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: July

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	04	RH(%) 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	95	64	80			15				9.3	25	SW	26.52		0		17	10	8	19
2	96	65	81			16				8.3	20	W	26.41		0		31	17	7	15
3	94	64	79			14				9.0	25	SW	26.41		0		21	10	7	13
4	94	62	78			13				8.7	22	SW	26.45		0		36	20	10	13
5	95	62	79			14				7.2	27	SW	26.46		0		19	14	7	12
6	97	64	81			16				2.7	14	W	26.46		0		29	17	10	15
7	101	65	83			18				7.0	20	NW	26.48		9		26	12	10	12
8	98	73	86			21				11.1	36	SW	26.39		1		21	14	11	13
9	96	69	83			18				11.7	30	SW	26.42		7		29	17	12	16
10	94	72	83			18				14.2	27	SW	26.42		5		29	19	15	25
11	95	68	82			17				10.9	30	S	26.49		1		33	24	13	15
12	99	70	85			20				7.5	21	W	26.59		0		22	14	9	16
13	104	72	88			23				5.3	16	SW	26.54		3		31	15	10	16
14	106	72	89			24				6.7	28	W	26.54		1		23	11	9	14
15	103	75	89			24	T			7.4	27	SW	26.50		5	RW-	21	14	12	24
16	95	72	84			19	0.13			12.4	52	S	26.39		8	T	31	23	18	57
17	83	64	74			9				20.8	49	S	26.31		0		36	12	11	20
18	80	55	68			3				9.1	28	S	26.53		1		40	27	13	18
19	87	53	70			5				8.7	29	SW	26.53		5		30	13	7	12
20	77	58	68			3	0.36			9.0	22	NE	26.56		9	RW, T, F	16	43	87	87
21	81	58	70			5	0.14			10.7	33	SW	26.50		1	RW-, T, RW	92	34	19	25
22	87	59	73			8				8.5	29	SW	26.55		0		48	27	10	27
23	93	58	76			11				8.3	29	SW	26.49		0		33	14	8	18
24	97	60	79			14				9.4	36	SW	26.48		7		30	14	8	11
25	98	62	80			15				8.9	26	SW	26.51		0		25	12	9	13
26	100	66	83			18				8.3	30	SW	26.51		4		25	10	15	33
27	93	71	82			17	0.01			10.5	30	E	26.54		8	RW-, T	47	26	29	48
28	94	65	80			15				6.2	22	SW	26.51		6		63	28	26	47
29	95	66	81			16				8.9	27	SW	26.50		1		45	20	15	20
30	98	65	82			17				8.6	29	SW	26.57		0		31	15	9	14
31	100	63	82			17				7.1	27	SW	26.58		0		22	9	9	13
SUM	2925	2012	—	—	0	463	0.64	0	—	282.4	—	—	821.08	—	82	—	1002	555	443	701
AVG	94.4	64.9	—	—	—	—	—	—	—	9.1	FASTEST	DIRECTION	POSSIBLE	%		—	32	18	14	23
										MISC. →	52	S	26.49		2.6	—				

TEMPERATURE DATA

AVERAGE MONTHLY 79.6

DEPARTURE FROM NORMAL -4.9

HIGHEST 106 ON 14

LOWEST 53 ON 19

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 25

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 463

DEPARTURE FROM NORMAL -150

SEASONAL TOTAL 1100

DEPARTURE FROM NORMAL -95

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.64 IN.

DEPARTURE FROM NORMAL 0.04 IN.

GREATEST IN 24 HRS. 0.36 ON 20

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) 20

PARTLY CLOUDY (Scale 4–7) 7

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 4

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST Stn. 26.58 IN. ON 31

LOWEST Stn. 26.31 IN. ON 17

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

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

MF1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUL 01 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. INITIALS (15)
SA	0057	CLR	20			081	72	19	05	10		991	303	CG
SA	0151	CLR	20			082	71	20	04	10		991		CG
SA	0256	CLR	20			084	67	20	11	06		991		CG
SA	0351	CLR	20			087	61	11	36	03		992	303 67 RADAT 20147	HS
SA	0453	CLR	20			095	66	20	32	07		994		HS
SA	0550	CLR	20			099	70	25	25	05		995		HS
SA	0650	CLR	20			101	77	21	00	00		996	214	HS
SA	0750	CLR	20			101	81	20	00	00		996		HS
SA	0852	CLR	20			101	85	20	25	07		996		HS
SA	0952	CLR	20			105	87	25	25	06		997	302 64	HS
SA	1052	CLR	20			101	91	25	23	15		996	CI SW	HS
SA	1153	CLR	20			094	93	18	23	14	G21	994	CI SW	HS
SA	1251	CLR	20			091	93	20	22	13	G22	993	712 1002	HS
SA	1352	CLR	20			087	94	20	20	14	G24	992	CI SE	HS
SA	1450	CLR	20			081	94	20	21	15		990	CI SE	HS
SA	1550	CLR	20			082	94	24	21	13	G21	990	610 95 RADAT 20145	AD
SA	1650	CLR	20			075	93	23	22	14	G22	987		AD
SA	1750	CLR	20			074	91	22	21	12		987		AD
SA	1850	CLR	20			072	88	22	21	11		987	607	AD
SA	1950	CLR	20			072	86	24	20	11		987		AD
SA	2050	CLR	20			077	86	28	19	10		990		AD
SA	2150	CLR	20			084	83	37	20	10		992	314 95	AD
SA	2250	CLR	20			083	82	34	21	12		992		AD
SA	2350	CLR	20			088	75	33	22	06		992		AD

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

FM12-VII: IIiii $i_R i_x h$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, NV

