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: 1987

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED Knots	FASTEST MILE 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	77	40	59		6	0				5.1	18	S	26.59		1		31	11	11	26
2	80	43	62		3	0				8.1	28	SW	26.55		0		33	11	12	17
3	62	48	55		10	0	T			13.8	37	S	26.28		9	RW-	23	44	34	65
4	57	40	49		16	0	0.32			6.8	17	N	26.45		9	RW-, R-	93	86	63	89
5	67	43	55		10	0				5.0	15	SW	26.62		7		86	97	32	71
6	72	45	59		6	0				8.7	18	E	26.64		2		71	40	25	45
7	75	48	62		3	0				6.5	17	E	26.67		5		68	26	19	40
8	77	46	62		3	0				4.9	14	SW	26.65		5		56	26	15	32
9	80	50	65		0	0				5.7	18	NE	26.64		6		43	23	19	34
10	82	50	66		0	1				6.7	21	SW	26.54		7		46	18	15	21
11	74	54	64		1	0				6.4	15	W	26.36		10		30	36	21	32
12	67	51	59		6	0				11.0	29	N	26.60		4		22	14	13	18
13	75	44	60		5	0				7.8	17	NE	26.73		1		19	12	12	21
14	82	45	64		1	0				5.6	16	SW	26.69		10		32	13	13	26
15	86	47	67		0	2				5.0	15	SW	26.69		9		34	13	14	20
16	89	47	68		0	3				5.0	14	SW	26.63		8		31	13	14	16
17	87	49	68		0	3				10.3	27	S	26.39		4		25	13	14	13
18	79	47	63		2	0				19.4	46	SW	26.28		2		17	14	15	12
19	63	35	49		16	0				10.5	30	NE	26.70		0		30	17	11	18
20	71	43	57		8	0				11.1	22	NE	26.84		0		24	15	11	20
21	79	49	65		0	0				8.1	27	E	26.80		0		24	15	14	15
22	84	47	66		0	1				5.2	16	SW	26.65		0		21	13	14	19
23	85	47	66		0	1				6.4	31	SW	26.51		8		28	14	15	18
24	86	52	69		0	4				5.4	26	SW	26.59		7	T	33	17	16	30
25	87	52	70		0	5				6.6	31	SE	26.63		3		42	18	15	26
26	85	57	71		0	6				6.6	23	SW	26.70		7	T	47	23	21	33
27	88	61	75		0	10				5.0	29	S	26.68		6		42	20	20	31
28	82	55	69		0	4				7.0	25	S	26.64		5		47	26	43	41
29	79	60	70		0	5	0.19			7.4	28	E	26.56		10	T, RW-	50	57	57	69
30	77	56	67		0	2				13.0	29	SW	26.49		3		78	29	25	32
31																				
SUM	2334	1451	—	—	96	47	0.51	0	—	236.1	—	—	997.79	—	148	—	1236	774	623	948
AVG	77.8	48.4	—	—	—	—	—	—	—	7.9	FASTEST	DIRECTION		%		—	41	26	21	32
										MISC. →	46	SW	26.59		4.9	—				

TEMPERATURE DATA

AVERAGE MONTHLY 63.1

DEPARTURE FROM NORMAL 4.6

HIGHEST 89 ON 16

LOWEST 35 ON 19

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 96

DEPARTURE FROM NORMAL -120

SEASONAL TOTAL 3010

DEPARTURE FROM NORMAL 29

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 47

DEPARTURE FROM NORMAL 21

SEASONAL TOTAL 47

DEPARTURE FROM NORMAL 21

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.51 IN.

DEPARTURE FROM NORMAL 0.36 IN.

GREATEST IN 24 HRS. 0.32 ON 4

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. — ON —

GREATEST DEPTH ON GROUND — ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 11

PARTLY CLOUDY (Scale 4–7) 11

CLOUDY (Scale 8–10) 8

WITH 0.01 INCH OR MORE PRECIP. 2

WITH 0.10 INCH OR MORE PRECIP. 2

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 = thunderstorm

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.890 IN. ON 20

LOWEST Stn. 26.155 IN. ON 18

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 30 1987

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's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	80 SCT 230 -BKN	20			091	57	55	10	04		988	710 1408	WRG
SA	0154	80 SCT 230 -OVC	20			090	57	54	35	04		987		WRG
SA	0252	E 80 BKN 230 BKN	20			093	56	53	36	04		988		WRG
SA	0350	E 70 BKN 230 BKN	20			091	58	51	05	05		987	603 1408 56 20019	
													RADAT 92108	CH
SA	0450	70 SCT E 230 BKN	20			088	63	45	20	10		987		CH
SA	0550	70 SCT 230 SCT	20			095	62	45	18	12		988		CH
SA	0650	70 SCT 230 SCT	20			102	65	45	20	12		991	310 1408	CH
SA	0750	70 SCT 230 SCT	20			102	66	46	23	14		991		CH
SA	0850	70 SCT 230 SCT	20			107	71	42	19	17		993		CH
SA	0950	70 SCT 230 SCT	20			107	72	38	18	19		993	107 1408 56	CH
SA	1050	70 SCT 230 SCT	20			098	73	35	18	20		991		CH
SA	1150	70 SCT 230 SCT	20			099	75	34	21	18	G26	991		CH
SA	1250	70 SCT 230 SCT	20			096	76	30	21	22	G29	990	710 1208	CH
SA	1350	70 SCT 230 SCT	20			089	76	32	21	20	G28	987		CH
SA	1450	70 SCT 230 SCT	20			081	75	35	21	20	G28	985		CH
SA	1552	80 SCT	20			080	76	34	21	12	G22	985	614 1100 77 RADAT 76106	WRG
SA	1652	CLR	20			078	75	35	20	18	G27	985	FEW CU OVR MTNS SE	WRG
SA	1750	250 -BKN	20			076	73	29	21	12	G20	984		WRG
SA	1850	250 -OVC	20			072	71	30	21	14	G23	983	807 1007	WRG
SA	1952	250 -BKN	20			079	69	33	21	12	G20	985		WRG
SA	2050	250 -BKN	20			086	68	33	21	13		987		WRG
SA	2155	250 -BKN	20			087	64	33	23	11		987	114 1008 77	WRG
SA	2250	250 SCT	20			085	65	28	24	08		987		WRG
SA	2352	250 -SCT	20			082	64	24	24	10		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 $i_R i_x$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WBKO, DESERT ROCK NEVADA

DATE: APR 30 1987

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			92	8	3	SC	80	5	CS	230	8								4	7	.030			00-01
01 54	26.480			90	10															5					01-02
02 52	26.490			83	8															6					02-03
03 50	26.480			78	8	6	SC	E70	2	CS	230	8								8	6	.010			03-04
04 50	26.480			52	8															6					04-05
05 50	26.490			54	4															4					05-06
06 50	26.510			48	4	1	SC	70	3	CS	230	4								3	3	.030			06-07
07 50	26.510			49	4															3					07-08
08 50	26.530			35	4															3					08-09
09 50	26.530			29	4	1	SC	70	3	CS	230	4								3	1	.020			09-10
10 50	26.510			25	4															3					10-11
11 50	26.510			22	4															3					11-12
12 50	26.500			18	3	1	CU	70	2	CS	230	3								3	7	.030			12-13
13 50	26.480			20	2															2					13-14
14 50	26.460			23	2															2					14-15
15 52	26.460			25	1	1	CU	80												1	6	.040			15-16
16 52	26.460			23	0															0					16-17
17 50	26.450			20	6															2					17-18
18 50	26.440			22	10	10	CS	250												4	8	.020			18-19
19 52	26.460			26	6															3					19-20
20 50	26.480			27	6															3					20-21
21 55	26.480			32	6	6	CS	250												3	1	.010			21-22
22 50	26.480			25	5															3					22-23
23 52	26.470			22	5															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		60	56										
	0348	1	0	0	0	68	56		1								
	0948	2	0	0	0	72	56		0								
	1548	3	0	0	0	77	72		0								
	2151	4	0	0	0	76	64		0								
	MID.		0	0	0	66	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.530	26.460	26.460
BAROGRAPH 64	26.490	26.530	26.475	26.485
BAR. CORR. 65	-.010	± 0	-.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	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
77	56	0	0	0	29	SW	1240					3	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0452 SUNSET 1831

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10401/2309 /

☆ U.S. Government Printing Office: 1986—654-383

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 29 1987

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 (13b)
SA	0052	100 SCT 200 SCT	20			121	66	53	20	04		999	807 1063	COB
SA	0154	100 SCT E 200 OVC	20			120	66	50	07	04		999	DSNT LTG S	COB
SA	0253	100 SCT E 200 OVC	20			117	63	52	29	04		997		COB
SA	0350	100 SCT E 200 OVC	20			124	67	48	31	04		999	DSNT LTG S/500 1063 63	/
/													RADAT 82121	CH
SA	0450	60 SCT 100 SCT E 200 OVC	7			127 ~~135~~	62	54	04	10		000	RB 14 E42	CH
SA	0550	60 SCT 100 SCT E200 OVC	7			132	66	52	15	06		002	VIRGA ALQDS	CH
SA	0650	60 SCT E100 BKN 200 OVC	7		RW-	135	62	55	06	12		002	RB40/12006 1263	CH
SA	0750	60 SCT E100 BKN 200 OVC	7			135	67	54	11	04		002	RE12 RWY SE	CH
SA	0850	60 SCT E100 BKN 200 OVC	7			135	68	54	12	12		002	RWY SE	CH
SA	0950	60 SCT E100 BKN 200 OVC	7			140	70	54	05	10		003	30306 1263 61	CH
SA	1050	60 SCT E100 BKN 200 OVC	7			135	72	52	13	12		002	VIRGA ALQDS	CH
SA	1150	60 SCT E100 BKN 200 OVC	7			133	73	53	12	05		999	RB08 E37 RWY ALQDS	CH
SA	1250	60 SCT E100 BKN 200 OVC	7			105	77	49	12	06		994	RWY SE/ 82704 1263	CH
SA	1334	60 SCT E100 BKN 200 OVC	7		TRW-				12	20 G27		994	TB31 SSE MOVG NW	CH
SA	1350	E60 BKN 100 BKN 200 OVC	7		TRW-	106	68	56	10	17 G24		993	TB31 E MOVG NW RB16	CH
SA	1450	E60 BKN 100 BKN 200 OVC	7		T	101	73	52	10	15		992	TALQDS MOVG NW RE10	CH
													RWY ALQDS	CH
SA	1552	E60 BKN 200 BKN	15			090	69	53	09	09 G20		988	RETOTE30 CB ALQDS	/
													MOVG N RWY ALQDS / 81706	/
													1902 79	WRC
SA	1652	E60 BKN 200 OVC	20			096	70	50	11	14		990	CB ALQDS MOVG N	/
													RWY ALQDS	WRC
RS	1752	E60 BKN 200 BKN	20	T		105	63	55	09	04		992	TS 49 RE18 CB ALQDS	/
													MOVG N RWY ALQDS	WRC
RS	1852	E60 BKN	20	RW-		105	63	56	36	03		992	TE37 RB0158 CB ALQDS	/
													MOVG N RWY ALQDS / 11004 1300	WRC
													RADAT 90117	WRC
SA	1952	E60 BKN	20			111	62	57	35	09		994	RE30 CB ALQDS MOVG N	/
													OCNL LTG IC DSNT E	WRC
SA	2052	E60 BKN	20			113	62	56	05	09		994	CB ALQDS MOVG N OCNL	/
													LTG IC E	WRC
SA	2152	E60 BKN	20			104	63	54	31	04		992	CB ALQDS MOVG N OCNL LTG IC	/
													DSNT NE / 0000B71300 79	WRC
SA	2252	E80 BKN	20			098	64	51	10	05		991	CB DSIPTD	WRC
SA	2352	E80 BKN	20			096	60	54	28	04		990		WRC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 29 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.580			63	5	2	AC	100	3	CI	260	5								4	8	.020			00-01
01 54	26.580			57	10															10					01-02
02 53	26.570			67	10															10					02-03
03 50	26.580			50	10	2	AC	100	8	CI	E200	10								7	5	.000			03-04
04 50	26.590			75	10															10					04-05
05 50	26.610			61	10															10					05-06
06 50	26.610			78	10	4	CU	60	4	AC	E100	8	2	CI	200	10				10	1	.030			06-07
07 50	26.610			63	10															10					07-08
08 50	26.610			61	10															10					08-09
09 50	26.620			57	10	4	CU	60	4	AC	E100	8	2	CI	200	10				10	3	.010			09-10
10 50	26.610			50	10															10					10-11
11 50	26.580			50	10															10					11-12
12 50	26.540			38	10	3	CU	60	3	AC	E100	6	4	CI	200	10				8	8	.080			12-13
13 50	26.530			66	10															10					13-14
14 50	26.520			48	10															10					14-15
15 52	26.490			57	8	6	CB	E60	2	CI	200	8								8	8	.050			15-16
16 52	26.500			49	10															9					16-17
17 52	26.520			46	8															8					17-18
18 52	26.520			80	8	8	CB	E60												8	1	.080			18-19
19 52	26.540			84	7															7					19-20
20 52	26.540			79	8															8					20-21
21 52	26.520			69	7	7	CB	E60												7	0	.000			21-22
22 52	26.510			63	6															6					22-23
23 52	26.500			84	6															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		69	63										
	0348	1	0	0	0	69	63		0								
	0948	2	.06	0	0	70	61		2								
	1548	3	.06	0	0	79	65		1								
	2148	4	.07	0	0	77	61		1								
	MID.		0	0	0	68	60										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.620	26.490	26.520
BAROGRAPH 64	29.590	26.615	26.498*	26.520
BAR. CORR. 65	-.010	+.005	±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 UNOFFICIAL TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	60	.19	0	0	28	E	1514					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	0414	0442			
RW-	0640	0712			
RW-	1108	1137			
RW-	1316	1410			
T	1331	1530			
RW-	1701	1718			
T	1749	1837			
RW-	1754	1930			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0453 SUNSET 1830

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053O / 2258 /

0450/0540

0650/0650 1552/R5/0700-30 1752/R301/0705-30 2152/00007/0710

* Barograph changed 1552

MF1-10A (5-83)

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

STATION [illegible]

DATE APR 28 1987

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 (10's of Deg.) (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			162	54	38	24	03		004	003	008
SA	0149	CLR	20			154	61	39	11	08		008		008
SA	0255	CLR	20			150	59	38	23	03		007		008
SA	0354	CLR	20			156	59	39	14	05		008	503 58 RADAT 67122	JP
SA	0457	70 SCT	20			158	57	39	36	05		008		JP
SA	0554	70 SCT	20			159	63	40	03	04		009		JP
SA	0655	70 SCT	20			161	70	40	04	03		011	307 1100	JP
SA	0759	110-SCT	20			162	76	42	15	06		011	FEW CU	JP
SA	0851	110 SCT	20			158	78	43	13	11		009	FEW CU	JP
SA	0953	70 SCT 110 SCT 200 SCT	20			156	81	43	25	06		009	603 1171 55	JP
SA	1052	70 SCT 110 SCT	20			160	79	44	23	06		009		JP
SA	1154	E 70 BKN 110 BKN	20		RW-	155	79	47	08	16		007	TCU E RB33	JP
SA	1256	E70 BKN 110 BKN	20			147	78	48	08	13		005	TCU ALQDS RWU E	JP
													RE17/ 81400 1270	
SP	1335	E70 BKN 110 BKN	20		T				13	10		005	TB34 T W MOVG N	JP
													TCU ALQDS	
SA	1353	E 70 BKN 110 BKN	20		T	146	79	46	11	06		005	TB34 T NW MOVG N	JP
													RWU NE	
SP	1421	70 SCT E110 BKN	20						01	03		003	TE20 T MOVD N	JP
													CB SE	
SA	1450	70 SCT E110 BKN	20			139	80	44	18	15		003	TE20 T MOVD N	JP
													CB SE	
SA	1550	60 SCT E 100 BKN 200 BKN	20			138	74	50	20	07		002	CB NE SE S NW VIRGA NW/	
													81000 1963 82 RADAT 80121	008
SA	1655	E60 BKN 100 BKN 200 BKN	20			~~127~~ 132	80	39	21	13	G21	001	CB NW N NE SE VIRGA NW	008
SA	1752	E60 BKN 100 BKN 200 BKN	20			127	78	39	19	06		000	CB NE E S VIRGA E	008
SA	1855	60SCT E100 BKN 200 BKN	20			128	75	43	11	04		001	CB SE/503 ~~1863~~ 1963	008
SA	1952	60 SCT E100 BKN 200 BKN	20			127	71	45	09	06		001		008
SA	2056	100 SCT E 200 OVC	20			130	71	45	14	05		002		008
SA	2150	100 SCT E 200 BKN	20			125	69	44	14	05		001	000 1063 82	008
SA	2255	100 SCT E 200 BKN	20			126	68	47	02	08		001		008
SA	2354	E100 BKN 200 BKN	20			127	66	51	04	05		001		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, ROCKY MOUNTAIN ARSENAL

