530			37	4	4	Ci	250												3	3	.050			03-04
04 50	26.550			40	4															3					04-05
05 50	26.560			40	1															1					05-06
06 50	26.580			33	0															0	2	.050			06-07
07 50	26.590			27	0															0					07-08
08 50	26.600			25	0															0					08-09
09 50	26.610			23	0															0	2	.050			09-10
10 50	26.600			15	0															0					10-11
11 50	26.590			13	0															0					11-12
12 50	26.590			13	0															0	6	.020			12-13
13 50	26.600			16	0															0					13-14
14 50	26.600			16	2															2					14-15
15 49	26.580			15	3	3	Ci	250												3	8	.010			15-16
16 49	26.580			14	3															3					16-17
17 49	26.580			13	7															3					17-18
18 49	26.620			13	6	6	Ci	250												2	3	.040			18-19
19 49	26.630			14	5															2					19-20
20 49	26.640			13	4															1					20-21
21 49	26.650			15	3	3	Ci	250												1	2	.030			21-22
22 49	26.650			16	2															0					22-23
23 49	26.650			20	1															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	55	49	X	X						X		
	0348	1	0	0	0	60	49		0								
	0947	2	0	0	0	58	45		0								
	1545	3	0	0	0	64	58		0								
	2145	4	0	0	0	64	52		0								
	MID.	X	0	0	0	52	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.610	26.580	26.650
BAROGRAPH 64	26.510	26.600	26.580	26.650
BAR. CORR. 65	+.020	+.010	±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 UNALTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
64	45	0	0	0	26	N	1256					1	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 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 AT: 0810 ±0 Sec./ ± Sec./ ± Sec.

SP=

RS=

MF1-10B (10-83) SUPERSEDES MF1-10B (1-82) WHICH MAY BE USED. ☆U.S.GPO:1983-0-764-006/6069

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 1986

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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0049	CLR	20			165	49	11	05	08		006	400	AO
SA	0149	CLR	20			173	48	12	05	10		008		AO
SA	0249	CLR	20			176	49	12	05	12		009		AO
SA	0353	CLR	20			176	48	12	07	07		010	110 47 RADAT 50109	SEA
SA	0452	250 - SCT	20			180	49	14	04	10		011	FEW AC	SEA
SA	0552	250 - SCT	20			184	51	16	04	08		013		SEA
SA	0652	250 - SCT	20			184	53	17	03	10		013	107 1001	SEA
SA	0753	250 - SCT	20			185	57	17	36	10		013		SEA
SA	0852	250 - SCT	20			181	62	16	06	03		013		SEA
SA	0952	250 - SCT	20			180	66	14	12	05		013	000 1001 47	SEA
SA	1053	250 - SCT	20			168	68	15	21	05		009		SEA
SA	1153	250 - SCT	20			163	71	16	32	03		008		SEA
SA	1253	250 - BKN	20			160	73	18	21	06		007	617 1001	SEA
SA	1354	250 - BKN	20			151	75	19	30	07		005		SEA
SA	1457	250 - BKN	20			142	76	19	22	08		003		SEA
SA	1552	250 - BKN	20			140	76	21	25	10		001	617 1001 76 RADAT 56122	AO
SA	1650	250 - BKN	20			140	75	22	25	08		001		AO
SA	1750	250 - SCT	20			130	74	21	27	09		998		AO
SA	1900	CLR	20			138	66	20	02	04		999	503	AO
SA	1949	CLR	20			134	63	20	36	04		998		AO
SA	2049	CLR	20			129	67	18	14	05		998		AO
SA	2151	CLR	20			133	61	19	09	08		999	500 76	AO
SA	2255	CLR	20			128	59	19	06	05		998		AO
SA	2310	CLR	20			125	57	19	01	05		997		AO