DATE: JUL 01 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	WET BULB CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.510			13	0															0	3	.010			00-01
01 51	26.510			14	0															0					01-02
02 56	26.510			16	0															0					02-03
03 51	26.520			17	0															0	3	.010			03-04
04 53	26.535			17	0															0					04-05
05 50	26.550			18	0															0					05-06
06 50	26.560			12	0															0	2	.040			06-07
07 50	26.560			10	0															0					07-08
08 52	26.560			9	0															0					08-09
09 52	26.565			10	0															0	3	.005			09-10
10 52	26.560			9	0															0					10-11
11 53	26.540			7	0															0					11-12
12 51	26.530			7	0	0	Cu	250												0	7	.035			12-13
13 52	26.520			7	0															0					13-14
14 50	26.500			7	0															0					14-15
15 50	26.490			8	0															0	6	.030			15-16
16 50	26.480			8	0															0					16-17
17 50	26.480			8	0															0					17-18
18 50	26.480			9	0															0	6	.020			18-19
19 50	26.480			10	0															0					19-20
20 50	26.500			12	0															0					20-21
21 50	26.520			19	0															0	3	.040			21-22
22 50	26.520			18	0															0					22-23
23 50	26.520			22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03 49	X	0	0	X	78	67	X	X						X		
	03 49	1	0	0	0	78	67		0								
	09 50	2	0	0	0	88	64		0								
	1550	3	0	0	0	95	87		0								
	2150	4	0	0	0	94	83		0								
	MID.	X	0	0	0	83	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.565	26.500	26.520
BAROGRAPH 64	26.500	26.545	26.480	26.500
BAR. CORR. 65	+.020	+.020	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNTIL TO (Ins.) 69	WAT 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
95	64	0	0	0	25	SW	1206					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

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: 10900 / 1955 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE JUL 2 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			088	73	32	03	08		992	400	AD
SA	0150	CLR	20			088	70	33	36	07		992		AD
SA	0250	CLR	20			088	71	34	31	06		992		AD
SA	0352	CLR	20			098	66	34	03	05		994	307 66 RADAT 23141	HS
SA	0450	CLR	20			102	65	35	36	06		995		HS
SA	0551	CLR	20			105	71	39	02	06		996		HS
SA	0650	CLR	20			103	77	37	21	04		996	107	HS
SA	0750	CLR	20			104	77	37	22	07		996		HS
SA	0850	CLR	20			098	81	36	20	08		995		HS
SA	0950	CLR	20			098	84	35	22	10		995	603 65	HS
SA	1051	CLR	20			096	87	32	26	08		995		HS
SA	1152	CLR	20			095	91	32	25	04		994		HS
SA	1252	CLR	20			087	94	18	22	11	G18	992	810	HS
SA	1350	CLR	20			080	94	20	26	13	G20	990		HS
SA	1450	CLR	20			072	94	20	25	13		987		HS
SA	1550	CLR	20			070	95	22	22	12		986	717 96 RADAT 20142	AD
SA	1650	CLR	20			068	93	20	23	12		985		AD
SA	1750	CLR	20			061	92	24	20	14		984		AD
SA	1850	CLR	20			065	90	25	20	08		985	503	AD
SA	1950	CLR	20			065	87	29	19	11		985		AD
SA	2050	CLR	20			069	83	28	18	05		986		AD
SA	2150	CLR	20			072	82	29	23	08		987	307 96	AD
SA	2250	CLR	20			071	81	26	02	06		987		AD
SA	2350	CLR	20			061	79	23	36	06		985		AD

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRi_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ 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: JUL 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	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 SD	26.520			22	0															0	4	.000			00-01
01 SD	26.520			25	0															0					01-02
02 SD	26.520			26	0															0					02-03
03 52	26.540			31	0															0	3	.020			03-04
04 50	26.550			33	0															0					04-05
05 51	26.560			31	0															0					05-06
06 50	26.560			24	0															0	1	.020			06-07
07 50	26.560			23	0															0					07-08
08 50	26.550			20	0															0					08-09
09 50	26.550			17	0															0	6	.010			09-10
10 51	26.550			14	0															0					10-11
11 52	26.540			12	0															0					11-12
12 52	26.520			6	0															0	8	.030			12-13
13 50	26.500			7	0															0					13-14
14 50	26.480			7	0															0					14-15
15 SD	26.470			7	0															0	7	.050			15-16
16 SD	26.460			7	0															0					16-17
17 SD	26.450			9	0															0					17-18
18 SD	26.460			10	0															0	5	.010			18-19
19 SD	26.460			12	0															0					19-20
20 SD	26.470			14	0															0					20-21
21 SD	26.480			15	0															0	3	.020			21-22
22 SD	26.480			13	0															0					22-23
23 SD	26.460			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	78	66	X	X						X		
	0350	1	0	0	0	83	66		0								
	0948	2	0	0	0	85	65		0								
	1550	3	0	0	0	96	84		0								
	2150	4	0	0	0	95	80		0								
	MID.	X	0	0	0	83	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.550	26.470	26.480
BAROGRAPH 64	26.520	26.540	26.470	26.470
BAR. CORR. 65	+.020	+.010	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
96	65	0	0	0	20	W	1344					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0429 SUNSET 1906

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: 1085/1855/

* BAROGRAPH CHANGED - RE-SET TO "0"

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS (13b)
SA	0050	CLR	20			064	74	23	07	05		985	607	AO
SA	0150	CLR	20			065	71	22	07	07		985		AO
SA	0250	CLR	20			070	68	23	04	05		986		AO
SA	0350	CLR	20			071	65	24	32	04		986	103 64 RADAT 20152	HS
SA	0450	CLR	20			076	65	29	02	06		987		HS
SA	0550	CLR	20			076	73	32	34	06		988		HS
SA	0650	CLR	20			079	79	31	25	03		990	210	HS
SA	0750	CLR	20			079	81	30	24	16		990		HS
SA	0850	CLR	20			076	84	30	24	17		987		HS
SA	0952	CLR	20			070	87	25	23	10	G20	987	607 64	HS
SA	1050	CLR	20			070	90	20	23	14	G24	987		HS
SA	1150	CLR	20			070	92	18	23	12	G18	987		HS
SA	1250	CLR	20			068	92	17	20	10	G20	986	803	HS
SA	1352	CLR	20			056	94	18	20	10	G20	983		HS
SA	1453	CLR	20			055	93	20	19	12	G24	982		HS
SA	1550	CLR	20			053	93	21	20	15	G22	981	617 94 RADAT 20149	AO
SA	1650	CLR	20			046	92	18	19	12		979		AO
SA	1750	CLR	20			039	91	15	19	14		977		AO
SA	1850	CLR	20			038	88	11	22	14		977	610	AO
SA	1950	CLR	20			041	85	9	21	12		979		AO
SA	2050	CLR	20			054	80	18	22	08		982		AO
SA	2150	CLR	20			061	78	24	20	04		984	3~~17~~ 20 94	AO
SA	2250	CLR	20			055	74	27	00	00		982		AO
SA	2350	CLR	20			055	72	26	00	00		982		AO