DATE: APR 28 1987

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	26.680			46	0															0	0	.010			00-01
01 49	26.670			44	0															0					01-02
02 55	26.660			46	0															0					02-03
03 54	26.670			47	0															0	5	010			03-04
04 57	26.670			51	1															1					04-05
05 54	26.680			43	2															2					05-06
06 55	26.690			34	2	2	CU	70												2	3	020			06-07
07 57	26.690			30	1															0					07-08
08 51	26.680			29	1															1					08-09
09 53	26.680			26	1	1	CU	70	0	AC	110	1	0	CI	200	1				1	6	010			09-10
10 52	26.680			29	3															3					10-11
11 54	26.660			33	8															8					11-12
12 56	26.640			35	9	7	TCU	E70	2	AC	110	9								9	8	040			12-13
13 53	26.640			31	9															9					13-14
14 50	26.620			28	9															9					14-15
15 50	26.610			43	9	2	CB	60	5	AC	E100	7	2	ci	200	9				9	8	.030			15-16
16 55	26.600			23	9															9					16-17
17 52	26.590			25	9															9					17-18
18 55	26.600			32	9	4	CB	60	4	AC	E100	8	1	Ci	200	9				9	5	.010			18-19
19 52	26.600			39	8															8					19-20
20 56	26.610			39	10															10					20-21
21 50	26.600			41	8	3	AC	100	5	ci	E200	8								7	0	.000			21-22
22 55	26.600			47	7															6					22-23
23 54	26.600			59	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	61	58	X	X						X		
	0352	1	0	0	0	69	58		0								
	0951	2	0	0	0	81	55		0								
	1548	3	T	0	0	82	73		0								
	2148	4	0	0	0	80	69		0								
	MID.	X	0	0	0	69	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.680	26.610	26.600
BAROGRAPH 64	26.680	26.685	26.630	26.620
BAR. CORR. 65	-.010	-.014	-.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 UNOFFICIAL 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
82	55	T	0	0	25	S	1754					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW	1133	1217			
T	1334	1420			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0454 SUNSET 1829

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1053Z/1540P /

1655/1655

1855/1963/0900 5-1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 27 1987

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. INTERVAL (15)
SA	0052	200 - SCT	20			161	69	42	08	06		011	707 1001	008
SA	0153	200 - SCT	20			158	69	41	07	04		011		008
SA	0253	200 - SCT	20			157	67	41	07	04		011		008
SA	0350	200 - SCT	20			159	66	42	03	06		011	400 1001 64	008
SA	0454	100 SCT 200 - BKN	20			160	67	42	04	09		011	RADAT 61123	JP
SA	0553	70 SCT 100 SCT 200 - BKN	20			168	68	42	04	11		013		JP
SA	0652	100 SCT 200 - BKN	20			172	72	42	04	10		014	FEW CU / 310 1171	JP
SA	0755	200 - SCT	20			172	76	42	33	06		014	FEW CU AC	JP
SA	0858	200 - SCT	20			169	81	41	11	08		014	FEW AC	JP
SA	0954	70 SCT 200 - SCT	20			164	84	39	12	10		013	TCU N MOVG S / 803	JP
													1201 64	
SP	1036	70 SCT 200 SCT	20		T				12	04		013	TB35 T S MOVG NW	JP
													CB DSNT NW	
SA	1055	70 SCT 200 SCT	20		T	162	83	39	15	16		012	TB35 T S MOVG NW	JP
													CB DSNT NW	
SA	1156	70 SCT 200 - BKN	20		T	164	78	41	22	09		012	T W MOVG NW TCU	JP
													ALQDS VIRGA S	
SP	1235	70 SCT 200 - BKN	20						20	15		009	TE34 T MOVD NW	JP
													TCU ALQDS VIRGA S	
SA	1255	70 SCT 200 - BKN	20			157	80	37	20	15	629	009	TE34 T MOVD NW	JP
												CB	~~FEW~~ ALQDS VIRGA S /	
													810 1202	
SA	1354	70 SCT 200 - BKN	20			146	85	36	16	10		007	CB ALQDS VIRGA S	JP
SA	1450	70 SCT 200 - BKN	20			137	88	36	14	10		005	CB ALQDS	JP
SA	1550	50 SCT 100 SCT E 200 BKN	20			137	83	38	20	14	620	004	CB N / 617 1903 88	
													RADAT 61129	008
SA	1655	50 SCT 100 SCT E 200 BKN	20			140	83	38	27	09	615	005	CB NW	008
SA	1754	100 SCT E 200 BKN	20			141	81	37	24	07		005	CB DSNT NW	008
SA	1851	100 SCT 200 - BKN	20			145	77	37	34	03		006	207 1203	008
SA	1950	100 SCT 200 - BKN	20			150	69	36	09	04		007		008
SA	2049	200 - BKN	20			157	67	37	04	06		009		008
SA	2149	200 SCT	20			150	69	37	17	03		008	007 1002 88	008
SA	2250	200 SCT	20			158	63	39	11	04		009		008
SA	2352	200 SCT	20			166	61	37	07	07		010		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 27 1987

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	26.690			38	3	3	ci	200												1	7	.020			00-01
01 53	26.690			36	3															1					01-02
02 50	26.690			39	3															1					02-03
03 50	26.690			42	3	3	ci	200												1	4	.000			03-04
04 54	26.690			40	7															2					04-05
05 53	26.710			39	8															3					05-06
06 52	26.720			34	9	0	CU	70	2	AC	100	2	7	CI	200	9				3	3	.030			06-07
07 55	26.720			30	3															0					07-08
08 58	26.720			24	2															0					08-09
09 54	26.710			20	3	1	TCU	70	2	CI	200	3								1	8	0.10			09-10
10 55	26.700			21	5															4					10-11
11 56	26.700			27	7															3					11-12
12 55	26.680			21	8	3	CB	70	5	CI	200	8								3	8	.030			12-13
13 54	26.660			17	8															3					13-14
14 50	26.640			16	7															3					14-15
15 50	26.630			20	8	2	CB	50	3	CU	100	5	3	ci	200	8				7	6	.050			15-16
16 55	26.640			20	8															6					16-17
17 54	26.640			21	8															6					17-18
18 51	26.650			24	7	2	CU	100	5	ci	200	7								3	2	.020			18-19
19 50	26.660			30	7															3					19-20
20 49	26.680			33	6															3					20-21
21 49	26.670			31	4	4	ci	200												3	0	.020			21-22
22 50	26.680			41	2															2					22-23
23 52	26.690			41	2															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 0348		0	0		71	64										
	0348	1	0	0	0	72	64		0								
	0952	2	0	0	0	84	65		0								
	1548	3	0	0	0	88	78		0								
	2148	4	0	0	0	83	66		0								
	MID.		0	0	0	69	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.710	26.630	26.670
BAROGRAPH 64	26.710	26.720	26.645	26.690
BAR. CORR. 65	-.020	-.010	-.015	-.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 (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	61	0	0	0	29	5	*1306					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1035	1234			

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 CORRECT TO NEAREST MINUTE AT: 1053AP/1545P/

1255 PDT / 1255

* LAST OF SEVERAL OCCURANCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 26, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			155	66	39	00	00		009	107	AD
SA	0150	CLR	20			155	66	39	00	00		009		AD
SA	0250	CLR	20			154	63	38	00	00		008		AD
SA	0353	CLR	20			159	58	38	11	03		009	500 58 RADAT 53121	JP
SA	0456	70 SCT 200 SCT	20			163	58	38	32	03		011		JP
SA	0554	70 SCT 200 - BKN	20			165	65	39	10	08		012		JP
SA	0651	70 SCT 200 - BKN	20			174	66	40	30	06		014	314 1508	JP
SA	0755	200 - BKN	20			174	73	40	00	00		015	FEW SC	JP
SA	0854	200 - BKN	20			174	80	41	11	08		015		JP
SA	0955	200 - BKN	20			174	82	40	14	10		015	~~B~~ TCU DSNT NW /	JP
													103 1208 57	
SP	1046	70 SCT 200 - BKN	20		T				23	17		014	TB45 T S MOVG NW	JP
													OCNL LTGCG	
SA	1054	70 SCT E 200 BKN	20		T	172	80	40	23	14		014	TB45 T S MOVG NW	JP
													OCNL LTGCG	
SP	1129	70 SCT E 200 BKN	20						22	14		014	TE28 T MOVD NW	JP
SA	1152	70 SCT E 200 BKN	20			174	77	43	21	13		014	TE28 T MOVD NW	JP
													TCU ALQDS RWY S	
SA	1253	70 SCT E 200 BKN	20			169	79	43	22	12		013	TCU ALQDS / 707 1208	JP
SA	1352	70 SCT 200 - BKN	20			157	82	40	20	10		009	CB NE MOVG NW	JP
													TCU ALQDS	
SA	1451	70 SCT 200 - BKN	20			149	84	39	21	10		007	CB N MOVG NW	JP
													TCU ALQS	
SA	1550	70 SCT 200 - BKN	20			154	84	40	27	10	G16	007	TCU ALQDS / 617 1208	
													B5 RADAT 40126	
SA	1650	70 SCT 200 - BKN	20			155	82	40	26	08	G13	007	TCU E	
SA	1749	70 SCT 200 - BKN	20			151	81	39	24	07		007		
SA	1850	70 SCT 200 - BKN	20			160	76	39	32	05		009	307 1208	
SA	1952	200 - BKN	20			163	71	40	22	04		011		
SA	2050	200 - BKN	20			166	71	40	12	05		013		
SA	2153	200 - SCT	20			165	72	41	04	04		013	110 1002 B5	
SA	2258	200 - SCT	20			163	70	42	06	09		012		
SA	2350	200 - SCT	20			165	71	42	05	09		012		

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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 26, 1987

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	26.680			37	0															0	1	.020			00-01
01 50	26.680			37	0															0					01-02
02 50	26.670			40	0															0					02-03
03 53	26.680			47	0															0	5	000			03-04
04 56	26.690			47	4															3					04-05
05 54	26.700			38	7															3					05-06
06 51	26.720			39	8	1	Sc	70	7	CS	200	8								3	3	040			06-07
07 55	26.730			30	7															2					07-08
08 54	26.730			25	6															1					08-09
09 55	26.730			23	6	0	TCU	70	6	CS	200	6								1	1	010			09-10
10 54	26.720			24	8															6					10-11
11 52	26.720			30	8															6					11-12
12 53	26.710			28	8	3	TCU	70	5	CS	200	8								6	7	020			12-13
13 52	26.680			23	7															3					13-14
14 51	26.660			20	8															2					14-15
15 50	26.660			21	8	3	CU	70	5	CS	200	8								4	6	.050			15-16
16 56	26.660			23	7															3					16-17
17 49	26.660			22	6															2					17-18
18 50	26.680			26	6	2	CU	70	4	CS	200	6								3	3	.020			18-19
19 52	26.690			33	7															2					19-20
20 50	26.710			33	8															3					20-21
21 53	26.710			33	4	4	Ci	200												2	1	.030			21-22
22 58	26.700			36	4															2					22-23
23 50	26.700			35	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352		0	0		67	58										
	0352	1	0	0	0	71	58		0								
	0953	2	0	0	0	82	57		0								
	1548	3	0	0	0	85	75		0								
	2151	4	0	0	0	84	68		0								
	MID.		0	0	0	72	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0955	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.730	26.660	26.710
BAROGRAPH 64	26.690	26.740	26.675	26.725
BAR. CORR. 65	-010	-010	-.015	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	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
85	57	0	0	0	23	SW	1157					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1045	1128			

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060P/2154P/

0955 ≡/0955

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE APRIL 25, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			142	57	33	05	04		004	110	AD
SA	0150	CLR	20			138	57	33	33	04		003		AD
SA	0250	CLR	20			144	59	33	08	04		005		AD
SA	0351	CLR	20			146	56	33	36	03		005	303 54 RADAT 56121	HS
SA	0450	CLR	20			150	53	33	10	04		006	SC NE	HS
SA	0554	CLR	20			155	58	34	34	07		007	SC SE SW	HS
SA	0650	CLR	20			157	64	35	00	00		008	SC SE 110 1400	HS
SA	0750	CLR	20			156	74	34	00	00		008	SC NE SE	HS
SA	0850	CLR	20			152	79	33	02	06		008	CU SE	HS
SA	0952	CLR	20			158	82	34	09	04		009	CU ALQDS VIRGA SE	HS
/													303 1200 52	H
SA	1050	90 SCT	20			151	85	33	14	13		007	VIRGA SE	HS
SA	1150	90 SCT	20			148	85	34	14	18	G31	006	VIRGA SE	HS
SA	1251	90 SCT	20			137	85	33	20	10		003	HVY CU VIRGA SE NW	/
/													820 1200	HS
SA	1352	E90 BKN	20			132	86	34	17	14	G26	002	CB NE MOVG NW	HS
SA	1450	90SCT 250SCT	20			125	85	31	28	06		000	CB NE DSIPTD HVY CU NW	HS
SA	1550	90 SCT 250 - BKN	20			122	86	33	14	07		999	VIRGA SW / 714 1201 87	AD
/	/												RADAT 52124	/
SA	1650	90 SCT 250 - BKN	20			124	85	35	15	16		999	VIRGA SW	AD
SA	1750	90 SCT 250 - BKN	20			123	82	33	24	07		999		AD
SA	1850	90 SCT 250 SCT	20			123	78	32	01	05		999	VIRGA ALQDS / 400 1201	AD
SA	1950	90 SCT 250 SCT	20			124	78	33	15	09		001		AD
SA	2050	90 SCT 250 SCT	20			140	71	34	12	05		005		AD
SA	2150	90 SCT	20			146	69	35	34	03		007	227 1100 87	AD
SA	2250	90 SCT	20			154	68	37	06	05		009		AD
SA	2350	90 SCT	20			155	67	39	23	05		009		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 $1s_n$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 1-10 A (1-82) WHICH MAY BE USED.