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 27 1986

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 49	26.650			21	0															0	4	.000			00-01
01 49	26.670			23	0															0					01-02
02 49	26.680			22	0															0					02-03
03 53	26.680			23	0															0	1	.030			03-04
04 56	26.690			25	1															0					04-05
05 54	26.700			25	1															0					05-06
06 52	26.700			23	1	1	CI	250												0	1	.020			06-07
07 53	26.705			21	2															1					07-08
08 52	26.700			17	5															1					08-09
09 52	26.700			13	5	5	CI	250												1	0	.000			09-10
10 53	26.670			13	3															1					10-11
11 53	26.660			12	2															0					11-12
12 53	26.650			12	6	6	CI	250												1	6	.050			12-13
13 54	26.630			12	6															1					13-14
14 57	26.610			12	6															1					14-15
15 52	26.600			13	6	6	CI	250												2	6	.050			15-16
16 50	26.600			14	6															2					16-17
17 50	26.580			14	2															1					17-18
18 00	26.590			17	0															0	5	.010			18-19
19 49	26.580			19	0															0					19-20
20 49	26.580			15	0															0					20-21
21 51	26.590			19	0															0	5	.000			21-22
22 55	26.580			21	0															0					22-23
23 50	26.570			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	52	47	X	X						X		
	0350	1	0	0	0	52	47		0								
	0950	3	0	0	0	66	48		0								
	1551	3	0	0	0	76	66		0								
	2150	8	0	0	0	76	58		0								
	MID.	X	0	0	0	62	55	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0902	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.700	26.600	26.590
BAROGRAPH 64	26.680	26.700	26.605	26.600
BAR. CORR. 65	±0	±0	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	YRLY SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	47	0	0	0	16	NE	0242					4	2		

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

TIME CHECK - CLOCK AT: 0435P ±0 Sec./ 2255P ±0 Sec./ ± Sec.

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

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 28 1986

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. REFERENCE INITIALS (15)
SA	0050	CLR	20			124	58	18	11	04		997	607	008
SA	0150	CLR	20			124	52	21	04	07		997		008
SA	0250	CLR	20			125	52	20	36	04		997		008
SA	0356	CLR	20			123	50	20	32	03		997	703 20 RAHAT 50120	SEA
SA	0454	CLR	20			120	49	21	03	03		996	FEW CU DSNT NW CI DSNT SW	SEA
SA	0554	CLR	20			120	55	23	01	05		997	FEW CI DSNT NW	SEA
SA	0655	CLR	20			123	60	23	23	04		997	FEW CI DSNT NW-N / 500 1002	SEA
SA	0753	CLR	20			120	68	22	24	04		997	FEW CI	SEA
SA	0853	CLR	20			116	71	22	27	05		997	FEW CI	SEA
SA	0953	CLR	20			110	74	22	23	09		995	FEW CI / 807 1002 48	SEA
SA	1054	CLR	20			101	77	30	26	05		993	FEW CI DSNT NW-N	SEA
SA	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	31	23	17	G24	988	FEW CI DSNT W-N	SEA
SA	1255	CLR	20			078	82	31	21	14	G25	986	FEW CI NW / 727 1002	SEA
SA	1357	CLR	20			072	83	30	21	13	G24	984	FEW CI NW	SEA
SA	1452	CLR	20			065	83	28	21	20	G25	982	FEW CI NW	SEA
SA	1551	CLR	20			059	82	28	21	14	G19	979	720 1001 84 RADAT 20139	008
SA	1652	CLR	20			048	83	28	20	15	G20	975		008
SA	1753	CLR	20			036	83	23	22	14	G19	973		008
SA	1849	CLR	20			037	79	20	22	10	G16	973	617 1001	008
SA	1955	CLR	20			042	75	22	19	09		975		008
SA	2052	CLR	20			042	73	20	25	10	G19	975		008
SA	2151	CLR	20			041	72	20	21	15	G22	975	107 84	008
SA	2255	CLR	20			030	72	22	20	16	G22	973		008
SA	2345	CLR	20			031	70	26	23	12	G20	973		008

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.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 28 1986

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	26.570			21	0															0	6	.020			00-01
01 50	26.565			29	0															0					01-02
02 50	26.570			28	0															0					02-03
03 56	26.560			30	0															0	7	.010			03-04
04 54	26.550			32	0															0					04-05
05 54	26.560			28	0															0					05-06
06 55	26.560			24	0	0	Ci	250												0	5	.000			06-07
07 53	26.560			17	0															0					07-08
08 53	26.560			16	0															0					08-09
09 53	26.540			14	0	0	Ci	250												0	8	.020			09-10
10 54	26.520			18	0															0					10-11
11 53	26.480			17	0															0					11-12
12 55	26.460			16	0	0	Ci	250												0	7	.080			12-13
13 57	26.440			15	0															0					13-14
14 52	26.420			14	0															0					14-15
15 51	26.400			14	0	0	Ci	250												0	7	.060			15-16
16 52	26.370			13	0															0					16-17
17 53	26.350			11	0															0					17-18
18 49	26.350			11	0	0	Ci	250												0	6	.050			18-19
19 55	26.370			14	0															0					19-20
20 52	26.370			13	0															0					20-21
21 51	26.370			14	0															0	1	.020			21-22
22 55	26.350			15	0															0					22-23
23 45	26.350			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 0852	X	0	0	X	58	50	X	X						X		
	0852	1	0	0	0	62	50		0								
	0951	2	0	0	0	74	48		0								
	1550	3	0	0	0	84	74		0								
	2150	4	0	0	0	83	72		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0856	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.540	26.400	26.370
BAROGRAPH 64	26.565	26.540	26.420	26.380
BAR. CORR. 65	-.005	±0	+.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	48	0	0	0	47	NW	1414P					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 0454 SUNSET 1829