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

FM12-VII: IIIii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ 7wwW1W2 $8N_hC_LC_MC_H$ 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: JUL 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.460			15	0															0	6	.020			00-01
01 50	26.460			16	0															0					01-02
02 50	26.470			18	0															0					02-03
03 50	26.470			21	0															0	1	.010			03-04
04 50	26.480			26	0															0					04-05
05 50	26.490			22	0															0					05-06
06 50	26.500			17	0															0	2	.030			06-07
07 50	26.500			16	0															0					07-08
08 50	26.480			14	0															0					08-09
09 52	26.480			10	0															0	6	.020			09-10
10 50	26.480			8	0															0					10-11
11 50	26.480			7	0															0					11-12
12 50	26.470			7	0															0	8	.010			12-13
13 52	26.440			6	0															0					13-14
14 53	26.430			7	0															0					14-15
15 50	26.420			7	0															0	6	.050			15-16
16 50	26.460			7	0															0					16-17
17 50	26.390			6	0															0					17-18
18 50	26.390			6	0															0	6	.030			18-19
19 50	26.400			6	0															0					19-20
20 50	26.430			10	0															0					20-21
21 50	26.450			13	0															0	3	.060			21-22
22 50	26.430			17	0															0					22-23
23 50	26.430			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	80	64	X	X						X		
	0348	1	0	0	0	83	64		0								
	0950	2	0	0	0	88	64		0								
	1550	3	0	0	0	94	89		0								
	2150	4	0	0	0	93	78		0								
	MID.	X	0	0	0	79	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.480	26.420	26.450
BAROGRAPH 64	26.460	26.480	26.400	26.420
BAR. CORR. 65	+.010	0	+.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	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
94	64	0	0	0	25	SW	1117					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0430 SUNSET 1906

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: 1090O/1805/

2150/APP 320 / 0830 - 4

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

☆ U.S. Government Printing Office: 1986—654-283

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: JUL 4 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 TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0050	CLR	20			049	73	29	24	08		981	710	AO
SA	0150	CLR	20			055	69	31	04	10		982		AO
SA	0250	CLR	20			060	66	33	00	00		983		AO
SA	0354	CLR	20			061	62	35	02	09		983	107 62 RADAT 20144	HS
SA	0450	CLR	20			069	63	37	36	07		985		HS
SA	0550	CLR	20			069	72	40	00	00		986		HS
SA	0650	CLR	20			074	74	40	24	05		987	214	HS
SA	0750	CLR	20			077	77	40	23	06		988		HS
SA	0852	CLR	20			079	79	38	24	09		988		HS
SA	0953	CLR	20			079	82	37	26	07		988	103 62	HS
SA	1050	CLR	20			075	85	36	22	10		987		HS
SA	1150	CLR	20			075	87	37	22	07		987		HS
SA	1252	CLR	20			065	90	33	25	10		985	810	HS
SA	1352	CLR	20			054	92	30	24	12		983		HS
SA	1452	CLR	20			052	93	27	20	11		981		HS
SA	1550	CLR	20			054	94	30	21	15		981	614 94 RADAT 20149	AO
SA	1650	CLR	20			046	93	30	22	14	G22	979		AO
SA	1750	CLR	20			042	91	25	23	13		979		AO
SA	1850	CLR	20			042	88	24	22	12		979	607	AO
SA	1950	CLR	20			050	86	25	21	11		981		AO
SA	2050	CLR	20			058	84	27	21	08		983		AO
SA	2150	CLR	20			061	83	27	22	06		984	217 94	AO
SA	2250	CLR	20			062	77	26	18	08		984		AO
SA	2350	CLR	20			060	80	23	21	10		984		AO

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 50	26.420			20	0															0	7	.030			00-01
01 50	26.430			24	0															0					01-02
02 50	26.440			29	0															0					02-03
03 54	26.440			36	0															0	1	.020			03-04
04 50	26.460			38	0															0					04-05
05 50	26.470			32	0															0					05-06
06 50	26.480			29	0															0	2	.040			06-07
07 50	26.490			26	0															0					07-08
08 52	26.490			24	0															0					08-09
09 53	26.490			20	0															0	1	.010			09-10
10 50	26.480			17	0															0					10-11
11 50	26.480			17	0															0					11-12
12 52	26.460			13	0															0	8	.030			12-13
13 52	26.440			11	0															0					13-14
14 52	26.420			9	0															0					14-15
15 50	26.420			10	0															0	6	.040			15-16
16 50	26.400			11	0															0					16-17
17 50	26.400			9	0															0					17-18
18 50	26.400			10	0															0	6	.020			18-19
19 50	26.420			11	0															0					19-20
20 50	26.440			13	0															0					20-21
21 50	26.450			13	0															0	2	.050			21-22
22 50	26.450			15	0															0					22-23
23 50	26.450			12	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	79	62	X	X						X		
	0352	2	0	0	0	79	62		0								
	0951	4	0	0	0	85	62		0								
	1550	3	0	0	0	94	82		0								
	2150	4	0	0	0	94	83		0								
	MID.	X	0	0	0	83	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.440	26.420	26.450
BAROGRAPH 64	26.420	26.435	26.400	26.425
BAR. CORR. 65	+.020	+.005	+.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 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
94	62	0	0	0	22	SW	1644					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 0430 SUNSET 1906

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: 1090 12200 1

MF 1-10A
(5-83)