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 25, 1987

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 SD	26.630			40	0															0	1	.030			00-01
01 SD	26.620			40	0															0					01-02
02 SD	26.640			37	0															0					02-03
03 51	26.640			42	0															0	3	.010			03-04
04 50	26.645			46	0															0					04-05
05 54	26.660			41	0															0					05-06
06 50	26.670			34	0	Sc	80													0	1	.030			06-07
07 50	26.670			23	0															0					07-08
08 50	26.665			19	0															0					08-09
09 52	26.680			18	0	0	Cu	90												0	3	.010			09-10
10 50	26.660			16	1															1					10-11
11 50	26.650			16	2															2					11-12
12 51	26.620			15	5	5	Cu	90												5	8	.060			12-13
13 52	26.610			16	6															6					13-14
14 50	26.590			14	5															5					14-15
15 50	26.580			15	8	2	Cu	90	6	Ci	250	8								3	7	.040			15-16
16 50	26.580			17	8															3					16-17
17 50	26.580			17	8															3					17-18
18 50	26.580			19	5	3	Cu	90	2	Ci	250	5								4	4	.000			18-19
19 50	26.600			19	5															4					19-20
20 50	26.640			26	5															4					20-21
21 50	26.660			29	2	2	Cu	90												2	2	.080			21-22
22 50	26.680			32	1															1					22-23
23 50	26.680			36	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 0349		0	0		60	54										
	0349	1	0	0	0	64	54		0								
	0950	2	0	0	0	83	52		0								
	1550	3	0	0	0	87	82		0								
	2150	4	0	0	0	87	69		0								
	MID		0	0	0	71	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.680	26.580	26.660
BAROGRAPH 64	26.620	26.655	26.595	26.660
BAR. CORR. 65	+.020	*+.025	-.015	Ø

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
87	52	0	0	0	31	SE	1140					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0458 SUNSET 1826

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1558 / /

0554/0554

0650/0650

*BAROGRAPH CHANGED RE-SET TO "0"

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE APRIL 24, 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - SCT	20			113	61	28	00	00		996	807 1001	AD
SA	0150	250 - SCT	20			113	61	27	00	00		996		AD
SA	0250	250 - SCT	20			121	59	27	00	00		999		AD
SA	0355	250 - SCT	20			124	57	28	00	00		999	307 1001 55 RADAT 51118	HS
SA	0452	250 - SCT	20			134	54	29	09	03		001		HS
SA	0550	250 - SCT	20			136	56	31	12	04		002		HS
SA	0652	250 - SCT	20			139	63	31	00	00		003	214 1001	HS
SA	0752	250 - SCT	20			139	70	32	00	00		004	CU SE	HS
SA	0851	250 - SCT	20			135	77	31	00	00		004	CU SE	HS
SA	0954	250 - ~~SCT~~ BKN	20			129	82	33	33	05		003	802 1101 52	HS
SA	1052	90SCT 250 - BKN	20			128	84	34	20	07		002		HS
SA	1151	90SCT 250 - BKN	20			123	85	34	26	11		000		HS
SA	1252	90SCTE250 BKN	20			117	83	34	24	12		997	VIRGA SE 815 1202	HS
SA	1305	90 SCT E250 BKN	20		T				24	13		997	T 804 OVHD MOVG N	HS
SP	1324	90 SCT E250 BKN	20						24	14		997	TE23 DSIPTD CB OVHD-E	/
/													MOVG N VIRGA E	HS
SA	1352	90SCT E250 BKN	20			112	84	33	23	13	G26	996	TE23 DSIPTD CB NE-E	/
/											T804	/	MOVG SLY N VIRGA NE	HS
SA	1451	90SCT E250 BKN	20			114	85	34	23	12		996	CB NE MOVG N	HS
SA	1550	90 SCT E250 BKN	20			116	83	32	26	09		996	CB NE MOVG N / 603 1901	AD
/	/												86 RADAT 60119	/
SA	1650	90 SCT E250 BKN	20			117	82	31	24	09		996	CB NE MOVG N	AD
SA	1750	E250 BKN	20			117	79	32	21	12		996	CB MOVD N	AD
SA	1850	250 - BKN	20			116	76	33	22	10		996	400 1001	AD
SA	1950	250 - BKN	20			124	68	32	05	04		999		AD
SA	2050	250 - BKN	20			129	67	33	07	05		001		AD
SA	2150	250 - SCT	20			129	64	32	06	04		001	114 1001 86	AD
SA	2250	CLR	20			136	61	33	30	04		003		AD
SA	2350	CLR	20			140	59	33	05	05		004		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APRIL 24, 1987

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 SD	26.560			28	3	3	CI	250												1	8	.020			00-01
01 SD	26.560			27	3															1					01-02
02 SD	26.580			29	4															1					02-03
03 SS	26.580			33	3	3	CI	250												0	3	.020			03-04
04 SS	26.600			38	2															0					04-05
05 SD	26.610			38	3															0					05-06
06 SS	26.620			30	3	3	CI	250												0	2	.040			06-07
07 SS	26.625			25	3															0					07-08
08 SI	26.625			18	5															0					08-09
09 SI	26.615			17	7	0	CU	80	7	CI	250	7								0	8	.005			09-10
10 SS	26.610			17	8															1					10-11
11 SI	26.590			16	9															3					11-12
12 SS	26.570			17	9	3	CU	90	6	CI	E250	9								5	8	.045			12-13
13 SS	26.560			16	9															5					13-14
14 SI	26.560			16	9															5					14-15
15 SD	26.560			16	8	3	CB	90	5	CI	E250	8								5	6	.010			15-16
16 SD	26.560			16	8															5					16-17
17 SD	26.560			18	8															5					17-18
18 SD	26.560			21	7	7	CI	250												3	4	.000			18-19
19 SD	26.580			26	7															3					19-20
20 SD	26.660			28	6															2					20-21
21 SD	26.600			30	2	2	CI	250												0	1	.040			21-22
22 SD	26.620			35	0															0					22-23
23 SD	26.630			37	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		0	0		62	55										
	0353	1	0	0	0	72	55		0								
	0952	2	0	0	0	82	52		0								
	1550	3	0	0	0	86	81		0								
	2150	4	0	0	0	84	64		0								
	MID.		0	0	0	64	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.615	26.560	26.600
BAROGRAPH 64	26.560	26.605	26.540	26.580
BAR. CORR. 65	+.020	+.010	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	52	0	0	0	26	SW	1345					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1304	1323			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0459 SUNSET 1826

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0755/ 1559 / /

0954/0954

1352 /TB04/0803 5-1

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 23 1987

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 of deg.) (9)	WIND SPEED Knots (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			143	52	15	33	03		003	400	JS
SA	0150	CLR	20			138	54	16	01	04		003		JS
SA	0250	CLR	20			141	52	16	11	06		003		JS
SA	0351	CLR	20			139	49	17	08	04		002	803 48 RADAT 26119	HS
SA	0453	CLR	20			144	49	18	12	03		003	CI W	HS
SA	0551	250-SCT	20			151	53	20	00	00		005		HS
SA	0654	250-SCT	20			154	60	21	00	00		006	214 1001	HS
SA	0752	250-BKN	20			152	70	20	00	00		006		HS
SA	0858	250-BKN	20			148	77	22	15	09		005		HS
SA	0951	250-BKN	20			139	80	27	14	06		003	810 1001 47	HS
SA	1051	250-BKN	20			139	83	30	22	12	G18	003		HS
SA	1153	250-BKN	20			132	85	31	21	11	G24	001	CU SE NW	HS
SA	1254	90SCT 250-BKN	20			125	85	32	21	16	G24	999	814 1101	HS
SA	1351	90SCT 250-BKN	20			116	83	31	22	09	G17	996		HS
SA	1450	90SCT 250-OVC	20			113	84	31	24	11	G21	995		HS
SA	1550	90 SCT E250 OVC	20			116	82	30	23	12		995	610 1107 85 RADAT 45123	AD
SA	1650	90 SCT E250 OVC	20			113	81	28	22	12		994		AD
SA	1750	90 SCT E250 OVC	20			111	80	29	18	10		994		AD
SA	1850	90 SCT E250 OVC	20			109	77	28	19	07		994	603 1107	AD
SA	1950	E250 BKN	20			113	74	28	22	05		996		AD
SA	2050	E250 BKN	20			117	74	28	15	04		999		AD
SA	2150	E250 BKN	20			116	72	28	16	04		999	114 1008 85	AD
SA	2250	250 -SCT	20			116	67	29	00	00		999		AD
SA	2350	250 -SCT	20			119	62	29	06	05		999		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

SUPERSEDES MF 1-10 A (1-52) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 23 1987

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	26.620			23	0															0	4	.000			00-01
01 50	26.615			22	0															0					01-02
02 50	26.620			24	0															0					02-03
03 51	26.610			28	0															0	8	.010			03-04
04 53	26.620			29	0															0					04-05
05 51	26.640			28	2															0					05-06
06 54	26.650			22	2	2	Ci	250												0	2	.040			06-07
07 52	26.650			15	7															1					07-08
08 58	26.640			13	8															1					08-09
09 51	26.620			14	8	8	Ci	250												1	8	.030			09-10
10 51	26.620			15	9															1					10-11
11 53	26.600			15	9															2					11-12
12 54	26.580			15	7	1	Cu	90	6	Ci	250	7								2	8	.040			12-13
13 51	26.560			15	7															2					13-14
14 50	26.550			15	10															4					14-15
15 50	26.550			15	10	2	Cu	90	8	Cs	E250	10								7	6	.030			15-16
16 50	26.540			14	10															7					16-17
17 50	26.540			15	10															7					17-18
18 50	26.540			16	10	1	Cu	90	9	Cs	E250	10								7	6	.010			18-19
19 50	26.560			18	8															5					19-20
20 50	26.580			18	8															5					20-21
21 50	26.580			19	7	7	Cs	E250												4	1	.040			21-22
22 50	26.580			24	4															1					22-23
23 50	26.580			29	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		54	48										
	0349	1	0	0	0	57	48		0								
	0949	2	0	0	0	80	47		0								
	1550	3	0	0	0	85	80		0								
	2150	4	0	0	0	84	70		0								
	MID.		0	0	0	72	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.620	26.550	26.580
BAROGRAPH 64	26.620	26.620	26.520	26.550
BAR. CORR. 65	-.010	±0	+.030	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
85	47	0	0	0	31	SW	1333					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 0500 SUNSET 1825

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1055S / 1559 /

1850/E250 OVC/0800 5-1

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

☆ U.S. Government Printing Office: 1986—654-383

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: APR 22 1987

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. (7)	DEW PT. (8)	WIND DIRECTION (Deg. Mag.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (14)
SA	0030	CLR	20			180	53	11	04	05		014	805	JS
SA	0150	CLR	20			174	53	11	00	00		012		JS
SA	0250	CLR	20			166	58	12	00	00		011		JS
SA	0353	CLR	20			169	52	13	26	04		011	610 50 RADAT 20133	HS
SA	0451	CLR	20			172	49	14	02	04		011		HS
SA	0550	CLR	20			176	50	17	04	05		012		HS
SA	0650	CLR	20			181	63	19	08	03		014	312 1001	HS
SA	0750	CLR	20			179	69	17	01	03		014		HS
SA	0850	CLR	20			176	73	18	18	04		014		HS
SA	0953	CLR	20			170	77	22	20	06		012	807 47	HS
SA	1050	CLR	20			162	79	24	22	08		009		HS
SA	1150	CLR	20			156	80	25	17	06		007		HS
SA	1252	CLR	20			149	81	27	26	09		005	720	HS
SA	1351	CLR	20			141	82	27	19	10		003		HS
SA	1450	CLR	20			131	83	28	21	07		001		HS
SA	1550	CLR	20			124	83	28	22	10		000	717 84 RADAT 20132	JS
SA	1651	CLR	20			127	81	27	31	05		999		JS
SA	1752	CLR	20			127	79	24	26	08		999		JS
SA	1852	CLR	20			129	72	19	27	06		000	500	JS
SA	1952	CLR	20			137	64	15	05	05		002		JS
SA	2056	CLR	20			145	58	15	08	05		004		JS
SA	2155	CLR	20			141	57	14	05	04		003	010 84	JS
SA	2259	CLR	20			141	55	15	06	04		003		JS
SA	2350	CLR	20			141	54	15	10	03		003		JS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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.1984-0-784-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 22 1987

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	26.715			18	0															0	8	.015			00-01
01 50	26.700			18	0															0					01-02
02 50	26.690			16	0															0					02-03
03 53	26.685			21	0															0	6	.030			03-04
04 51	26.640			24	0															0					04-05
05 50	26.700			27	0															0					05-06
06 50	26.720			18	0	0	Ci	250												0	3	.035			06-07
07 50	26.720			14	0															0					07-08
08 50	26.720			12	0															0					08-09
09 53	26.700			13	0															0	8	.020			09-10
10 50	26.680			13	0															0					10-11
11 50	26.660			13	0															0					11-12
12 52	26.640			14	0															0	7	.060			12-13
13 51	26.620			14	0															0					13-14
14 50	26.600			14	0															0					14-15
15 50	26.590			14	0															0	7	.050			15-16
16 51	26.580			14	0															0					16-17
17 52	26.580			13	0															0					17-18
18 52	26.590			13	0															0	5	.000			18-19
19 52	26.610			15	0															0					19-20
20 52	26.625			18	0															0					20-21
21 55	26.620			19	0															0	0	.030			21-22
22 59	26.620			20	0															0					22-23
23 50	26.620			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	59	51	X	X						X		
	0351	1	0	0	0	60	50		0								
	0951	2	0	0	0	77	47		0								
	1548	3	0	0	0	84	76		0								
	2153	4	0	0	0	83	57		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1549	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.700	26.590	26.620
BAROGRAPH 64	26.685	26.690	26.575	26.605
BAR. CORR. 65	0	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER 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
84	47	0	0		16	SW	1038					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 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 CORRECT TO NEAREST MINUTE AT: 1640PI 1855 I

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 21 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			228	56	17	05	11		026	003	JS
SA	0151	CLR	20			232	55	17	00	00		027		JS
SA	0250	CLR	20			230	54	15	09	04		027		JS
SA	0354	CLR	20			231	52	16	12	05		027	103 49 RADAT 20132	DC
SA	0458	CLR	20			239	52	17	08	09		029		DC
SA	0553	CLR	20			249	54	17	08	05		033		DC
SA	0655	CLR	20			254	59	20	08	06		034	120	DC
SA	0750	CLR	20			246	62	21	09	06		033		DC
SA	0856	CLR	20			246	67	21	11	08		032		DC
SA	0956	CLR	20			242	69	19	08	11		030	710 49	DC
SA	1056	CLR	20			237	72	19	10	10		029		DC
SA	1155	CLR	20			221	73	18	08	08		025		DC
SA	1255	CLR	20			211	75	20	12	09		023	724	DC
SA	1353	CLR	20			200	77	23	08	10		019		DC
SA	1450	CLR	20			189	78	24	10	15		016		DC
SA	1552	CLR	20			181	78	24	11	10		014	727 79 RADAT 20138	JS
SA	1650	CLR	20			177	77	23	11	12		013		JS
SA	1754	CLR	20			177	75	20	12	08		013		JS
SA	1850	CLR	20			184	67	14	07	08		014	500	JS
SA	1955	CLR	20			190	65	11	11	10		016		JS
SA	2053	CLR	20			188	65	12	10	10		016		JS
SA	2150	CLR	20			185	60	11	07	07		015	003 79	JS
SA	2250	CLR	20			185	57	11	18	07		015		JS
SA	2350	CLR	20			182	54	11	32	05		014		JS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 21 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.830			21	0															0	0	.010			00-01
01 51	26.840			22	0															0					01-02
02 50	26.840			21	0															0					02-03
03 54	26.840			24	0															0	1	.010			03-04
04 58	26.860			25	0															0					04-05
05 53	26.885			23	0															0					05-06
06 55	26.900			22	0															0	1	.060			06-07
07 50	26.890			20	0															0					07-08
08 56	26.880			17	0															0					08-09
09 56	26.870			15	0															0	7	.030			09-10
10 56	26.855			13	0															0					10-11
11 55	26.820			12	0															0					11-12
12 55	26.800			13	0															0	7	.070			12-13
13 53	26.770			13	0															0					13-14
14 50	26.740			13	0															0					14-15
15 52	26.720			14	0															0	7	.080			15-16
16 50	26.710			13	0															0					16-17
17 54	26.710			13	0															0					17-18
18 50	26.720			13	0															0	5	.000			18-19
19 55	26.740			12	0															0					19-20
20 53	26.740			12	0															0					20-21
21 50	26.730			15	0															0	0	.000			21-22
22 50	26.730			16	0															0					22-23
23 50	26.720			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TP	X	0	0	X	57	49	X	X						X		
	0348	1	0	0	0	57	49		0								
	0950	2	0	0	0	69	50		0								
	1550	3	0	0	0	79	68		0								
	2148	4	0	0	0	79	60		0								
	MID.	X	0	0	0	60	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1552	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.842	26.870	26.720	26.730
BAROGRAPH 64	26.860	26.900	26.715	26.720
BAR. CORR. 65	-.020	-.030	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	49	0	0	0	27	E	1200					0	0		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0503 SUNSET 1823