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

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

TIME CHECK - CLOCK AT: 0610P58 ±0 Sec./ 1654P @0 Sec./ ± Sec.

1955/1955

SP=

RS=

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 1986

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 (09=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			029	69	26	24	10		973	607	008
SA	0155	250-SCT	20			034	68	28	25	09		975		008
SA	0250	250-SCT	20			039	65	29	03	06		975		008
SA	0357	CLR	20			050	61	30	01	11		978	315 60 RAOAT 27116	SEN
SA	0457	CLR	20			058	61	32	01	08		981	FEW AC/CI	SEN
SA	0556	CLR	20			068	63	34	29	05		984	CCSL SE	SEN
SA	0657	CLR	20			078	66	35	25	06		987	CCSL SE/ 225 1009	SEN
SA	0754	CLR	20			083	68	38	27	07		988		SEN
SA	0857	CLR	20			085	70	38	22	08		989		SEN
SA	0954	CLR	20			082	73	38	12	04		988	003 58	SEN
SA	1054	CLR	20			077	76	37	30	07		987	FEW CU UNTNS SE	SEN
SA	1155	CLR	20			073	78	36	26	06		986	FEW CU/CI	SEN
SA	1253	CLR	20			070	78	36	23	08		985	FEW CU/CI/ 710 1101	SEN
SA	1355	250-BKN	20			062	80	34	21	07		983	FEW CU	SEN
SA	1453	250-BKN	20			059	80	35	23	09		982	FEW CU	SEN
SA	1551	250-BKN	20			058	80	35	30	08		980	614 1101 82 RAOAT SOL 114/26 130	008
SA	1653	250-BKN	20			063	78	34	27	10		981		008
SA	1755	250-BKN	20			059	77	31	25	06		980		008
SA	1849	250-SCT	20			063	73	31	25	04		981	203 1001	008
SA	1952	CLR	20			064	69	31	03	04		981		008
SA	2050	CLR	20			070	68	29	34	04		983		008
SA	2150	CLR	20			074	67	29	34	05		984	310 82	008
SA	2250	CLR	20			071	68	22	20	06		984		008
SA	2350	CLR	20			078	61	23	03	07		985		008

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 29 1986

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	26.330			20	0															0	6	.020			00-01
01 55	26.365			22	3															0					01-02
02 50	26.370			26	3															0					02-03
03 57	26.395			30	0															0	3	.045			03-04
04 57	26.415			34	0															0					04-05
05 56	26.445			34	0															0					05-06
06 57	26.470			30	0	0	CCSL	180												0	2	.075			06-07
07 54	26.480			33	0															0					07-08
08 51	26.485			31	0															0					08-09
09 54	26.480			28	0															0	0	.010			09-10
10 54	26.470			25	0															0					10-11
11 55	26.460			23	0															0					11-12
12 53	26.450			23	0	0	CU	100	0	CI	250	0								0	7	.030			12-13
13 55	26.430			19	8															1					13-14
14 53	26.420			20	7															1					14-15
15 51	26.410			20	8	0	CU	80	8	CI	250	8								3	6	.040			15-16
16 52	26.420			20	8															3					16-17
17 55	26.440			19	0															0					17-18
18 49	26.420			21	2	2	CI	250												1	2	.010			18-19
19 52	26.420			24	0															0					19-20
20 50	26.440			23	0															0					20-21
21 50	26.450			24	0															0	3	.030			21-22
22 50	26.450			17	0															0					22-23
23 50	26.460			23	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	0	0	X	70	60	X	X						X		
	0353	1	0	0	0	73	60		0								
	0952	2	0	0	0	73	58		0								
	1550	3	0	0	0	82	73		0								
	2149	4	0	0	0	80	64		0								
	MID.	X	0	0	0	68	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.395	26.460	26.440	26.460
BAROGRAPH 64	26.405	26.465	26.445	26.465
BAR. CORR. 65	-.010	-.005	+.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	*/Min 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	58	0	0	0	19	SW	0052					3	2		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1830

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

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

TIME CHECK - CLOCK AT: 0838PST ± 0 Sec./ 1555P ± 0 Sec./ ± Sec.