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

STATION WMO, DESERT ROCK NEVADA

DATE JUL 5 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. (Mb) (6)	TEMP (°F) (7)	DEW PT (°F) (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND GUSTS (11)	ALTIMETER SET. (Hg) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SEQUENCE (14)
SA	0050	CLR	20			061	71	25	05	08		984	400	AD
SA	0150	CLR	20			061	69	23	05	09		984		AD
SA	0250	CLR	20			061	68	23	04	06		984		AD
SA	0355	CLR	20			066	67	24	00	00		985	303 66 RADAT 20158	MR
SA	0453	CLR	20			075	62	25	00	00		987		MR
SA	0554	CLR	20			083	69	28	00	00		990		MR
SA	0653	CLR	20			084	75	30	00	00		991	117	MR
SA	0752	CLR	20			087	79	29	24	02		992		MR
SA	0852	CLR	20			088	82	31	24	04		993		MR
SA	0951	CLR	20			086	84	30	24	04		992	003 62	MR
SA	1054	CLR	20			081	89	25	24	08		991		MR
SA	1152	CLR	20			069	92	17	22	14	G23	987		MR
SA	1253	CLR	20			065	93	20	22	17	G27	985	820	MR
SA	1353	CLR	20			061	94	22	21	15	G23	984		MR
SA	1454	CLR	20			057	94	20	20	13	G21	983		MR
SA	1555	CLR	20			053	94	20	21	11	G17	982	712 95 RADAT 20158	DC
SA	1655	CLR	20			048	93	22	22	09	G17	980	ACSL DSNT NW	DC
SA	1755	CLR	20			045	91	21	23	13	G20	979	ACSL CI NW	DC
SA	1855	CLR	20			041	89	21	20	10		979	ACSL NW / 608 1042	DC
SA	1953	CLR	20			045	86	21	21	02		980	CI NW	DC
SA	2055	CLR	20			050	86	23	21	06		982		DC
SA	2156	CLR	20			050	83	25	24	05		982	208 95	DC
SA	2256	CLR	20			046	82	30	23	11		981		DC
SA	2358	CLR	20			046	80	31	22	05		981		DC

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

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

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

☆U.S.GPO.1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 5 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	26.450			18	0															0	4	.000			00-01
01 50	26.450			17	0															0					01-02
02 50	26.450			18	0															0					02-03
03 55	26.460			19	0															0	3	.010			03-04
04 53	26.475			24	0															0					04-05
05 54	26.500			21	0															0					05-06
06 53	26.510			19	0															0	1	.050			06-07
07 52	26.520			16	0															0					07-08
08 52	26.525			16	0															0					08-09
09 51	26.520			14	0															0	0	.010			09-10
10 54	26.505			10	0															0					10-11
11 52	26.480			7	0															0					11-12
12 53	26.460			7	0															0	8	.060			12-13
13 53	26.450			7	0															0					13-14
14 54	26.435			7	0															0					14-15
15 55	26.425			7	0															0	7	.035			15-16
16 55	26.405			8	0															0					16-17
17 55	26.400			8	0															0					17-18
18 55	26.400			8	0	0	ACSL	150	0	CI	200	0								0	6	.025			18-19
19 53	26.410			9	0															0					19-20
20 55	26.425			10	0															0					20-21
21 56	26.425			12	0															0	2	.025			21-22
22 56	26.420			15	0															0					22-23
23 58	26.420			17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	80	66	X	X						X		
	0350	1	0	0	0	83	66		0								
	0948	2	0	0	0	85	62		0								
	1548	3	0	0	0	95	84		0								
	2149	4	0	0	0	94	83		0								
	MID.	X	0	0	0	83	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.520	26.425	26.425
BAROGRAPH 64	26.445	26.505	26.420	26.420
BAR. CORR. 65	+.015	+.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 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 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
95	62	0	0	0	27	SW	1248					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 0431 SUNSET 1906

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: 1065SP / 2100P /

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: JUL 6 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)	OBS. INITIALS (15)
SA	0055	CLR	20			049	73	31	05	04		981	602	DC
SA	0155	CLR	20			053	71	31	02	03		982		DC
SA	0250	CLR	20			057	70	31	00	00		983		DC
SA	0354	CLR	20			065	65	32	00	00		985	312 65 RADAT 20148	MR
SA	0454	CLR	20			071	67	35	00	00		986		MR
SA	0557	CLR	20			076	70	35	00	00		988		MR
SA	0653	CLR	20			079	76	36	00	00		990	215	MR
SA	0753	CLR	20			083	79	36	00	00		991		MR
SA	0857	CLR	20			082	81	35	23	03		991		MR
SA	0956	CLR	20			082	85	35	24	04		991	103 64	MR
SA	1053	CLR	20			077	89	35	22	04		990		MR
SA	1151	CLR	20			073	90	33	05	02		988		MR
SA	1256	CLR	20			071	93	31	17	02		987	710 1101	MR
SA	1354	CLR	20			065	95	29	23	06		985	CU N FEW CI	MR
SA	1456	CLR	20			060	97	30	25	07		984	FEW CI	MR
SA	1557	CLR	20			056	96	31	25	05		983	715 1002 97	DC
													RADAT 20157	
SA	1647	CLR	20			051	95	30	23	09		981	FEW CI	DC
SA	1755	CLR	20			050	94	29	24	04		981	FEW CI	DC
SA	1856	250 - BKN	20			055	91	28	26	03		983	500 1006	DC
SA	1955	250 - SCT	20			060	86	29	00	00		984		DC
SA	2055	CLR	20			066	85	28	00	00		986		DC
SA	2156	CLR	20			068	80	28	00	00		986	112 97	DC
SA	2254	CLR	20			069	77	29	10	03		986		DC
SA	2357	CLR	20			074	72	30	04	06		987		DC

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

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

SUPERSEDES MF 1-10 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: JUL 6 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. 41
00	55	26.420			21	0														0	6	.005			00-01
01	55	26.430			23	0														0					01-02
02	50	26.440			23	0														0					02-03
03	54	26.455			29	0														0	3	.035			03-04
04	54	26.470			30	0														0					04-05
05	57	26.485			27	0														0					05-06
06	53	26.500			23	0														0	2	.045			06-07
07	53	26.510			21	0														0					07-08
08	57	26.510			19	0														0					08-09
09	56	26.510			17	0														0	1	.010			09-10
10	53	26.500			15	0														0					10-11
11	51	26.490			13	0														0					11-12
12	56	26.480			11	0	0	CU	120	0	CI	300	0							0	7	.030			12-13
13	54	26.460			10	0														0					13-14
14	58	26.450			10	0														0					14-15
15	57	26.435			10	0	0	CI	250											0	7	.045			15-16
16	47	26.420			10	0														0					16-17
17	55	26.420			10	0														0					17-18
18	56	26.435			10	7	7	CS	250											1	5	.000			18-19
19	55	26.450			13	1														0					19-20
20	55	26.465			13	0														0					20-21
21	56	26.470			15	0														0	1	.035			21-22
22	54	26.470			17	0														0					22-23
23	57	26.480			21	0														0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350		0	0		80	65										
	0350	1	0	0	0	83	65		0								
	0952	2	0	0	0	85	64		0								
	1550	3	0	0	0	97	85		0								
	2150	4	0	0	0	97	79		0								
	MID.		0	0	0	80	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0955	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.455	26.510	26.435	26.470
BAROGRAPH 64	26.450	26.510	26.435	26.460
BAR. CORR. 65	+.005	0*	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
97	64	0	0	0	14	W	1520**					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0431 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1045P / 1600P /

* BAROGRAM CHANGED AND RESET

SA 0956 24 HOUR MIN TEMP 64 ADDED AT 1545P.