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1073OP / 1848P /

0952 BAROGRAPH CHANGED - RESET TO ZERO COR.

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, NV

DATE: APR 20 1987

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			236	47	10	03	17		026	110	JS
SA	0151	CLR	20			236	46	10	03	15		026		JS
SA	0250	CLR	20			240	45	8	03	14		027		JS
SA	0356	CLR	20			244	44	9	03	15		028	307 44 RADAT	DC
													25L 073095 116	
SA	0455	CLR	20			250	43	9	03	13		030		DC
SA	0555	CLR	20			255	45	11	05	11		032		DC
SA	0653	CLR	20			264	48	11	03	13		034	317	DC
SA	0754	CLR	20			259	52	12	01	15		033		DC
SA	0856	CLR	20			262	57	13	04	13		034		DC
SA	0956	CLR	20			259	59	11	06	13		033	703 43	DC
SA	1053	CLR	20			254	62	12	07	10	G16	032		DC
SA	1157	CLR	20			241	65	12	04	10		029		DC
SA	1256	CLR	20			238	66	12	01	12		028	715	DC
SA	1355	CLR	20			229	68	12	01	08		025		DC
SA	1452	CLR	20			220	70	12	07	08		023		DC
SA	1553	CLR	20			214	70	13	12	12		020	722 71 RADAT	JS
													25L098121	
SA	1654	CLR	20			212	70	12	11	13		020		JS
SA	1753	CLR	20			213	68	12	12	13		020		JS
SA	1850	CLR	20			216	65	11	09	09		022	303	JS
SA	1950	CLR	20			222	65	11	09	10		024		JS
SA	2052	CLR	20			228	57	13	01	08		025		JS
SA	2152	CLR	20			229	54	14	03	06		025	110 71	JS
SA	2250	CLR	20			232	57	14	09	05		026		JS
SA	2350	CLR	20			234	52	14	29	03		027		JS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: APR 20 1987

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	HRS.
00 50	26.880			22	0															0	1	.030			00-01
01 51	26.830			23	0															0					01-02
02 50	26.840			22	0															0					02-03
03 56	26.850			24	0															0	3	.020			03-04
04 55	26.865			24	0															0					04-05
05 55	26.880			25	0															0					05-06
06 53	26.900			22	0															0	3	.050			06-07
07 54	26.890			20	0															0					07-08
08 56	26.900			17	0															0					08-09
09 56	26.890			15	0															0	7	.010			09-10
10 53	26.880			14	0															0					10-11
11 57	26.855			12	0															0					11-12
12 56	26.845			12	0															0	7	.045			12-13
13 55	26.820			11	0															0					13-14
14 52	26.800			10	0															0					14-15
15 53	26.780			11	0															0	7	.065			15-16
16 54	26.780			11	0															0					16-17
17 53	26.780			11	0															0					17-18
18 50	26.790			12	0															0	3	.010			18-19
19 50	26.810			12	0															0					19-20
20 52	26.820			17	0															0					20-21
21 56	26.820			20	0															0	1	.030			21-22
22 50	26.830			23	0															0					22-23
23 50	26.840			21	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	48	44	X	X						X		
	0348	1	0	0	0	49	44		0								
	0950	2	0	0	0	60	43		0								
	1550	3	0	0	0	71	59		0								
	2153	4	0	0	0	70	54		0								
	MID.	X	0	0	0	55	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0953	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.850	26.890	26.780	26.820
BAROGRAPH 64	26.860	26.910	26.800	26.840
BAR. CORR. 65	-.010	-.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 UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
71	43	0	0	0	22	NE	1223					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 0504 SUNSET 1822

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1015P / 1844P /

0151 / TIME / 0151

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 19 1987

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	CLR	20			127	43	6	01	07		997	136	MR
SA	0153	CLR	20			139	40	8	07	05		000		MR
SA	0252	CLR	20			146	41	9	35	08		002		MR
SA	0353	CLR	20			152	37	8	04	08		003	119 37 RADAT 30058	DC
SA	0455	CLR	20			160	37	9	05	06		005		DC
SA	0555	CLR	20			174	39	11	02	05		008		DC
SA	0655	CLR	20			180	45	13	02	12		011	224	DC
SA	0749	CLR	20			188	47	11	04	11	G19	012		DC
SA	0856	CLR	20			191	50	10	03	12		013		DC
SA	0957	CLR	20			190	52	8	03	13	G21	013	105 35	DC
SA	1054	CLR	20			191	53	10	02	14	G19	013		DC
SA	1154	CLR	20			184	57	9	06	10	G30	011		DC
SA	1256	CLR	20			188	59	9	06	23		012	503	DC
SA	1355	CLR	20			181	61	8	03	11		009		DC
SA	1455	CLR	20			176	62	7	04	15	G22	008		DC
SA	1554	300-SCT	20			183	63	7	05	10		009	505 1001 63	JS
SA	1650	300-SCT	20			186	62	6	04	09	G16	011	RADAT 20084	JS
SA	1752	CLR	20			189	61	5	06	14		012		JS
SA	1853	300-SCT	20			201	57	4	05	10		015	317 1001	JS
SA	1950	CLR	20			207	56	4	07	11		017		JS
SA	2050	CLR	20			220	51	5	02	11		020		JS
SA	2155	CLR	20			226	49	5	02	11		023	224 63	JS
SA	2250	CLR	20			235	48	6	02	11		025		JS
SA	2355	CLR	20			236	48	8	04	14		026		JS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 19 1987

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	26.565			21	0															0	1	.105			00-01
01 53	26.590			26	0															0					01-02
02 52	26.610			26	0															0					02-03
03 53	26.620			30	0															0	1	.055			03-04
04 55	26.640			31	0															0					04-05
05 55	26.670			31	0															0					05-06
06 55	26.690			27	0															0	2	.070			06-07
07 49	26.695			23	0															0					07-08
08 56	26.705			20	0															0					08-09
09 57	26.705			17	0															0	1	.015			09-10
10 54	26.705			18	0															0					10-11
11 54	26.690			15	0															0					11-12
12 56	26.685			13	0															0	5	.010			12-13
13 55	26.680			12	0															0					13-14
14 55	26.670			11	0															0					14-15
15 54	26.680			11	2	2	C1	300												0	5	.015			15-16
16 50	26.680			11	1															0					16-17
17 52	26.685			11	0															0					17-18
18 53	26.730			11	1	1	C1	300												0	3	.050			18-19
19 50	26.750			12	0															0					19-20
20 50	26.780			15	0															0					20-21
21 55	26.800			16	0															0	2	.070			21-22
22 50	26.820			17	0															0					22-23
23 55	26.830			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	47	37	X	X						X		
	0348	1	0	0	0	51	37		0								
	0950	2	0	0	0	52	35		0								
	1552	3	0	0	0	63	52		0								
	2153	4	0	0	0	63	49		0								
	MID.	X	0	0	0	49	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.705	26.680	26.800
BAROGRAPH 64	26.625	26.720	26.685	26.805
BAR. CORR. 65	-.005	-.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	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	35	0	0	0	30	NE	1150					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 0505 SUNSET 1821

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1080OP/1643P/

☆ U.S. Government Printing Office: 1986—654-383

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 18 1987

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	0053	E140 BKN 180 OVC	20			998	71	17	19	13	G21	965	610 105/	MR
SA	0154	E140 BKN 180 BKN 250 OVC	20			994	67	20	30	05		963		MR
SA	0251	E140 BKN 180 BKN 250 OVC	20			995	69	17	19	10	G24	964		MR
SA	0350	E140 BKN 250 OVC	20			990	67	21	21	16	G23	962	708 1078 67 RADAT 20126	MR
SA	0450	140 SCT E 250 OVC	20			988	66	18	19	14	G21	961		MR
SA	0553	E140 BKN 220 OVC	20			997	67	18	19	18	G26	963		MR
SA	0655	E140 BKN 220 OVC	20			005	68	18	20	15	G21	965	BINOVC/ 310 1078	MR
SA	0750	220 SCT	20			010	70	19	21	15	G20	966	FEW AC	MR
SA	0851	220 SCT	20			001	73	20	20	22	G31	964		MR
SA	0950	220 SCT	20			001	75	23	19	22	G32	964	803 1008 66	MR
SA	1054	CLR	20			988	77	25	21	30	G39	961	PK WND 2144/37	MR
SA	1150	CLR	20			980	78	27	20	26	G35	959	PK WND 2043/35	MR
SA	1250	CLR	20			975	77	28	21	30	G46	956	PK WND 2146/45 / 724	MR
—	—						~~77~~	~~27~~					1008	—
SA	1350	CLR	20			973	77	27	19	30	G42	955	PK WND 1944/10	MR
SA	1451	CLR	20			968	77	27	19	25	G39	954	PK WND 1942/12	MR
SA	1554	CLR	20			965	76	25	19	26	G39	953	PK WND 1939/52 710	MR
													1008 79	
SA	1652	CLR	20			962	74	24	20	24	G33	952	PK WND 1936/24	MR
SA	1751	250 -SCT	20			968	70	20	20	23	G30	953	PK WND 2037/25	MR
SA	1855	CLR	20			990	67	17	22	16	G24	959	319 1002	MR
SP	1929	CLR	20						04	32	G44	962	WSHFT 27 FROPA	MR
SA	~~1957~~ 2057	CLR	7			035	55	8	03	25	G35	971	PRESRR WSHFT 22 FROPA	MR
													PK WND 0444/29	
SA	2051	CLR	10			066	52	2	01	20	G28	980	PRESRR	MR
SA	~~2155~~ 2255	CLR	10			084	51	0	01	18	G24	985	1796 79	MR
SA	2252	CLR	20			099	49	0	01	13		990		MR
SA	2355	CLR	20			112	47	3	35	10		994		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 $i_R i_x$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 18 1987

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	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 53	26.275			13	10	7	Ac	E140	3	Ac	180	10								10	6	.030			00-01
01 54	26.260			16	10															8					01-02
02 51	26.245			13	10															9					02-03
03 50	26.250			17	10	6	Ac	E140	4	Cs	250	10								7	7	.025			03-04
04 50	26.240			16	10															6					04-05
05 53	26.260			15	10															8					05-06
06 55	26.280			15	10	6	Ac	E140	4	Cs	220	10								9	3	.030			06-07
07 50	26.290			14	3															3					07-08
08 51	26.270			13	1															1					08-09
09 50	26.270			14	1	1	Cs	220												1	8	.010			09-10
10 54	26.240			15	0															0					10-11
11 50	26.220			15	0															0					11-12
12 50	26.200			16	0	0	Cs	220												0	7	.070			12-13
13 50	26.190			16	0															0					13-14
14 51	26.180			16	0															0					14-15
15 54	26.170			15	0	0	Cs	250												0	7	.030			15-16
16 52	26.155			15	0															0					16-17
17 51	26.170			15	1															0					17-18
18 55	26.225			14	0	0	Ci	250												0	3	.055			18-19
19 57	26.330			15	0															0					19-20
20 51	26.410			13	0															0					20-21
21 55	26.460			12	0															0	1	.235			21-22
22 52	26.500			13	0															0					22-23
23 55	26.535			16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	73	67	X	X						X		
	0346	1	0	0	0	73	67		0								
	0945	2	0	0	0	75	66		0								
	1550	3	0	0	0	79	74		0								
	2151	4	0	0	0	76	50		0								
	MID.	X	0	0	0	51	47	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.250	26.270	26.170	26.460
BAROGRAPH 64	26.250	26.270	26.180	26.460
BAR. CORR. 65	±.0	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 4 AM 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	47	0	0	0	46	SW	1245					2	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 CORRECT TO NEAREST MINUTE AT: 1045 3P/1748P/

1350/1830

1929/1855

1957/2051/2155/TIMES/2221

2155/APP/2221

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 1987

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)	OBSERVATIONS (15)
SA	2054	250 -OVC	20			094	56	17	06	05		991	810 1007	MR
SA	0157	250 -OVC	20			088	56	17	07	06		989		MR
SA	0253	250 -BKN	20			087	52	18	03	04		988		MR
SA	0354	250 -SCT	20			084	53	18	12	05		987	610 1008 51 RADAT 20134	MR
SA	0453	250 SCT	20			086	52	18	12	06		987		MR
SA	0550	250 SCT	20			094	49	21	06	03		988		MR
SA	0653	250 -BKN	20			091	59	19	10	03		988	103 1008	MR
SA	0753	250-BKN	20			090	66	21	00	00		987		MR
SA	0850	250-BKN	20			082	76	21	23	03		986		MR
SA	0950	250-BKN	20			075	80	25	28	05		985	710 1008 49	MR
SA	1055	250 SCT	20			068	85	29	24	15	G20	983		MR
SA	1150	250 SCT	20			055	85	30	19	16	G21	980		MR
SA	1257	250 SCT	20			050	86	31	20	17	G22	977	724 1008	MR
SA	1352	250 SCT	20			042	86	31	22	18	G25	975		MR
SA	1450	250 SCT	20			030	86	31	20	13	G24	972		MR
SA	1557	CLR	20			021	86	30	20	15	G20	969	727 1001 87 RADAT 20132	MR
SA	1655	CLR	20			016	84	29	20	14		967		MR
SA	1757	CLR	20			014	81	26	19	14		965		MR
SA	1853	CLR	20			009	79	24	20	14	G20	965	610 1001	MR
SA	1953	CLR	20			017	76	21	22	12		968		MR
SA	2051	250 SCT	20			014	75	21	20	13	G19	969		MR
SA	2154	250 -OVC	20			011	73	20	20	14	G27	968	008 1007 87	MR
SA	2252	250 -OVC	20			002	73	17	20	14	G20	966		MR
SA	2353	E170 BKN 250 OVC	20			998	73	18	20	17	G24	965		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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 17 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.510			21	10	10	CS	250												2	8	.030			00-01
01 57	26.495			22	10															2					01-02
02 53	26.485			26	8															2					02-03
03 54	26.480			25	3	3	CS	250												0	6	.030			03-04
04 53	26.480			26	5															3					04-05
05 50	26.490			33	5															3					05-06
06 53	26.490			21	8	8	CS	250												4	1	.010			06-07
07 53	26.480			18	8															4					07-08
08 50	26.470			13	9															4					08-09
09 50	26.460			13	7	7	CS	250												2	7	.030			09-10
10 55	26.440			13	3															2					10-11
11 50	26.410			14	3															2					11-12
12 57	26.390			14	3	3	CS	250												2	7	.070			12-13
13 52	26.370			14	3															2					13-14
14 50	26.335			14	3															2					14-15
15 57	26.310			14	0	0	CI	250												0	7	.080			15-16
16 55	26.295			13	0															0					16-17
17 57	26.280			13	0															0					17-18
18 53	26.280			13	0	0	CI	250												0	6	.030			18-19
19 53	26.305			13	0															0					19-20
20 51	26.310			13	3															2					20-21
21 54	26.305			13	10	10	CS	250												3	0	.025			21-22
22 52	26.285			12	10															3					22-23
23 53	26.275			12	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	63	51	X	X						X		
	0350	1	0	0	0	67	51		0								
	0945	2	0	0	0	81	49		0								
	1552	3	0	0	0	87	80		0								
	2150	4	0	0	0	86	73		0								
	MID.	X	0	0	0	73	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.460	26.310	26.305
BARGRAPH 64	26.465	26.460	26.320	26.305
BAR. CORR. 65	+.015	*0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNOFFL TD (Ins.) 69	SNOW DEPTH (Ins.) 4 AM 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
87	49	0	0	0	27	S	2142 1/					4	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0508 SUNSET 1820

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0337P / 1657P /

*BAROGRAPH RESET - CHANGED

1/ LAST OF SEVERAL OCCURENCES

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 1987

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)	OBSERVERS INITIALS (15)
SA	0052	250 -BKN	20			170	53	16	10	07		012	107 1008	WRG
SA	0152	250 -SCT	20			166	53	16	12	04		011		WRG
SA	0252	250 -BKN	20			170	54	16	00	00		012		WRG
SA	0354	250 - BKN	20			173	48	19	03	03		012	500 1008 48 RADAT 20130	[illegible]
SA	0455	250 - BKN	20			175	52	17	02	06		013		[illegible]
SA	0556	250 - BKN	20			179	54	19	00	00		014		[illegible]
SA	0651	250-BKN	20			185	61	20	00	00		015	210 1008	[illegible]
SA	0757	250 - BKN	20			178	70	24	33	03		014		[illegible]
SA	0854	250 - BKN	20			173	79	24	29	04		013		[illegible]
SA	0957	250-BKN	20			169	83	27	00	00		012	710 1008 47	[illegible]
SA	1051	250-BKN	20			156	85	30	23	12		008		[illegible]
SA	1152	250-BKN	20			149	86	31	20	08		006		[illegible]
SA	1252	250-BKN	20			138	88	33	20	12		003	727 1008	[illegible]
SA	1358	250-BKN	20			130	89	34	22	09		001		[illegible]
SA	1452	250-OVC	20			118	88	34	25	09		997		[illegible]
SA	1556	250 -OVC	20			113	88	33	28	06		995	724 1007 89 RADAT 20136	MR
SA	1652	250 -OVC	20			109	86	31	25	08		994		MR
SA	1751	250 -OVC	20			106	82	29	28	05		993		MR
SA	1851	250 -OVC	20			109	75	22	00	00		994	503 1007	MR
SA	1955	250 -OVC	20			112	65	17	09	03		994		MR
SA	2058	250 -OVC	20			111	63	16	07	04		995		MR
SA	2153	250 -OVC	20			105	63	16	11	07		994	000 1007 89	MR
SA	2254	250 -OVC	20			106	58	17	34	03		994		MR
SA	2352	250 -OVC	20			099	60	16	05	06		992		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 1-10A (1-82) WHICH MAY BE USED.