1054 / 1052 (TIME)

SP=

RS=

WEATHER & OBSTRUCTIONS TO VISION

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

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 30 1986

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. (Abbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			084	57	23	04	06		986	307	[illegible]
SA	0150	CLR	20			087	56	23	04	05		987		[illegible]
SA	0252	CLR	20			093	58	25	04	10		990		[illegible]
SA	0353	CLR	20			102	56	25	05	02		992	317 56 RAWAT 65114	JC
SA	0454	CLR	20			105	53	24	12	03		992		JC
SA	0553	CLR	20			111	56	26	14	02		994		JC
SA	0653	CLR	20			114	63	23	11	03		996	310	JC
SA	0756	CLR	20			116	70	17	03	10		997		JC
SA	0854	CLR	20			120	76	21	24	08		998		JC
SA	0953	CLR	20			120	73	22	22	10		998	107 52	JC
SA	1053	250 - SCT	20			117	76	23	23	11		998		JC
SA	1156	250 - 135N	20			113	78	24	24	14		996		JC
SA	1254	250 - OVC	20			114	80	27	22	13		996	707 1001	JC
SA	1355	250 - OVC	20			106	81	26	19	09		993		JC
SA	1456	E250 OVC	20			105	81	22	21	14	G21	993		JC
SA	1552	E250 OVC	20			098	80	23	21	18		991	714 1007 83 RAWAT20130	WRG
SA	1652	250 - OVC	20			098	79	19	23	17		990		WRG
SA	1752	250 - BKN	20			101	76	20	24	16		991		WRG
SA	1852	160 SCT 250 - BKN	20			102	74	19	22	18		992	303 1048	WRG
SA	1952	160 SCT 250 SCT	20			104	73	18	21	12		993		WRG
SA	2050	160 SCT 250 SCT	20			109	71	15	09	04		995		WRG
SA	2152	160 SCT 250 SCT	20			113	69	19	00	00		996	212 1048 83	WRG
SA	2252	250 SCT	20			111	69	21	36	03		996		WRG
SA	2352	250 SCT	20			115	65	22	01	07		997		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (10-83)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 30 1986

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	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	26.470			27	0															0	3	.020			00-01
01 50	26.480			28	0															0					01-02
02 52	26.500			28	0															0					02-03
03 53	26.520			30	0															0	3	.050			03-04
04 54	26.520			32	0															0					04-05
05 53	26.570			31	0															0					05-06
06 53	26.550			22	0															0	3	.030			06-07
07 55	26.560			13	0															0					07-08
08 57	26.570			15	0															0					08-09
09 53	26.570			15	0															0	1	.020			09-10
10 53	26.570			14	1															0					10-11
11 56	26.530			13	2															2					11-12
12 54	26.530			14	10	10	Ci	250												3	2	.020			12-13
13 53	26.530			13	10															4					13-14
14 56	26.530			11	10															2					14-15
15 52	26.510			12	10	10	CS	6250												6	2	.040			15-16
16 52	26.500			11	10															5					16-17
17 52	26.510			12	8															4					17-18
18 52	26.520			12	8	1	ACSL	160	8	CS	250	8								4	3	.010			18-19
19 52	26.530			12	5															3					19-20
20 50	26.545			12	3															2					20-21
21 52	26.555			15	2	1	ACSL	160	1	CS	250	2								2	2	.035			21-22
22 52	26.555			16	1															1					22-23
23 52	26.565			20	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 0347		0	0		61	56										
	0348	1	0	0	0	68	56		0								
	0949	2	0	0	0	74	52		0								
	1548	3	0	0	0	83	73		0								
	2148	4	0	0	0	81	65		0								
	MID.		0	0	0	71	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.570	26.510	26.555
BAROGRAPH 64	26.475	26.530	26.500	26.533
BAR. CORR. 65	+.045	+.040	+.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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	52	0	0	0	23	SW	1202					5	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 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 AT: 1059 P ⊕ 0 Sec./ 2300 ⊕ 0 Sec./ ± Sec.

SP=

RS=