** LAST OF SEVERAL OCCURRENCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUL 7 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 °) (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			071	74	30	04	09		987	203	DC
SA	0158	CLR	20			071	73	30	00	00		987		DC
SA	0255	CLR	20			071	70	31	02	06		987		DC
SA	0357	300 - SCT	20			080	68	32	34	02		990	307 1006 68 RADAT 20156	MR
SA	0453	300 - OVC	20			086	66	31	12	06		992		MR
SA	0559	300 - OVC	20			088	73	32	11	05		993		MR
SA	0655	300 - OVC	20			090	81	33	31	03		994	212 1001	MR
SA	0753	300 - BKN	20			096	85	32	35	03		995		MR
SA	0853	300 - BKN	20			088	89	32	17	05		994		MR
SA	0954	300 - SCT	20			088	92	32	23	05		993	802 1001 65	MR
SA	1051	300 - BKN	20			086	93	32	21	09		993		MR
SA	1152	300 - OVC	20			083	96	32	20	09	G19	991		MR
SA	1256	300 - OVC	20			077	98	32	25	13		990	710 1101	MR
SA	1354	300 - OVC	20			069	98	31	25	06		987		MR
SA	1453	300 - OVC	20			063	99	31	30	11	G20	985	WND 27V34	MR
SA	1553	300 - OVC	20			056	99	32	24	13		983	720 1007 01	DC
													RADAT 22150	
SA	1655	300 - BKN	20			050	98	31	23	13		981		DC
SA	1751	300 - BKN	20			050	97	30	25	11		982		DC
SA	1856	300 - BKN	20			049	93	29	24	08		982	503 1001	DC
SA	1955	300 - OVC	20			049	88	28	24	06		982		DC
SA	2057	300 - SCT	20			058	82	28	03	05		984		DC
SA	2157	300 - SCT	20			055	86	28	16	07		984	207 1001 01	DC
SA	2253	300 - SCT	20			055	79	28	05	07		983		DC
SA	2358	300 - SCT	20			049	78	29	35	05		982		DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.480			20	0															0	2	.010			00-01
01 58	26.480			20	0															0					01-02
02 55	26.480			24	0															0					02-03
03 57	[illegible]			26	2	2	CI	300												[illegible]	1	.020			03-04
04 53	26.515			27	10															1					04-05
05 57	26.525			22	10															1					05-06
06 55	26.535			18	10	10	CI	300												1	2	.035			06-07
07 53	26.550			15	7															1					07-08
08 55	26.535			13	7															1					08-09
09 54	26.530			12	4	4	CI	300												0	8	.005			09-10
10 51	26.525			11	9															1					10-11
11 52	26.510			10	10															1					11-12
12 56	26.500			10	10	0	CU	130	10	CI	300	10								1	7	.030			12-13
13 54	26.480			10	10															2					13-14
14 53	26.460			9	10															2					14-15
15 53	26.440			10	10	10	CS	300												1	7	.060			15-16
16 55	26.420			10	6															1					16-17
17 51	26.430			9	9															0					17-18
18 56	26.430			10	9	9	CI	300												1	5	.010			18-19
19 55	26.430			12	10															2					19-20
20 57	26.450			14	1															0					20-21
21 57	26.450			12	1	1	CI	300												0	2	.020			21-22
22 53	26.440			15	1															0					22-23
23 58	26.430			17	5															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 0352		0	0		75	68										
	0352	1	0	0	0	80	68		0								
	0951	2	0	0	0	92	65		0								
	1548	3	0	0	0	101	91		0								
	2150	4	0	0	0	100	81		0								
	MID.		0	0	0	87	77										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0953	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.530	26.440	26.450
BAROGRAPH 64	26.495	26.535	26.440	26.440
BAR. CORR. 65	+.005	-.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 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
101	65	0	0	0	20	NW	1443					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0432 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040 P / 1600 P /

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 JUL 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERIES INITIALS (15)
SA	0057	300 - SCT	20			040	80	30	07	06		980	814 1001	DC
SA	0157	CLR	20			040	75	30	02	08		980		DC
SA	0256	CLR	20			040	74	31	04	10		980		DC
SA	0353	CLR	20			046	73	31	08	07		981	303 1001 73 RADAT 28153	MR
SA	0453	CLR	20			044	76	33	07	05		981		MR
SA	0549	CLR	20			052	77	34	18	03		983		MR
SA	0653	CLR	20			055	65	34	24	05		984	310 1001	MR
SA	0753	CLR	20			055	88	35	26	03		984		MR
SA	0849	CLR	20			054	91	38	25	04		983		MR
SA	0955	CLR	20			042	95	39	23	15G21		981	810 73	MR
SA	1053	CLR	20			038	96	36	21	18G25		980		MR
SA	1156	CLR	20			036	97	37	21	18G24		979		MR
SA	1256	CLR	20			032	97	37	22	14G27		977	PK WND 2236/27 710 1002	MR
SA	1355	CLR	20			030	98	37	22	17G27		976		MR
SA	1452	CLR	20			022	97	36	19	18G27		974		MR
SA	1551	CLR	20			016	97	34	22	20G27		972	717 1102 98	DC
													RADAT 27156	
SA	1654	300 - SCT	20			016	96	32	22	16G23		972		DC
SA	1753	300 - SCT	20			020	94	34	21	12		973		DC
SA	1852	300 - BKN	20			013	92	35	21	08		972	000 1006	DC
SA	1956	300 - BKN	20			015	89	34	18	09		973		DC
SA	2058	300 - SCT	20			017	89	30	20	15		974		DC
SA	2155	300 - SCT	20			020	88	31	20	12	G23	975	308 1008 98	DC
SA	2253	300 - SCT	20			025	85	32	24	12	G19	976		DC
SA	2357	300 - SCT	20			025	85	34	23	12	G20	976		DC