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 16 1987

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	26.700			23	7	7	CS	250												3	1	.020			00-01
01 52	26.690			23	4															2					01-02
02 52	26.700			23	6															3					02-03
03 54	26.700			31	7	7	CS	250												2	5	.000			03-04
04 55	26.710			25	6															2					04-05
05 56	26.720			25	6															2					05-06
06 51	26.730			20	6	6	CS	250												2	2	.030			06-07
07 57	26.720			18	6															2					07-08
08 54	26.710			13	6															2					08-09
09 57	26.700			13	6	6	CS	250												2	7	.030			09-10
10 51	26.670			14	7															3					10-11
11 52	26.650			14	7															2					11-12
12 52	26.620			14	7	7	CS	250												2	7	.080			12-13
13 58	26.600			14	7															2					13-14
14 52	26.570			15	10															3					14-15
15 56	26.550			14	10	10	CS	250												3	7	.070			15-16
16 52	26.540			14	10															4					16-17
17 51	26.530			14	10															5					17-18
18 51	26.540			14	10	10	CS	250												4	5	.010			18-19
19 55	26.545			16	10															3					19-20
20 58	26.550			16	10															3					20-21
21 53	26.540			16	10	10	CS	250												1	0	.000			21-22
22 54	26.540			19	10															2					22-23
23 52	26.525			18	10															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 0350	X	0	0	X	58	48	X	X						X		
	0350	1	0	0	0	59	48		0								
	0953	2	0	0	0	83	47		0								
	1552	3	0	0	0	89	83		0								
	2150	4	0	0	0	88	61		0								
	MID.	X	0	0	0	67	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0957	1555	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.550	26.540
BAROGRAPH 64	26.685	26.685	26.545	26.525
BAR. CORR. 65	+.015	+.015	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM 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 GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	47	0	0	0	14	SW	1637 1/					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0509 SUNSET 1819

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10523P/ 1633P /

1/ LAST OF SEVERAL OCCURENCES

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 1987

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. REPORTING INITIALS (15)
SA	0052	250 -SCT	20			166	52	21	04	05		009	400 1008	WRG
SA	0152	250 -BKN	20			165	53	20	01	07		009		WRG
SA	0252	250 -SCT	20			166	49	22	13	04		009		WRG
SA	0351	250 - SCT	20			170	49	22	04	05		011	303 1008 48 RADAT 20130	[illegible]
SA	0452	250 - OVC	20			174	49	23	13	04		012		[illegible]
SA	0550	200 SCT E 250 OVC	20			180	48	24	26	03		013		[illegible]
SA	0652	200 SCT E 250 OVC	20			185	55	24	00	00		015	312 1007	[illegible]
SA	0755	200 SCT E 250 OVC	20			185	66	26	36	03		015		[illegible]
SA	0854	250-OVC	20			183	74	21	28	03		015		[illegible]
SA	0957	250-OVC	20			182	79	24	26	06		015	102 1007 47	[illegible]
SA	1056	250-OVC	20			179	80	24	22	08		014		[illegible]
SA	1154	250-OVC	20			174	82	26	19	07		013		[illegible]
SA	1255	250-BKN	20			171	84	29	23	08		012	610 1008	[illegible]
SA	1354	250-SCT	20			163	84	29	22	07		009		[illegible]
SA	1455	250-SCT	20			157	84	29	26	09		007		[illegible]
SA	1552	250 -SCT	20			149	85	30	24	10		005	720 1008 86 RADAT 20137	WRG
SA	1652	250 -OVC	20			147	83	28	23	07		004		WRG
SA	1752	250 -OVC	20			148	80	25	28	05		004		WRG
SA	1852	250 -OVC	20			154	69	18	36	07		005	500 1007	WRG
SA	1952	250 -OVC	20			159	66	16	11	04		007		WRG
SA	2052	250 -OVC	20			164	61	17	07	04		009		WRG
SA	2152	250 -OVC	20			163	58	17	14	03		009	114 1007 86	WRG
SA	2252	250 -OVC	20			166	58	16	00	00		011		WRG
SA	2352	250 -OVC	20			169	56	16	00	00		012		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: APR 15 1987

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	26.680			30	5	5	CS	~50												2	4	.000			00-01
01 52	26.680			27	8															3					01-02
02 52	26.680			33	3															1					02-03
03 51	26.690			34	3	3	CS	250												1	3	.010			03-04
04 52	26.700			36	10															3					04-05
05 50	26.705			39	10															6					05-06
06 52	26.725			30	10	3	CS	200	10	CS	E250	10								6	3	.035			06-07
07 55	26.730			22	10															6					07-08
08 54	26.730			14	10															4					08-09
09 57	26.730			13	10	10	CS	250												3	1	.005			09-10
10 56	26.720			13	10															3					10-11
11 54	26.705			13	10															1					11-12
12 55	26.700			14	8	8	CS	250												1	6	.030			12-13
13 54	26.680			14	5															1					13-14
14 55	26.660			14	3															0					14-15
15 52	26.640			14	4	4	CS	250												1	7	.060			15-16
16 52	26.630			14	10															3					16-17
17 52	26.630			13	10															4					17-18
18 52	26.640			14	10	10	CS	250												4	5	.000			18-19
19 52	26.660			14	10															3					19-20
20 52	26.680			18	10															4					20-21
21 52	26.680			20	10	10	CS	250												5	1	.040			21-22
22 52	26.690			19	10															4					22-23
23 52	26.700			21	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	55	48	X	X						X		
	0347	1	0	0	0	59	48		0								
	0952	2	0	0	0	80	47		0								
	1548	3	0	0	0	86	79		0								
	2148	4	0	0	0	85	57		0								
	MID.	X	0	0	0	59	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0957	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.730	26.640	26.680
BAROGRAPH 64	26.660	26.710	26.635	26.665
BAR. CORR. 65	+.030	+.020	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
86	47	0	0	0	15	SW	1527					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0511 SUNSET 1818

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065P/1942/

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 14 1987

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-°) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0052	250 -BKN	20			199	51	18	32	05		015	400 1001	WRG
SA	0152	250 -BKN	20			196	48	19	09	05		014		WRG
SA	0252	250 -SCT	20			183	47	19	05	06		013		WRG
SA	0356	250 -SCT	20			182	47	19	16	03		013	607 1001 46	SH
	—		—			—						—	RADAT 20128	—
SA	0454	250 -BKN	20			182	45	19	36	07		013		SH
SA	0552	E250 OVC	20			188	46	22	00	00		014		SH
SA	0649	E250 OVC	20			194	54	20	00	00		016	310 1007	SH
SA	0752	250 -OVC	20			192	62	21	30	03		016		SH
SA	0852	E250 OVC	20			191	67	19	07	05		016		SH
SA	0956	250 -OVC	20			186	71	18	14	10		015	803 1007 45	SH
SA	1052	250 -OVC	20			182	75	18	15	06		014		SH
SA	1151	250 -OVC	20			177	78	22	22	06		013		SH
SA	1253	250 -BKN	20			170	78	24	10	06		011	714 1008	SH
SA	1352	250 -OVC	20			163	80	25	18	05		008		SH
SA	1450	250 -OVC	20			155	80	25	24	10		006		SH
SA	1552	250 -OVC	20			148	81	25	22	11		004	720 1007 82 RADAT 20131	WRG
SA	1652	250 -OVC	20			146	80	24	25	12		003		WRG
SA	1752	160 SCT E250 OVC	20			149	75	19	21	06		003		WRG
SA	1852	160 SCT E250 OVC	20			154	71	19	23	06		005	303 1037	WRG
SA	1952	160 SCT E250 BKN	20			160	65	21	07	04		007		WRG
SA	2050	E160 BKN 250 BKN	20			163	60	22	07	06		008		WRG
SA	2152	160 SCT 250 -BKN	20			166	57	22	06	05		009	214 1078 82	WRG
SA	2252	160 SCT 250 -SCT	20			165	54	21	04	04		009		WRG
SA	2352	250 -BKN	20			164	53	21	11	04		009		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 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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 14 1987

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	26.730			28	6	6	CI	250												2	4	.000			00-01
01 52	26.720			31	7															3					01-02
02 52	26.710			33	5															2					02-03
03 56	26.710			32	5	5	CI	250												1	6	.020			03-04
04 54	26.710			34	7															1					04-05
05 52	26.720			39	10															6					05-06
06 49	26.740			25	10	10	CS	E250												6	3	.030			06-07
07 52	26.740			20	10															5					07-08
08 52	26.740			16	10															6					08-09
09 56	26.730			13	10	10	CS	250												5	8	.010			09-10
10 52	26.720			12	10															4					10-11
11 51	26.710			12	10															5					11-12
12 53	26.690			13	8	8	CS	250												2	7	.040			12-13
13 52	26.670			13	10															4					13-14
14 50	26.650			13	10															3					14-15
15 52	26.630			13	10	10	CS	250												4	7	.060			15-16
16 52	26.620			13	10															4					16-17
17 52	26.620			12	10															6					17-18
18 52	26.640			14	10	4	AC	160	6	CS	E250	10								7	3	.010			18-19
19 52	26.660			18	9															7					19-20
20 50	26.670			24	9															7					20-21
21 52	26.690			26	9	3	AC	160	6	CS	250	9								4	2	.040			21-22
22 52	26.680			27	5															2					22-23
23 52	26.690			28	6															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 0351	X	0	0	X	52	46	X	X						X		
	0351	1	0	0	0	58	46		0								
	0853	2	0	0	0	71	45		0								
	1548	3	0	0	0	82	71		0								
	2148	4	0	0	0	81	57		0								
	MID.	X	0	0	0	59	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0854	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.630	26.690
BAROGRAPH 64	26.700	26.720	26.635	26.665
BAR. CORR. 65	+.010	+.010	-.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNBLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	45	0	0	0	16	SW	1539					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0512 SUNSET 1817

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065OP/2301 /

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

☆ U.S. Government Printing Office: 1986—654-383

MF 1-10A (5-83)

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

STATION: WSMO, DESERT ROCK, NEVADA

DATE: APR 13 1987

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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INTERVAL (15)
SA	0052	250 -SCT	20			185	51	10	08	06		013	310 1001	WRG
SA	0152	CLR	20			182	50	10	11	06		012	FEW CI W	WRG
SA	0250	CLR	20			180	52	8	05	12		012		WRG
SA	0355	CLR	20			190	49	9	10	07		014	303 44 RADAT 26125	SH
SA	0455	CLR	20			197	49	9	16	02		016	FEW CI	SH
SA	0554	CLR	20			202	48	12	06	09		017	FEW CI	SH
SA	0652	CLR	20			209	54	12	04	14		019	217 1001	SH
SA	0749	CLR	20			214	57	12	04	11		020	FEW CI	SH
SA	0852	CLR	20			211	63	12	04	05		020		SH
SA	0951	CLR	20			207	65	11	11	09		019	000 1001 44	SH
SA	1053	250 -SCT	20			201	67	11	14	11		018		SH
SA	1152	250 -SCT	20			197	69	14	13	07		017		SH
SA	1252	CLR	20			189	72	17	14	10		015	714	SH
SA	1354	CLR	20			182	73	18	10	11		013	FEW CI	SH
SA	1450	CLR	20			172	74	19	15	10		011		SH
SA	1552	250 -SCT	20			169	75	19	14	06		009	717 1001 75 RADAT 33117	WRG
SA	1652	250 -SCT	20			170	74	18	11	05		009		WRG
SA	1752	250 -BKN	20			171	71	15	15	06		009		WRG
SA	1852	250 -OVC	20			179	66	16	12	08		012	307 1001	WRG
SA	1952	250 -BKN	20			187	62	18	10	08		014		WRG
SA	2050	250 -BKN	20			190	59	17	11	07		015		WRG
SA	2152	250 -SCT	20			190	57	17	10	06		015	110 1001 75	WRG
SA	2252	250 -SCT	20			190	54	17	04	06		015		WRG
SA	2352	250 -SCT	20			191	51	18	05	05		015		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 13 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.710			18	3	3	CI	250												1	3	.030			00-01
01 52	26.700			19	0															0					01-02
02 50	26.700			17	0															0					02-03
03 55	26.720			19	0															0	3	.010			03-04
04 55	26.740			20	0															0					04-05
05 54	26.750			23	0															0					05-06
06 52	26.770			18	0	0	CI	250												0	2	.050			06-07
07 49	26.780			17	0															0					07-08
08 52	26.780			13	0															0					08-09
09 51	26.770			12	0	0	CI	250												0	0	.000			09-10
10 53	26.760			11	2															0					10-11
11 52	26.750			12	1															0					11-12
12 52	26.730			12	0															0	7	.040			12-13
13 54	26.710			13	0															0					13-14
14 50	26.690			12	0															0					14-15
15 52	26.680			12	1	1	CI	250												0	7	.050			15-16
16 52	26.680			12	4															1					16-17
17 52	26.680			11	6															2					17-18
18 52	26.700			14	10	10	CI	250												3	3	.020			18-19
19 52	26.720			18	9															4					19-20
20 50	26.730			19	8															3					20-21
21 52	26.730			21	2	2	CI	250												0	1	.030			21-22
22 52	26.730			23	3															1					22-23
23 52	26.730			27	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 0351		0	0		53	44										
	0351	1	0	0	0	55	44		0								
	0948	2	0	0	0	65	46		0								
	1548	3	0	0	0	75	65		0								
	2148	4	0	0	0	75	57		0								
	MID.		0	0	0	58	50										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.770	26.680	26.730
BAROGRAPH 64	26.720	26.780	26.685	26.720
BAR. CORR. 65	±0	-.010	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNNL TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
75	44	0	0	0	17	NE	0614					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 0513 SUNSET 1816

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10450P/2240 /

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 12 1987

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	CLR	20			059	59	25	03	09		979	110 1500	EP
SA	0151	CLR	20			071	58	20	04	12		982		EP
SA	0250	CLR	20			083	55	18	05	13		985		EP
SA	0355	CLR	20			098	53	15	06	12		990	234 53 RADAT51097	SH
SA	0455	CLR	20			117	51	12	07	12		995	FEW CI	SH
SA	0555	CLR	20			135	51	13	06	11		000		SH
SA	0655	CLR	20			152	53	13	05	13		003	241	SH
SA	0755	CLR	20			156	55	14	06	12		004		SH
SA	0854	250 - BKN	20			164	57	12	04	14	G23	006		SH
SA	0957	250 - SCT	20			165	58	9	02	20	G27	007	214 1008 51	SH
SA	1055	250 - SCT	20			167	60	10	06	11	G24	008		SH
SA	1152	250 - SCT	20			161	62	9	05	16		006		SH
SA	1255	250 - SCT	20			147	65	12	04	14		003	814 1008	SH
SA	1353	250 - SCT	20			144	65	13	36	05		002		SH
SA	1449	250 - BKN	20			140	66	13	04	11	G18	001		SH
SA	1552	250 - BKN	20			141	66	14	04	10	G18	001	607 1008 67 Radat 20092	WRG
SA	1652	250 - BKN	20			142	66	12	05	11	G19	001		WRG
SA	1752	250 - BKN	20			143	65	11	05	08	G16	001		WRG
SA	1852	250 - SCT	20			148	61	8	08	09		002	303 1008	WRG
SA	1952	250 - SCT	20			163	55	7	06	08		005		WRG
SA	2050	CLR	20			169	54	9	04	09		007		WRG
SA	2152	CLR	20			176	53	10	04	11		009	224 67	WRG
SA	2252	250 - SCT	20			175	53	9	09	05		009		WRG
SA	2352	250 - BKN	20			178	53	10	04	08		011		WRG

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

FM12-VII: $IIiii\ i_R i_x hVV\ Nddff\ 1s_nTTT\ 2s_nT_dT_dT_d\ 3P_oP_oP_oP_o\ 4PPPP\ 5appp\ 6RRRt_R\ 7wwW_1W_2\ 8N_hC_LC_MC_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 12 1987

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	26.400			27	0	0	SC	80												0	1	.030			00-01
01 51	26.430			23	0															0					01-02
02 50	26.460			23	0															0					02-03
03 55	26.500			22	0															0	2	.100			03-04
04 55	26.545			21	0															0					04-05
05 55	26.585			21	0															0					05-06
06 55	26.620			19	0															0	2	.120			06-07
07 55	26.630			19	0															0					07-08
08 54	26.650			17	6															0					08-09
09 57	26.660			14	4	4	CS	250												0	2	.040			09-10
10 55	26.665			14	4															0					10-11
11 52	26.650			12	5															0					11-12
12 55	26.620			12	3	3	CS	250												0	8	.040			12-13
13 53	26.610			13	2															0					13-14
14 49	26.600			13	6															0					14-15
15 52	26.600			13	8	8	CS	250												2	6	.020			15-16
16 52	26.600			12	8															3					16-17
17 52	26.600			12	8															2					17-18
18 52	26.610			12	5	5	CS	250												2	3	.010			18-19
19 52	26.640			14	1															0					19-20
20 50	26.660			16	0															0					20-21
21 52	26.680			18	0															0	2	.070			21-22
22 52	26.680			17	3															1					22-23
23 52	26.690			17	6															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 0352		0	0		62	53										
	0352	1	0	0	0	62	53		0								
	0955	2	0	0	0	58	51		0								
	1548	3	0	0	0	67	58		0								
	2148	4	0	0	0	67	52		0								
	MID.		0	0	0	55	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.660	26.600	26.680
BAROGRAPH 64	26.500	26.660	26.605	26.680
BAR. CORR. 65	±0	±0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	48A 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	51	0	0	0	29	N	1000					4	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 CORRECT TO NEAREST MINUTE AT: 1072OP / 2142P

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 11 1987

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)	OR METERS ATLAS (15)
SA	0056	E250 OVC	20			050	67	24	30	09		979	717 1002	EP
SA	0150	E200 OVC	20			043	67	25	27	10		976		EP
SA	0252	E200 OVC	20			045	62	29	03	05		976		EP
SA	0350	E200 OVC	20			050	62	30	34	05		977	503 1007 60	CH
													RADAT 35120	
SA	0450	E200 OVC	20			055	60	32	34	08		979		CH
SA	0550	E200 OVC	20			060	58	33	32	06		980		CH
SA	0650	E200 OVC	20			065	62	37	35	05		981	210 1007	CH
SA	0750	E200 OVC	20			065	66	38	24	06		981		CH
SA	0850	E200 OVC	20			064	67	37	24	10		981	~~1007 57~~	CH
SA	0950	E200 OVC	20			065	66	38	23	10		981	400 1007 57	CH
SA	1050	E200 OVC	20			060	67	37	23	08		980		CH
SA	1150	E200 OVC	20			052	70	37	26	07		977		CH
SA	1250	E200 OVC	20			048	70	35	23	09		976	714 1007	CH
SA	1350	E200 OVC	20			037	72	34	23	07		973		CH
SA	1450	E200 OVC	20			034	73	33	23	11		972		CH
SA	1554	E200 OVC	20			025	74	31	25	09		970	720 1107 74 RADAT 49112	EP
SA	1651	200-BKN	20			026	74	29	22	07		970		EP
SA	1752	200-BKN	20			025	71	30	24	06		969		EP
SA	1851	CLR	20			027	63	32	00	00		969	603 1401	EP
SA	1950	CLR	20			035	60	32	03	08		971		EP
SA	2051	CLR	20			043	57	33	00	00		973		EP
SA	2152	CLR	20			050	60	30	00	00		975	220 74	EP
SA	2251	80 SCT	20			062	57	31	10	04		979		EP
SA	2351	80 SCT	20			061	55	31	10	03		979		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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 11 1987

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	26.400			20	10	10	CI	E250												8	7	.050			00-01
01 50	26.380			20	10															10					01-02
02 52	26.380			29	10															9					02-03
03 50	26.390			30	10	10	CS	E200												9	5	.010			03-04
04 50	26.400			35	10															8					04-05
05 50	26.410			39	10															9					05-06
06 50	26.420			39	10	10	CS	E200												9	2	.030			06-07
07 50	26.420			36	10															10					07-08
08 50	26.420			33	10															10					08-09
09 50	26.420			36	10	10	CS	E200												10	4	.000			09-10
10 50	26.410			33	10															10					10-11
11 50	26.390			30	10															10					11-12
12 50	26.380			28	10	10	CS	E200												10	7	.040			12-13
13 50	26.350			25	10															10					13-14
14 50	26.340			23	10															10					14-15
15 54	26.320			21	10	0	CU	80	10	CS	E200	10								7	7	.060			15-16
16 51	26.320			19	9															4					16-17
17 52	26.310			22	9															3					17-18
18 51	26.310			31	0	0	SC	90	0	CI	200	0								0	6	.010			18-19
19 50	26.330			35	0															0					19-20
20 51	26.350			40	0															0					20-21
21 52	26.370			32	0															0	2	.060			21-22
22 51	26.400			37	1															1					22-23
23 51	26.400			40	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		69	60										
	0350	1	0	0	0	71	60		0								
	0948	2	0	0	0	67	57		0								
	1550	3	0	0	0	74	66		0								
	2049	4	0	0	0	74	56		0								
	MID.		0	0	0	61	54										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1551	2050
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.390	26.420	26.320	26.370
BAROGRAPH 64	26.385	26.410	26.325	26.370
BAR. CORR. 65	+.005	+.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 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	54	0	0	0	15	W	1207					10	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0516 SUNSET 1814

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10500 / /

0950/0950

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 10 1987

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	0251	CLR	20			160	58	30	06	05		008	103 1030	EP
SA	0330	CLR	20			158	53	31	01	04		007		EP
SA	0830	CLR	20			159	54	31	10	04		007		EP
SA	0350	CLR	20			166	51	31	07	06		009	303 51	CH
SA	0450	250 - SCT	20			166	54	31	00	00		009		CH
SA	0550	250 - SCT	20			168	51	33	13	04		009		CH
SA	0650	250 - SCT	20			170	60	34	00	00		011	303 1008	CH
SA	0750	250 - SCT	20			170	67	27	03	06		011		CH
SA	0850	250 - SCT	20			165	70	27	33	04		009		CH
SA	0950	250 - SCT	20			159	75	28	30	04		008	807 1008 50	CH
SA	1050	250 - BKN	20			151	77	33	24	06		006		CH
SA	1150	250 - BKN	20			140	78	31	22	12		003		CH
SA	1250	250 - OVC	20			132	79	29	21	11		001	724 1007	CH
SA	1350	E 250 OVC	20			119	80	31	24	12		996		CH
SA	1450	E 250 OVC	20			106	81	27	23	14		993		CH
SA	1553	E250 BKN	20			093	80	28	23	13 G21		988	737 1032 82 RADAT 41116	EP
SA	1650	E 250 OVC	20			088	79	28	23	09		987		EP
SA	1750	E250 BKN	20			083	77	29	18	09		985		EP
SA	1851	250 SCT	20			081	72	30	18	05		985	610 1002	EP
SA	1952	250 - BKN	20			079	68	29	11	06		985		EP
SA	2050	250 - BKN	20			078	69	25	10	05		985		EP
SA	2154	250 - BKN	20			073	68	27	21	10		984	803 1002 82	EP
SA	2251	E 250 BKN	20			062	70	31	19	08		982		EP
SA	2351	E 250 BKN	20			059	67	26	29	03		981		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 $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ 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
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 10 1987

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	WET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.670			34	0	0	Ac	120												0	1	.010			00-01
01 50	26.660			43	0															0					01-02
02 50	26.660			41	0															0					02-03
03 50	26.680			46	0															0	3	.010			03-04
04 50	26.680			41	3															0					04-05
05 50	26.680			50	3															0					05-06
06 50	26.690			38	4	4	CS	250												0	3	.010			06-07
07 50	26.690			22	4															0					07-08
08 50	26.680			20	4															0					08-09
09 50	26.670			18	4	4	CS	250												0	8	.020			09-10
10 50	26.650			20	7															1					10-11
11 50	26.620			18	8															3					11-12
12 50	26.600			16	10	10	CS	250												4	7	.070			12-13
13 50	26.560			17	10															6					13-14
14 50	26.530			14	10															6					14-15
15 53	26.490			15	8	0	Ac	150	8	Ci	250	8								5	7	.110			15-16
16 50	26.480			15	10															6					16-17
17 50	26.460			17	9															8					17-18
18 51	26.460			21	4	4	Ci	250												3	6	.030			18-19
19 52	26.460			23	6															3					19-20
20 50	26.460			19	9															4					20-21
21 54	26.450			21	9	9	Ci	250												4	8	.010			21-22
22 51	26.430			24	9															5					22-23
23 51	26.420			21	8															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		59	51										
	0348	1	0	0	0	63	51		0								
	0948	2	0	0	0	75	50		0								
	1549	3	0	0	0	82	74		0								
	2050	4	0	0	0	80	67		0								
	MID.		0	0	0	71	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2051
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.670	26.490	26.450
BAROGRAPH 64	26.670	26.680	26.500	26.460
BAR. CORR. 65	+.010	-.010	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
82	50	0	0	0	21	SW	1544					7	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 0517 SUNSET 1813

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10500 / 21251

0051/0850/0250/

☆ U.S. Government Printing Office: 1986—654-383

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 9 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0055	250-OVC	20			149	55	30	08	04		005	002 1007	EP
SA	0151	250-OVC	20			151	50	33	06	05		005		EP
SA	0251	250-OVC	20			153	51	32	00	00		005		EP
SA	0350	250-OVC	20			155	53	31	10	04		006	305 100750	/
/													RADAT 47110	CH
SA	0450	250-OVC	20			164	54	30	04	08		008		CH
SA	0550	250-OVC	20			170	58	31	09	04		011		CH
SA	0650	250-OVC	20			174	65	32	03	12		012	217 1007	CH
SA	0750	250-OVC	20			179	66	32	03	12		013		CH
SA	0850	250-OVC	20			182	70	33	04	10		014		CH
SA	0950	250-BKN	20			181	73	33	03	10		014	107 1008 50	CH
SA	1050	250-BKN	20			177	74	33	01	08		013		CH
SA	1150	250-BKN	20			170	76	31	33	08		011		CH
SA	1250	250-BKN	20			165	77	28	19	05		009	714 1008	CH
SA	1350	250-BKN	20			160	78	30	22	06		007	FEW CU	CH
SA	1450	250-BKN	20			152	76	32	28	06		005	FEW CU	CH
SA	1554	100 SCT 250 SCT	20			142	78	32	22	07		003	720 110180 RADAT 39111	EP
SA	1652	90 SCT	20			140	76	32	19	05		002		EP
SA	1755	90 SCT	20			135	74	33	15	04		001		EP
SA	1850	90 SCT	20			140	69	30	00	00		003	500 1100	EP
SA	1951	CLR	20			150	65	32	01	04		005		EP
SA	2050	CLR	20			158	62	34	00	00		007		EP
SA	2151	CLR	20			155	62	33	06	03		007	114 1030 80	EP
SA	2251	CLR	20			156	59	33	08	04		007		EP
SA	2350	CLR	20			160	59	29	03	07		008		EP

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 9 1987

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	26.635			38	10	10	CS	250												2	0	.005			00-01
01 51	26.635			52	10															2					01-02
02 51	26.640			48	10															1					02-03
03 50	26.650			43	10	10	CS	250												3	3	.015			03-04
04 50	26.670			40	10															4					04-05
05 50	26.690			36	10															4					05-06
06 50	26.700			29	10	10	CS	250												4	2	.050			06-07
07 50	26.710			28	10															4					07-08
08 50	26.720			26	10															3					08-09
09 50	26.720			23	7	7	CS	250												2	1	.020			09-10
10 50	26.710			22	6															1					10-11
11 50	26.690			19	6															1					11-12
12 50	26.680			16	6	6	CS	250												1	7	.040			12-13
13 50	26.660			17	6															2					13-14
14 50	26.640			20	7															2					14-15
15 54	26.620			19	2	2	CU	100	0	CI	250	2								2	7	.060			15-16
16 52	26.610			20	2															2					16-17
17 55	26.600			22	1															1					17-18
18 50	26.620			23	1	1	CU	90												1	5	.000			18-19
19 51	26.640			29	0															0					19-20
20 50	26.660			35	0															0					20-21
21 51	26.660			34	0	0	AC	120												0	1	.040			21-22
22 51	26.660			37	0															0					22-23
23 50	26.670			32	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		0	0		57	50										
	0348	1	0	0	0	59	50		0								
	0948	2	0	0	0	73	51		0								
	1549	3	0	0	0	80	72		0								
	2148	4	0	0	0	78	59		0								
	MID.		0	0	0	63	56										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.770	26.620	26.660
BAROGRAPH 64	26.615	26.685	26.625	26.660
BAR. CORR. 65	+.045	+.035*	-.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
80	50	0	0	0	18	NE	0633					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0517 SUNSET 1811

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035 / 2130

*BAROGRAPH CHANGED AND RESET

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [illegible]

DATE APR 8 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0057	CLR	20			172	53	31	02	03		011	103	[illegible]
SA	0153	CLR	20			173	51	34	02	05		011		[illegible]
SA	0250	CLR	20			180	47	36	00	00		012		CH
SA	0350	CLR	20			183	49	34	00	00		013	307 46 RADAT 41104	CH
SA	0450	CLR	20			191	47	33	00	00		015		CH
SA	0550	CLR	20			195	48	35	04	05		016		CH
SA	0650	250 - SCT	20			199	57	34	00	00		017	214 1001	CH
SA	0750	250 - SCT	20			198	63	35	31	04		017		CH
SA	0850	250 - SCT	20			191	67	34	13	06		016		CH
SA	0950	250 - SCT	20			186	71	34	27	06		015	807 1001 46	CH
SA	1050	250 - SCT	20			183	74	32	24	06		014		CH
SA	1150	250 - SCT	20			175	74	30	24	08		012		CH
SA	1250	250 - SCT	20			164	75	27	25	06		008	FEW CU/ 8201101	CH
SA	1350	250 - BKN	20			160	76	26	24	10		007	FEW CU	CH
SA	1450	E250 BKN OVC	20			155	75	24	25	05		005	FEW CU	CH
SA	1555	100 SCT E250 ~~BKN~~	20			147	74	24	21	08		003	817 1037 77 RADAT 44109	EP
SA	1651	E250 OVC	20			141	73	26	19	07		001		EP
SA	1751	250 - OVC	20			137	72	25	22	08		000		EP
SA	1851	250 - SCT	20			140	65	29	35	03		001	507 1001	EP
SA	1950	CLR	20			143	61	30	08	05		002		EP
SA	2052	CLR	20			149	59	29	04	08		004		EP
SA	2152	250 - SCT	20			146	59	29	01	05		004	110 1001 77	EP
SA	2254	250 - OVC	20			146	57	30	04	09		004		EP
SA	2352	250 - OVC	20			151	55	32	00	00		005		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 $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7ww$W_1 W_2$ $8N_h C_L C_M C_H$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 8 1987