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

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

SUPERSEDES MF 1-10A (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: JUL 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	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	HRS.
00 57	26.410			16	3	3	CI	300												0	8	.040			00-01
01 57	26.405			19	0															0					01-02
02 56	26.405			21	0															0					02-03
03 53	26.420			21	0	0	CI	300												0	3	.010			03-04
04 53	26.420			21	0															0					04-05
05 49	26.440			21	0															0					05-06
06 53	26.450			16	0	0	CI	300												0	3	.030			06-07
07 53	26.450			16	0															0					07-08
08 49	26.440			16	0															0					08-09
09 55	26.420			14	0															0	8	.030			09-10
10 53	26.405			13	0															0					10-11
11 56	26.400			12	0															0					11-12
12 56	26.390			13	0	0	CI	300												0	7	.030			12-13
13 55	26.380			12	0															0					13-14
14 52	26.355			12	0															0					14-15
15 51	26.340			11	0	0	CU	100	0	CI	300	0								0	7	.050			15-16
16 54	26.340			11	4															0					16-17
17 53	26.350			12	3															1					17-18
18 52	26.340			13	6	6	CI	300												1	0	.000			18-19
19 56	26.345			14	6															1					19-20
20 58	26.355			12	1															0					20-21
21 55	26.365			13	1	1	CS	300												0	3	.025			21-22
22 53	26.380			15	1															0					22-23
23 57	26.380			16	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	84	73	X	X						X		
	0349	1	0	0	0	87	73		0								
	0951	2	0	0	0	95	73		0								
	1546	3	0	0	0	98	94		0								
	2149	4	0	0	0	97	88		0								
	MID.	X	0	0	0	88	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0955	1548	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.420	26.340	26.365
BAROGRAPH 64	26.410	26.415	26.340	26.360
BAR. CORR. 65	+.010	+.005	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
98	73	0	0	0	36	SW	1227					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

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: 1035SP / 1815P /

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: JUL 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0057	300 - SCT	20			029	82	36	24	11		977	207 1001	DC
SA	0155	300 - SCT	20			032	80	37	24	04		977		DC
SA	0258	CLR	20			040	79	36	13	04		980		DC
SA	0352	CLR	20			046	71	39	05	05		981	207 71 RAUAT 38150	RD
SA	0458	~~CLR~~ 250 - BKN	20			049	71	38	04	08		982		RD
SA	0556	250 - BKN	20			054	75	39	18	04		983		RD
SA	0656	250 - BKN	20			057	83	39	12	09		984	214 1008	RD
SA	0751	250 - BKN	20			059	86	39	03	04		984		RD
SA	0854	250 - BKN	20			059	88	41	22	09		985		RD
SA	0956	250 - BKN	20			059	89	39	23	08		985	102 1008 6 9	RD
SA	1054	250 - BKN	20			052	93	38	21	18		984		RD
SA	1151	250 - BKN	20			049	94	38	18	12		983		RD
SA	1259	250 - BKN	20			044	94	36	22	19		981	714 1008	RD
SA	1357	250 - BKN	20			040	95	36	23	18	G28	980		RD
SA	1451	250 - BKN	20			036	95	34	22	13		979		RD
SA	1554	250 - BKN	20			037	95	35	23	18		977	610 1008 96	JP
													RADAT 22153	
SA	1653	250 - BKN	20			035	93	38	24	18		976		JP
SA	1753	250 - BKN	20			038	91	32	22	15		977		JP
SA	1856	250 - BKN	20			035	89	31	22	13		977	500 1008	JP
SA	1957	250 - BKN	20			038	87	34	21	12		979		JP
SA	2058	250 - SCT	20			049	85	33	21	11		982		JP
SA	2152	250 - SCT	20			049	84	33	20	10		982	114 1008 96	JP
SA	2253	250 - SCT	20			047	84	35	19	18		982		JP
SA	2354	250 - SCT	20			044	84	39	20	20		981		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 1-10A (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: JUL 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	3 HR. PRESSURE CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.385			19	4	4	CI	300												0	2	.020			00-01
01 55	26.390			21	1															0					01-02
02 58	26.410			21	0															0					02-03
03 52	26.415			29	0															0	2	.030			03-04
04 58	26.425			30	7															2					04-05
05 56	26.440			27	7															2					05-06
06 56	26.455			21	8	8	CS	250												2	2	.040			06-07
07 51	26.455			19	7															2					07-08
08 54	26.460			21	7															2					08-09
09 56	26.460			17	6	6	CS	250												2	1	.005			09-10
10 59	26.445			15	6															1					10-11
11 51	26.440			14	6															1					11-12
12 54	26.420			13	6	6	CS	250												1	7	.040			12-13
13 57	26.410			13	8															2					13-14
14 51	26.395			12	8															2					14-15
15 54	26.390			12	9	9	CS	250												3	6	.030			15-16
16 53	26.380			15	9															3					16-17
17 53	26.390			12	9															3					17-18
18 56	26.390			13	9	9	CS	250												3	5	.000			18-19
19 57	26.411			15	4															1					19-20
20 58	26.430			16	4															2					20-21
21 52	26.430			16	1	1	CS	250												0	1	.040			21-22
22 53	26.430			17	2															0					22-23
23 54	26.430			20	2															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	85	71	X	X						X		
	0348	1	0	0	0	88	71		0								
	0851	2	0	0	0	89.	69.		0								
	1552	3	0	0	0	96	89		0								
	2150	4	0	0	0	95	84		0								
	MID.	X	0	0	0	84	83	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0954	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.415	26.460	26.396	26.430
BAROGRAPH 64	26.432	26.465	26.390	26.435
BAR. CORR. 65	-.015	-.005	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
96	69	0	0	0	30	SW	1502					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0433 SUNSET 1905