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	26.690			43	0															0	1	.010			00-01
01 53	26.670			52	0															0					01-02
02 50	26.700			66	0															0					02-03
03 50	26.710			56	0															0	3	.020			03-04
04 50	26.730			58	0															0					04-05
05 50	26.740			61	0															0					05-06
06 50	26.750			42	3	3	CI	250												0	2	.040			06-07
07 50	26.750			35	2															0					07-08
08 50	26.740			30	2															0					08-09
09 50	26.730			26	3	3	CI	250												0	8	.020			09-10
10 50	26.720			21	3															0					10-11
11 50	26.700			20	4															0					11-12
12 50	26.670			17	4	0	CU	50	4	CI	250	4								1	8	.060			12-13
13 50	26.660			16	7															3					13-14
14 50	26.640			15	9															6					14-15
15 55	26.620			15	10	1	AC	100	10	CS	E250	10								9	8	.050			15-16
16 51	26.600			17	10															9					16-17
17 51	26.590			17	10															3					17-18
18 51	26.600			26	2	2	CI	250												0	5	.020			18-19
19 50	26.610			29	0															0					19-20
20 52	26.630			32	0															0					20-21
21 52	26.630			32	4	4	CI	250												0	1	.030			21-22
22 54	26.630			36	10															1					22-23
23 52	26.640			42	10															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 0348	X	0	0	X	53	46	X	X						X		
	0348	1	0	0	0	57	46		0								
	0948	2	0	0	0	71	46		0								
	1550	3	0	0	0	77	70		0								
	2149	4	0	0	0	75	57		0								
	MID.	X	0	0	0	59	54	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.730	26.620	26.630
BAROGRAPH 64	26.690	26.710	26.600	26.600
BAR. CORR. 65	+.020	+.020	+.020	+.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 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
77	46	0	0	0	14	SW	1146					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 0520f SUNSET 1812f

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065 / 2130 /

1535/ovc / 0902 4-24

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: YUMA, DESERT ROCK

DATE: APR 7 1987

TO CONVERT LST TO GMT: ADD 5 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)	SEQ. OR INITIALS (15)
SA	0052	CLR	20			164	52	37	27	03		007	Few Cl 105 1001	JP
SA	0155	250 - SCT	20			164	49	41	33	04		007		JP
SA	0256	250 - SCT	20			164	50	41	10	05		007		JP
SA	0355	250 - SCT	20			168	50	40	24	07		008	503 001 43 1AIR 1000	JP
SA	0452	250 - SCT	20			170	53	39	05	11		009		JP
SA	0551	~~250 - SCT~~ CLR	20			176	53	39	05	12		011	Few Cl	JP
SA	0652	CLR	20			182	59	39	10	03		013	219	JP
SA	0753	CLR	20			182	61	39	05	12		014	Few Cl	JP
SA	0854	250 - SCT	20			185	64	27	23	03		014		JP
SA	0953	250 - SCT	20			180	63	22	05	07		013	503 1001 43	JP
SA	1051	250 - SCT	20			176	67	31	05	03		012	CB 1000	JP
SA	1152	250 - BKN	20			170	71	23	0	03		009	CB BKN 1000	JP
SA	1253	250 - BKN	20			162	72	29	07	03		007	CB 1000 7 1002	JP
SA	1352	250 - BKN	20			153	73	26	06	04		009	CB 1000 N 1000 NW 1000	JP
SA	1450	80 SCT 250 - BKN	20			149	73	23	04	12		003		JP
SA	1552	80 SCT 250 - SCT	20			146	74	27	30	06		002	617 1162 73	JP
													REMIT 1510 J	
SA	1654	250 - BKN	20			141	73	23	03	05		002	Few 50	JP
SA	1756	250 - BKN	20			147	70	27	00	00		003	Few 50	JP
SA	1854	250 - BKN	20			154	60	37	04	05		004	Few 50 / 307 1001	JP
SA	1957	250 - BKN	20			160	59	36	09	06		006		JP
SA	2056	CLR	20			167	58	35	11	05		008	Few Cl	JP
SA	2153	CLR	20			168	57	33	08	06		009	Few Cl / 117 1001 73	JP
SA	2256	CLR	20			171	54	32	04	03		009	Few Cl	JP
SA	2357	CLR	20			174	53	35	18	04		011		JP

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 7 1987

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	26.660			61	0	0	CI	250												0	1	.010			00-01
01 55	26.660			74	1															0					01-02
02 56	26.660			69	1															0					02-03
03 55	26.670			68	1	1	CI	250												0	3	.016			03-04
04 53	26.680			59	1															0					04-05
05 51	26.690			57	0															0					05-06
06 48	26.710			49	0															0	1	.010			06-07
07 53	26.720			43	0															0					07-08
08 54	26.720			37	2															1					08-09
09 53	26.710			25	3	0	0	30	3	CI	255	3								1	0	.000			09-10
10 51	26.700			24	5															1					10-11
11 48	26.690			22	6															2					11-12
12 53	26.660			19	8	0	SB	30	3	CI	250	3								4	1	.000			12-13
13 52	26.630			17	8															4					13-14
14 50	26.620			17	8															4					14-15
15 52	26.610			19	5	1	CU	80	4	CI	250	5								2	6	.050			15-16
16 54	26.610			19	7															1					16-17
17 50	26.620			30	8															1					17-18
18 54	26.630			44	8	0	SC	80	8	CI	250	8								1	3	.010			18-19
19 57	26.650			42	7															1					19-20
20 56	26.670			42	0															0					20-21
21 53	26.650			40	0	0	CI	250												0	1	.050			21-22
22 56	26.650			43	0															0					22-23
23 57	26.640			50	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 0551		0	0		56	48										
	0551	1	0	0	0	58	48		0								
	0919	2	0	0	0	69	50		0								
	1551	3	0	0	0	75	68		0								
	2152	4	0	0	0	75	57		0								
	MID.		0	0	0	57	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	1554	1752	1952	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.710	26.610	26.610
BAROGRAPH 64	26.600	26.595	26.590	26.671
BAR. CORR. 65	+.020	+.015	+.020	+.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 UNMELTED (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	48	0	0	0	17	E	1918					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 0521P SUNSET 1811P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1100P 1190SP1

0551 / 0551

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 6 1987

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	0053	70 SCT 250 - OVC	20			164	52	43	07	13		006	107 1408	JP
SA	0155	250 - OVC	20			156	52	42	03	03		005		JP
SA	0253	250 - OVC	20			157	51	41	02	12		005		JP
SA	0351	250 - BKN	20			160	50	41	04	12		005	603 1008 48 [illegible]	[illegible]
SA	0451	250 - SCT	20			163	48	41	20	03		006		[illegible]
SA	0550	CLR	20			168	50	41	01	12		007		CRD
SA	0650	CLR	20			176	54	40	32	06		009	214	[illegible]
SA	0750	CLR	20			175	58	40	05	10		009		[illegible]
SA	0847	CLR	20			176	61	40	04	10		010	CO AC SE	[illegible]
SA	0951	CLR	20			170	63	38	06	08		003	805 1100 45	[illegible]
SA	1057	80 SCT	20			160	66	37	08	12		007		[illegible]
SA	1159	80 SCT	20			158	68	36	08	14	18	005	TCU NE SE	[illegible]
SA	1251	80 SCT	20			151	68	36	03	09		004	TCU E-SE/715 1200	[illegible]
SA	1350	80 SCT	20			144	70	35	03	08		002	TCU E SE	[illegible]
SA	1455	80 SCT	20			137	70	31	04	09		000	TCU N-SE	[illegible]
SA	1553	80 SCT	20			136	71	33	02	12		000	TCU E/ 612 1200	JP
													72 RADAT 56099	
SA	1656	80 SCT	20			134	70	30	02	09		999	TCU E	JP
SA	1752	80 SCT	20			134	69	29	03	08		999	CB NE	JP
SA	1853	80 SCT	20			144	65	34	09	09		002	CB USNT E/ 307 1300	JP
SA	1955	80 SCT	20			153	62	36	11	05		004		JP
SA	2057	80 SCT	20			156	58	38	04	10		005		JP
SA	2156	CLR	20			159	58	37	33	04		006	FEW SC E/ 114 1400 72	JP
SA	2255	CLR	20			162	57	38	12	07		007	FEW SC CI	JP
SA	2352	CLR	20			163	53	38	11	03		007	FEW SC CI	JP

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

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 6 1981

To convert LST to GMT ADD 3 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	26.650			71	10	1	SC	70	9	CS	250	10								3	1	0.10			00-01
01 55	26.640			69	10															3					01-02
02 55	26.640			69	10															4					02-03
03 51	26.640			71	6	6	CS	250												1	6	.010			03-04
04 51	26.645			77	2															0					04-05
05 50	26.660			71	0															0					05-06
06 50	26.680			59	0															0	2	.040			06-07
07 50	26.680			51	0															0					07-08
08 47	26.685			46	0															0					08-09
09 51	26.670			40	0	0	CU	80												0	3	.010			09-10
10 57	26.660			34	1															1					10-11
11 59	26.640			31	3															3					11-12
12 51	26.625			31	4	4	CU	80												4	7	.045			12-13
13 50	26.610			28	4															4					13-14
14 53	26.590			23	5															4					14-15
15 53	26.590			25	3	3	TCU	80												3	6	.055			15-16
16 56	26.580			23	3															3					16-17
17 57	26.580			22	1															1					17-18
18 53	26.610			32	1	1	CU	80												1	3	.030			18-19
19 55	26.630			38	1															1					19-20
20 57	26.640			47	1															1					20-21
21 56	26.650			45	0	0	SC	80												0	1	.040			21-22
22 55	26.660			49	0															0					22-23
23 59	26.660			56	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	53	48	X	X						X		
	0348	1	0	0	0	53	46		0								
	0949	2	0	0	0	63	45		0								
	1552	3	0	0	0	72	63		0								
	2155	4	0	0	0	72	57		0								
	MID.	X	0	0	0	55	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0330	1751	1552	2156
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.570	26.570	26.650
BAROGRAPH 64	26.620	26.600	26.570	26.650
BAR. CORR. 65	1.020	1.010	1.000	1.000

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	45	0	0	0	18	E	1005					2	3		

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0593P SUNSET 1810P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090P/1730P/

// LAST OF SEVERAL OCCURRENCES –

WEATHER & OBSTRUCTIONS TO VISION

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

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

☆ U.S. Government Printing Office: 1986—654-383

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 5 1987

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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0900	E 65 OVC	20			151	50	45	05	07		001	107 1511	JS
SA	0953	E65 BKN	20			144	48	46	00	00		000		JS
SA	0250	50 SCT	20			144	46	45	10	04		999		JS
SA	0350	50 SCT	20			150	44	43	07	04		000	503 1500 44 20031	GD
/													RADAT 94081	/
SA	0450	50 SCT E160 BKN	20			159	45	45	09	03		003		GD
SA	0553	50 SCT E100 BKN 160 BKN	20			164	46	46	07	03		004		GD
SA	0650	50 SCT E100 BKN	20			170	47	47	19	09		000	217 1500	GD
SA	0750	100 SCT	20			170	53	45	23	03		006		GD
SA	0850	250 - SCT	20			170	56	43	17	04		005	CU NW	GD
SA	0951	250 - BKN	20			167	58	41	28	03		006	CU ALQDS/103 1103 43	GD
SA	1048	30 SCT 250 - BKN	20			170	60	42	22	03		007		GD
SA	1153	30 SCT 250 BKN	20			162	61	40	23	08		005	TCU NW - SE	GD
SA	1252	80 SCT 250 - OVC	20			152	63	42	20	08		003	CB NW TCU N - /310 1107	GD
SA	1351	80 SCT 250 - OVC	20			146	65	39	26	10		001	CB N TCU ALQDS	GD
SA	1450	80 SCT 250 OVC	20			142	66	36	22	10		000	CB N TCU ALQDS	GD
SA	1553	80 SCT 250 - OVC	20			142	65	34	24	07		000	610 1107 67	JT
/	/												RADAT 51092	/
SA	1653	80 SCT 250 - OVC	20			143	64	35	23	06		000		JT
SA	1752	80 SCT 250 - OVC	20			143	63	38	22	05		000		JT
SA	1853	80 SCT 250 - BKN	20			145	59	41	20	00		001	303 1403	JT
SA	1955	80 SCT 250 - BKN	20			154	57	44	13	05		003		JT
SA	2052	80 SCT 250 - BKN	20			154	55	45	13	05		003		JT
SA	2154	80 SCT 110 SCT 250 - BKN	20			157	53	44	03	04		004	110 1473 67	JT
SA	2251	70 SCT 250 - BKN	20			160	53	43	00	00		005		JT
SA	2354	70 SCT E250 OVC	20			165	49	44	00	05		006		JT

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

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

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

☆U.S.GPO:1984-0-764-006/5085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 5 1987

To convert LST to GMT ADD 2 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	26.600			83	10	10	SC	165												10	1	.020			00-01
01 53	26.585			92	7															7					01-02
02 50	26.580			95	3															3					02-03
03 50	26.590			96	3	3	SC	50												3	5	.010			03-04
04 50	26.610			97	7															7					04-05
05 53	26.630			97	9															8					05-06
06 50	26.640			97	8	2	SC	50	6	SC	1000	8								8	2	.030			06-07
07 50	26.650			95	2															2					07-08
08 50	26.650			62	4															0					08-09
09 51	26.650			53	6	0	.0	80	6	CS	250	6								1	1	.010			09-10
10 48	26.660			51	8															2					10-11
11 53	26.640			46	8															2					11-12
12 52	26.620			46	10	1	CB	80	9	CS	250	10								3	3	.030			12-13
13 51	26.600			38	10															3					13-14
14 50	26.590			33	10															4					14-15
15 53	26.590			32	10	1	CU	80	10	CS	250	10								2	6	.030			15-16
16 57	26.590			34	10															2					16-17
17 52	26.590			40	10															1					17-18
18 53	26.600			57	9	1	SC	80	8	CS	250	9								1	3	.010			18-19
19 55	26.600			62	9															1					19-20
20 57	26.620			69	7															1					20-21
21 54	26.620			71	7	1	SC	80	2	AC	110	3	4	CS	250	7				3	1	.030			21-22
22 51	26.640			69	7															2					22-23
23 54	26.650			83	10															7					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 0349	X	0	0	X	50	44	X	X						X		
	0348	1	0	0	0	50	44		1								
	0947	2	0	0	0	57	43		1								
	1551	3	0	0	0	67	58		0								
	2152	4	0	0	0	66	53		0								
	MID.	X	0	0	0	53	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.600	26.570	26.630
BAROGRAPH 64	26.590	26.600	26.575	26.610
BAR. CORR. 65	0	0*	+.014	+.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 (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	43	0	0	0	15	SW	1103					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0524 PST SUNSET 1809 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1020P / 1645P

* BAROGRAPH CHART CHANGED ZERO CORR.

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 1 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	M55 BKN 120 OVC	20			032	45	41	17	07		967	RB05SE40 / 10801 152/	JS
SA	0150	M50 OVC	20			031	46	35	22	10		966		JS
SP	0223	M23 BKN 50 OVC	20		RW-				22	11		966	RB22	JS
SA	0254	M23 BKN 50 OVC	20		RW-	031	46	35	30	09		966	RB22	JS
SA	0356	M20 BKN 50 OVC	~~10~~	10	RW-	043	43	40	32	05		970	30701 17// 43 20001	RD
--	--	--	--			--	--					--	RADAT 94062	--
SA	0454	M28 BKN 50 OVC	20	10	R-	046	43	42	18	04		971		RD
SA	0556	M23 BKN 45 OVC	7		R-	060	42	40	04	04		974		RD
SA	0657	M20 BKN 45 OVC	7		R-	070	42	40	04	09		976	23018 17//	RD
SA	0752	M28 BKN 45 OVC	10		R-	085	41	38	02	07		980		RD
SA	0851	M28 BKN 40 OVC	10		R-	094	41	39	03	08		983		RD
SP	0914	20 SCT M31 BKN 40 BKN 200 OVC	10		R-				01	10		983	BINOVC E	RD
SA	0956	20 SCT M35 BKN 120 OVC	15		R-	099	45	41	02	11		985	22728 152/ 40	RD
SA	1050	35 SCT E100 OVC	15		R-	106	45	42	02	10		986	BINOVC SE	RD
SA	1151	35 SCT E100 BKN	15		R-	109	46	43	02	11		987		RD
SA	1254	40 SCT 100 SCT E200 BKN	20			109	51	42	02	07		987	RE17 / 1570 231578	RD
SA	1351	50 SCT E100 BKN 200 BKN	20			104	55	39	03	05		987		RD
SA	1450	40 SCT E90 BKN 200 BKN	20			104	55	39	23	05		987		RD
SA	1554	M55 BKN	20			111	54	42	31	10		988	30303 1500 S7	JS
													RADAT 75077	
SA	1652	M50 BKN 250 BKN	20			115	54	40	26	06		990		JS
SA	1750	E110 BKN 250 BKN	20			124	53	43	24	06		992		JS
SA	1850	110 SCT 250 SCT	20			126	50	44	10	03		992	110 1071	JS
SA	1952	100 SCT	20			135	48	45	04	07		994		JS
SA	2052	E 65 OVC	20			144	48	45	33	05		996		JS
SA	2152	E100 OVC	20			146	49	46	36	04		999	22010// 57	JS
SA	2250	E100 BKN 250 OVC	20			148	49	45	36	03		000		JS
SA	2350	M50 OVC	20			154	49	45	36	06		001		JS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 4 1987

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 58	26.245			86	10	7	Sc	M55	3	As	120	10								10	1	.025			00-01
01 50	26.290			66	10															10					01-02
02 54	26.290			63	10															10					02-03
03 56	26.315			93	10	8	StFRA	M20	2	Sc	50	10								10	3	.020			03-04
04 54	26.325			97	10															10					04-05
05 56	26.355			93	10															10		.065			05-06
06 57	26.380			93	10	7	StFRA	M20	3	St	45	10								10	2	.090			06-07
07 52	26.410			89	10															10					07-08
08 51	26.435			93	10															10					08-09
09 56	26.460			86	10	2	StFRA	20	7	Sc	M35	9	1	As	120	10				10	2	.080			09-10
10 50	26.470			89	10															10					10-11
11 51	26.480			90	9															9					11-12
12 54	26.480			71	8	1	Sc	40	2	Ac	100	3	5	Cs	E200	8				5	1	.020			12-13
13 51	26.475			55	8															7					13-14
14 50	26.475			55	9															9					14-15
15 54	26.480			63	9	9	Sc	M55												9	3	.010			15-16
16 52	26.500			60	9															8					16-17
17 50	26.520			68	8															8					17-18
18 50	26.520			80	4	3	AC	110	1	Ci	250	4								3	1	.030			18-19
19 52	26.540			90	3															3					19-20
20 52	26.560			88	10															10					20-21
21 52	26.580			89	10	10	AC	E100												10	2	.060			21-22
22 50	26.585			85	10															9					22-23
23 50	26.600			87	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		.01	0		48	43										
	0350	1	.01	0	0	49	43		1								
	0948	2	.28	0	0	45	40		2								
	1548	3	.03	0	0	57	44		1								
	2149	4	0	0	0	57	44		1								
	MID.		0	0	0	50	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0955	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.315	26.460	26.480	26.580
BAROGRAPH 64	26.300	26.455	26.485	26.570
BAR. CORR. 65	+.015	+.005	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4 Am SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	40	.32	0	0	17	N	1112					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0005	0040			
RW-	0222	0405			
R-	0405	1217			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0526 PST SUNSET 1808 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1005ZP/1310PI

0356/0356 0657/22218/0800 4-23

0454/0454 1254/10703/0805 4-23

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 3 1987

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. REMARKS INITIALS (15)
SA	0053	250 - OVC	20			048	59	14	19	08		976	717 1007	JS
SA	0153	E 250 OVC	20			041	57	15	24	06		974		JS
SA	0250	250 - OVC	20			028	61	19	20	19		971		JS
SA	0355	250 - BKN	20			029	58	20	20	14		971	719 1008 54 RADAT 20162	RD
SA	0456	150 SCT 220 - BKN	20			021	60	21	21	16		969		RD
SA	0555	E150 BKN 220 BKN	20			024	57	26	20	12		969	FEW CU	RD
SA	0651	E150 BKN 220 BKN	20			024	58	28	20	14		969	607 1478	RD
SA	0753	150 SCT E220 BKN	20			029	56	30	25	08		969		RD
SA	0850	150 SCT E220 BKN	20			030	59	31	21	15		969		RD
SA	0951	150 SCT 220 SCT	20			025	59	37	19	18		967	FEW CU/803 1178 54	RD
SA	1056	65 SCT 150 SCT E220 BKN	20			015	60	36	22	17		965		RD
SA	1153	E60 BKN 220 BKN	20			003	59	33	18	24		961	RB39E45 RWY SE	RD
SA	1254	M60 BKN 220 BKN	20			000	61	32	20	16 G27		960	72200 1208	RD
SA	1353	M65 BKN 220 BKN	20			001	58	32	18	18 G29		960	RWY SE PK WND 2037/27	RD
SA	1457	E65 BKN 220 BKN	20			998	57	31	18	16		959	RWY SE	RD
SA	1550	E65 BKN 220 OVC	20			988	57	29	19	15 G22		959	60300 1208 62	JS
													RADAT 69078	
SA	1654	E65 BKN 220 OVC	20			000	56	30	19	15		960		JS
SA	1755	65 SCT E220 OVC	20			000	54	29	20	11		959		JS
SA	1851	65 SCT E250 OVC	20			010	57	35	31	13		961	307 1208	JS
SA	1951	65 SCT E250 OVC	20			015	50	32	05	15		962		JS
SA	2051	65 SCT E250 OVC	20			015	50	35	04	14		963		JS
SA	2151	E180 OVC	20			022	49	37	11	11		964	210 102/ 62	JS
SA	2252	E180 OVC	20			025	48	37	13	09		965		JS
SA	2351	E120 OVC	20			031	48	37	19	06		967		JS

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 3 1987

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	26.380			17	10	10	CS	250												4	7	.050			00-01
01 53	26.360			19	10															7					01-02
02 50	26.330			20	10															5					02-03
03 55	26.325			23	8	8	CS	250												4	7	.055			03-04
04 56	26.305			22	7															3					04-05
05 55	26.305			30	8															6					05-06
06 51	26.305			32	8	0	SC	70	6	AC	E150	6	3	CS	220	8				7	6	.020			06-07
07 53	26.305			37	9															8					07-08
08 50	26.310			35	9															8					08-09
09 51	26.295			44	5	0	CU	70	2	AC	150	2	3	CS	220	5				4	8	.010			09-10
10 56	26.275			41	8															6					10-11
11 53	26.240			38	8															7					11-12
12 54	26.230			34	9	7	CU	M60	2	CS	220	9								4	7	.065			12-13
13 53	26.225			38	9															8					13-14
14 57	26.220			37	9															9					14-15
15 50	26.220			34	10	7	CU	E65	3	CS	220	10								10	6	.010			15-16
16 54	26.225			38	10															10					16-17
17 55	26.220			38	10															10					17-18
18 51	26.240			54	10	3	CU	65	7	CS	E250	10								7	3	.020			18-19
19 51	26.250			50	10															8					19-20
20 51	26.255			57	10															10					20-21
21 51	26.270			65	10	10	AS	E180												10	2	.030			21-22
22 52	26.280			66	10															10					22-23
23 51	26.245			65	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		0	0		62	54										
	0350	1	0	0	0	63	54		0								
	0947	2	0	0	0	60	56		0								
	1548	3	T	0	0	62	57		0								
	2149	4	0	0	0	57	49		0								
	MID.		0	0	0	49	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0850	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.325	26.295	26.220	26.270
BAROGRAPH 64	26.305	26.290	26.220	26.240
BAR. CORR. 65	+.020	+.005	0	+.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. SNOW FALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	48	T	0	0	37	S	1327					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1139	1145			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0527 PST SUNSET 1807 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1005PI 1540PI

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 2 1987

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's of °) (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			146	48	16	09	03		003	303	HS
SA	0150	CLR	20			147	48	15	11	06		003		HS
SA	0250	CLR	20			147	47	16	35	04		003		HS
SA	0358	CLR	20			146	43	16	33	03		004	30L 43 RADAT 2112	RD
SA	0456	CLR	20			153	47	15	11	03		004		RD
SA	0555	CLR	20			157	46	15	31	05		005		RD
SA	0653	CLR	20			157	56	18	20	03		005	105	RD
SA	0754	CLR	20			157	64	15	05	05		005		RD
SA	0853	CLR	20			156	69	15	00	00		005		RD
SA	0957	CLR	20			154	73	16	12	08		005	802 43	RD
SA	1056	CLR	20			147	74	18	12	11		003		RD
SA	1153	CLR	20			134	77	19	17	09		000		RD
SA	1252	CLR	20			120	78	23	18	04		995	727	RD
SA	1356	CLR	20			113	78	22	22	14		994		RD
SA	1451	CLR	20			105	79	23	22	10		992		RD
SA	1550	CLR	20			094	79	22	21	13G21		987	825 80 RADAT 2913	JS
SA	1650	CLR	20			086	77	20	22	13G20		986		JS
SA	1751	250 - SCT	20			087	73	17	21	13		985		JS
SA	1850	250 - SCT	20			081	71	17	20	15		985	608 1008	JS
SA	1955	250 - BKN	20			086	62	20	12	10		986		JS
SA	2053	250 - OVC	20			077	62	15	13	11		984		JS
SA	2150	250 - OVC	20			068	62	17	11	12		981	808 1007 80	JS
SA	2254	E 250 OVC	20			060	61	15	19	07		980		JS
SA	2351	E 250 OVC	20			059	62	13	19	12		980		JS

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 2 1987

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	26.620			27	0															0	3	.010			00-01
01 50	26.620			27	0															0					01-02
02 50	26.620			28	0															0					02-03
03 58	26.625			33	0															0	3	.005			03-04
04 56	26.630			27	0															0					04-05
05 55	26.640			29	0															0					05-06
06 53	26.640			22	0															0	1	.015			06-07
07 54	26.640			15	0															0					07-08
08 53	26.640			12	0															0					08-09
09 57	26.635			11	0															0	8	.005			09-10
10 56	26.620			10	0															0					10-11
11 53	26.590			11	0															0					11-12
12 52	26.555			13	0															0	7	.010			12-13
13 56	26.535			12	0															0					13-14
14 51	26.515			13	0															0					14-15
15 50	26.480			12	0															0	8	.025			15-16
16 50	26.465			12	0															0					16-17
17 51	26.460			12	1															1					17-18
18 50	26.455			13	3	3	CS	250												1	6	.025			18-19
19 55	26.465			20	8															3					19-20
20 53	26.450			16	10															4					20-21
21 50	26.430			17	10	10	CS	250												5	8	.025			21-22
22 54	26.410			16	10															8					22-23
23 57	26.410			15	10															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	50	43	X	X						X		
	0352	1	0	0	0	50	43		0								
	0950	2	0	0	0	73	43		0								
	1548	3	0	0	0	80	73		0								
	2147	4	0	0	0	79	61		0								
	MID.	X	0	0	0	63	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.625	26.635	26.480	26.430
BAROGRAPH 64	26.620	26.630	26.480	26.410
BAR. CORR. 65	+.005	+.005	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
80	43	0	0	0	28	SW	1622					0	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0529 SUNSET 1806

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1065 7A/1840P

Changed microbarograph at 0958 LST

MF1-10B (4-86) SUPERSEDES MF1-10B (1-82 and 10-83) WHICH MAY BE USED.

☆ U.S. Government Printing Office: 1986—654-383

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 1 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			144	44	17	02	04		001	607	HS
SA	0150	CLR	20			146	45	17	05	07		002		HS
SA	0250	CLR	20			149	43	15	01	03		002		HS
SA	0355	250-SCT	20			144	44	15	02	05		001	600 1001 40 RAIDAT 20104	CG
SA	0451	250-SCT	20			145	43	16	11	03		001		CG
SA	0554	250-SCT	20			154	42	15	32	04		003		CG
SA	0653	250-SCT	20			158	50	16	31	03		004	310 1071	CG
SA	0753	CLR	20			152	60	13	03	07		003		CG
SA	0851	CLR	20			150	65	14	04	02		003		CG
SA	0955	CLR	20			149	69	12	32	05		005	603 1001 40	CG
SA	1056	CLR	20			148	71	14	25	02		002		CG
SA	1157	CLR	20			142	75	18	26	03		001		CG
SA	1253	CLR	20			134	75	18	20	08		999	814	CG
SA	1352	CLR	20			126	75	16	18	11		998		CG
SA	1453	CLR	20			122	76	19	21	11		995		CG
SA	1552	CLR	20			122	76	18	21	04		995	610 77 RADIAT 20110	HS
SA	1651	CLR	20			123	74	16	23	10		995		HS
SA	1750	CLR	20			125	71	14	27	07		995		HS
SA	1850	CLR	20			132	62	15	35	05		997	305	HS
SA	1952	CLR	20			137	54	17	11	06		999		HS
SA	2050	CLR	20			144	51	16	07	03		001		HS
SA	2152	CLR	20			146	47	15	07	03		002	115 77	HS
SA	2254	CLR	20			145	48	15	01	03		002		HS
SA	2351	CLR	20			143	48	15	05	03		002		HS

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: APR 1 1987

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	HRS.
00 50	26.600			33	0															0	6	.020			00-01
01 50	26.610			32	0															0					01-02
02 50	26.605			33	0															0					02-03
03 55	26.600			31	2	2	Cu	250												1	0	.000			03-04
04 51	26.600			33	2															1					04-05
05 54	26.620			33	5															1					05-06
06 53	26.630			26	4	0	Ac	140	4	Cu	250	4								0	3	.030			06-07
07 53	26.620			16	0															0					07-08
08 51	26.620			14	0															0					08-09
09 55	26.620			11	0	0	Cu	250												0	6	.000			09-10
10 56	26.610			11	0															0					10-11
11 57	26.600			12	0															0					11-12
12 53	26.580			12	0															0	8	.010			12-13
13 52	26.560			11	0															0					13-14
14 55	26.550			12	0															0					14-15
15 52	26.550			11	0															0	6	.030			15-16
16 51	26.550			11	0															0					16-17
17 50	26.550			11	0															0					17-18
18 50	26.565			16	0															0	3	.015			18-19
19 52	26.580			22	0															0					19-20
20 50	26.600			24	0															0					20-21
21 52	26.610			26	0															0	1	.045			21-22
22 54	26.610			26	0															0					22-23
23 51	26.610			27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0852		0	0		48	40										
	0852	1	0	0	0	50	40		0								
	0952	2	0	0	0	70	41		0								
	1550	3	0	0	0	77	64		0								
	2150	4	0	0	0	76	48		0								
	MID.		0	0	0	50	48										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0855	0955	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.615	26.550	26.610
BAROGRAPH 64	26.600	26.615	26.540	26.600
BAR. CORR. 65	0	+.005	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (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
77	40	0	0	0	15	5	1334					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0530 SUNSET 1805

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0805P / 1852P /