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: 10722P/1900P/

0458/0458

0352/210 / 1450

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: JUL 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)	OBSERVER'S INITIALS (15)
SA	0054	250 - SCT	20			048	82	40	20	14		982	500 1008	JP
SA	0156	250 - BKN	20			048	83	43	21	13		982		JP
SA	0250	250 - OVC	20			048	81	43	20	10		982		JP
SA	0354	250 - BKN	20			044	80	45	23	16		981	803 1008 80 RADAT 38150	RD
SA	0455	250 - BKN	20			053	74	43	11	07		982		RD
SA	0555	250 - BKN	20		054	049	77	42	11	06		983		RD
SA	0655	250 - BKN	20			055	82	40	13	08		984	208 1008	RD
SA	0754	250 - OVC	20			059	86	43	19	12		985		RD
SA	0853	250 - BKN	20			060	87	44	22	12		985		RD
SA	0956	250 - BKN	20			060	89	41	19	12		985	103 1008 72	RD
SA	1056	250 - SCT	20			059	90	40	19	16		985		RD
SA	1155	250 - SCT	20			047	92	41	21	22		982		RD
SA	1252	250 - SCT	20			040	93	41	22	11	G23	980	815 1008	RD
SA	1352	250 - SCT	20			034	94	42	21	21		979		RD
SA	1456	250 SCT	20			029	93	40	19	16		976		RD
SA	1552	250 SCT	20			029	94	40	22	18		976	610 1008 94	JP
													RADAT 36155	
SA	1651	250 SCT	20			025	93	40	21	14		974		JP
SA	1755	250 - BKN	20			025	91	40	21	18		974		JP
SA	1856	250 - BKN	20			028	89	42	20	14		975	503 1008	JP
SA	1952	250 - BKN	20			030	87	46	21	13		976		JP
SA	2054	250 - BKN	20			038	86	47	21	15		979		JP
SA	2157	250 - BKN	20			045	85	45	21	15		981	317 1008 94	JP
SA	2256	250 - BKN	20			049	83	42	24	17		982		JP
SA	2352	250 - BKN	20			052	82	42	24	20		983		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: JUL 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. 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	26.430			23	2	2	CS	250												0	5	000			00-01
01 56	26.430			25	8															1					01-02
02 50	26.430			26	10															2					02-03
03 54	26.420			29	7	7	CS	250												1	8	.010			03-04
04 55	26.430			33	7															1					04-05
05 55	26.440			29	9															2					05-06
06 55	26.445			23	9	9	CS	250												2	2	.025			06-07
07 54	26.455			22	10															2					07-08
08 53	26.455			23	7															1					08-09
09 56	26.455			19	6	6	CS	250												1	1	.010			09-10
10 50	26.455			18	3															0					10-11
11 55	26.430			17	2															0					11-12
12 52	26.410			17	2	2	CS	250												0	8	.045			12-13
13 52	26.395			16	2															0					13-14
14 50	26.380			16	1															1					14-15
15 52	26.380			15	2	2	CS	250												2	6	030			15-16
16 51	26.360			16	2															2					16-17
17 55	26.360			17	6															2					17-18
18 56	26.370			19	6	6	CS	250												1	5	010			18-19
19 52	26.380			24	7															1					19-20
20 54	26.400			26	7															1					20-21
21 57	26.420			25	6	6	CS	250												1	3	050			21-22
22 56	26.430			24	6															1					22-23
23 52	26.440			24	9															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 0349		0	0		84	80										
	0349	1	0	0	0	84	80		0								
	0949	2	0	0	0	89	72		0								
	1550	3	0	0	0	94	89		0								
	2154	4	0	0	0	94	85		0								
	MID.		0	0	0	85	82										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1552	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.455	26.380	26.400
BAROGRAPH 64	26.415	26.455	26.385	26.415
BAR. CORR. 65	+.010	+0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE OR 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
94	72	0	0	0	27	SW	2131					5	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 0434 SUNSET 1905

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/1730P/

0555/0855

changed Microbarograph at 0954 LST

LAST OF SEVERAL OCCURRENCES —

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 JUL 11 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	0254	250 - BKN	20			053	81	41	20	07		983	107 1008	JP
SA	0155	250 - BKN	20			056	80	41	33	03		984		JP
SA	0250	250 - SCT	20			064	73	41	02	06		985		JP
SA	0351	250 - SCT	20			065	72	41	35	04		985	107 1011 71 RADAT 84148	RD
SA	0452	250 - SCT	20			074	68	40	00	00		987		RD
SA	0553	250 - SCT	20			080	74	42	32	06		990	20	RD
SA	0653	250 - SCT	20			086	78	43	24	08		992	3+4 1001	RD
SA	0757	250 - SCT	20			090	80	43	18	06		993		RD
SA	0852	250 - SCT	20			094	83	44	15	06		994		RD
SA	0954	250 - SCT	20			092	85	44	32	05		994	107 1001 68	RD
SA	1056	250 - SCT	20			084	90	40	23	18		992		RD
SA	1158	250 - SCT	20			078	91	40	23	18	G28	991		RD
SA	1255	250 - SCT	20			070	93	39	23	26		988	717 1001	RD
SA	1350	250 - SCT	20			067	94	35	23	22		987		RD
SA	1453	CLR	20			065	94	34	19	18	G30	986		RD
SA	1553	CLR	20			068	93	35	21	17		986	FEW CI / 507 1001 95	JP
													RADAT 35152	
SA	1657	CLR	20			066	92	37	19	18		985		JP
SA	1754	CLR	20			064	92	34	23	16		985		JP
SA	1855	CLR	20			067	89	32	21	13		986	500	JP
SA	1954	CLR	20			071	88	30	19	11		987		JP
SA	2052	CLR	20			077	87	30	21	12		990		JP
SA	2153	CLR	20			086	84	31	24	08		992	317 95	JP
SA	2252	CLR	20			084	83	31	25	08		992		JP
SA	2354	CLR	20			088	80	31	02	06		993		JP

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

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_n$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: JUL 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 54	26.440			24	9	9	Cs	250												2	1	.020			00-01
01 55	26.450			25	7															2					01-02
02 50	26.460			32	2															0					02-03
03 51	26.460			33	1	0	As	160	1	Ci	250	1								0	1	.020			03-04
04 52	26.480			36	2															0					04-05
05 53	26.500			32	2															0					05-06
06 53	26.520			29	2	2	Ci	250												0	3	.060			06-07
07 57	26.530			27	2															0					07-08
08 52	26.540			26	2															0					08-09
09 54	26.540			24	3	3	Ci	250												0	1	.020			09-10
10 56	26.520			18	3															0					10-11
11 58	26.505			17	4															0					11-12
12 55	26.440			15	1	1	Ci	250												0	7	.050			12-13
13 50	26.480			13	1															0					13-14
14 53	26.465			12	0															0					14-15
15 53	26.470			13	0	0	Ci	250												0	5	.020			15-16
16 57	26.460			15	0															0					16-17
17 54	26.460			13	0															0					17-18
18 55	26.470			13	0															0	5	.000			18-19
19 54	26.480			13	0															0					19-20
20 52	26.500			13	0															0					20-21
21 53	26.520			15	0															0	3	.050			21-22
22 52	26.520			15	0															0					22-23
23 54	26.530			17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 43	TIME (L.S.T.) 47	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	6	X	83	71	X	X						X		
	0348	1	0	0	0	85	71		0								
	0949	2	0	0	0	85	68		0								
	1551	3	0	0	0	95	85		0								
	2151	4	0	0	0	94	84		0								
	MID.	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.540	26.470	26.520
BAROGRAPH 64	26.460	26.545	26.470	26.570
BAR. CORR. 65	±0	-.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNRL. 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
95	68	0	0	0	30	5	1450					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 0434 SUNSET 1904

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: 105528/1908P/

0653/0653

✓ LAST OF SEVERAL OCCURRENCES –

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0056	CLR	20			092	79	32	31	05		994	307	JP
SA	0157	~~E~~ 130 SCT	20			092	78	32	29	04		994		JP
SA	0250	130 SCT	20			096	75	32	36	06		995		JP
SA	0354	130 SCT	20			106	73	33	05	07		997	310 1070 7- RADAT 79144	SH
SA	0450	CLR	20			112	70	33	04	08		999	FEW AC CI	SH
SA	0552	CLR	20			114	76	35	36	05		000	AC N	SH
SA	0655	250 - SCT	20			113	82	34	27	05		002	214 1001 ~~7F~~	SH
SA	0753	CLR	20			123	83	34	23	03		003	CI N	SH
SA	0852	CLR	20			123	85	34	24	05		003		SH
SA	0954	CLR	20			118	89	34	23	03		002	000 70	SH
SA	1051	CLR	20			117	91	33	36	02		002		SH
SA	1152	CLR	20			114	93	32	21	10		001		SH
SA	1252	CLR	20			109	95	32	22	11		000	CU N / 807 1100	SH
SA	1351	CLR	20			105	97	31	26	09		999	FEW CU	SH
SA	1453	CLR	20			099	98	30	24	10		996	FEW CU	SH
SA	1555	CLR	20			088	97	29	24	13		993	820 1100 99 RADAT 59147	EP
SA	1651	CLR	20			086	97	27	23	15		992		EP
SA	1750	CLR	20			085	95	27	22	12		992	TCU DSNT N	EP
SA	1854	250 SCT	20			090	93	27	21	11		994	TCU DSNT W/303 1201	EP
SA	1952	250 SCT	20			098	91	27	23	09		996		EP
SA	2053	CLR	20			107	86	28	00	00		999		EP
SA	2156	[illegible]	[illegible]			109	85	31	31	10		000	117 1131 99	EP
SA	2252	250 - SCT	20			113	84	42	05	12		001		EP
SA	2350	CLR	20			114	80	41	33	04		001		EP

A synoptic observation using WMO code FM12-VII, as described in FMH-2, is entered on line following mixed 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: JUL 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	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	26.540			18	0															0	3	.000			00-01
01 57	26.540			19	2															2					01-02
02 50	26.550			21	2															2					02-03
03 54	26.570			22	1	1	AC	130												1	3	.030			03-04
04 50	26.580			25	0															0					04-05
05 52	26.590			22	0															0					05-06
06 55	26.610			18	1	1	CI	250												0	2	.040			06-07
07 53	26.620			17	0															0					07-08
08 52	26.620			16	0															0					08-09
09 54	26.610			14	0															0	0	.000			09-10
10 51	26.610			13	0															0					10-11
11 52	26.600			12	0															0					11-12
12 52	26.590			11	0	0	CU	90												0	8	.020			12-13
13 51	26.580			10	0															0					13-14
14 53	26.560			9	0															0					14-15
15 55	26.530			9	0	0	CU	90												0	8	.060			15-16
16 51	26.520			8	0															0					16-17
17 50	26.520			9	0															0					17-18
18 54	26.540			9	1	0	CU	90	1	CI	250	1								1	3	.010			18-19
19 52	26.560			10	1															1					19-20
20 53	26.580			12	0															0					20-21
21 56	26.590			16	5	0	CU	90	0	AC	140	0	5	CI	250	5				2	1	.050			21-22
22 52	26.600			23	2															1					22-23
23 50	26.600			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	82	72	X	X						X		
	0348	1	0	0	0	84	72		0								
	0950	2	0	0	0	89	70		0								
	1549	3	0	0	0	99	89		0								
	2150	4	0	0	0	99	82		0								
	MID.	X	0	0	0	85	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.610	26.530	26.590
BAROGRAPH 64	26.565	26.611	26.550	26.600
BAR. CORR. 65	+.005	±0	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 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
99	70	0	0	0	21	W	1425					0	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0435 SUNSET 1904

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: 1075 5P / 2130P

0157/0157 0455/0455

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: JUL 13 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 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			115	77	40	00	00		001	103 1008	EP
SA	0150	CLR	20			111	75	41	12	07		000		EP
SA	0251	CLR	20			111	72	41	00	00		000		EP
SA	0352	250 SCT	20			120	72	40	00	00		002	303 1008 72	SH
	—		—			—						—	RADAT 64146	—
SA	0451	150 SCT E250 BKN	20			122	74	40	08	03		003		SH
SA	0552	150 SCT 250 SCT	20			128	74	39	12	05		004		SH
SA	0654	E150 BKN 250 BKN	20			130	78	40	26	04		005	210 1051	SH
SA	0751	E150 BKN 250 BKN	20			130	85	42	08	07		006		SH
SA	0852	150 SCT 250 SCT	20			130	90	41	17	07		006		SH
SA	0955	150 SCT 250 -SCT	20			122	95	40	12	05		004	FEW CU / 803 1171 72	SH
SA	1052	250 -SCT	20			117	97	39	07	03		003	TCU N	SH
SA	1152	90 SCT 250 -SCT	20			114	99	35	13	08		002	CB DSNT NW	SH
SA	1255	90 SCT 250 SCT	20			109	99	35	14	09		000	TCU N AND S / 814 1201	SH
SA	1352	90 SCT 250 SCT	20			101	102	37	24	09		997	TCU S	SH
SA	1451	90 SCT 250 SCT	20			096	99	35	12	05		995	TCU S	SH
SA	1553	90 SCT 250 SCT	20			090	103	35	24	09		994	617 1201 04 RADAT 52151	EP
SA	1650	90 SCT 250 SCT	20			082	101	34	19	07		992		EP
SA	1750	90 SCT 250 SCT	20			079	100	34	23	09		991		EP
SA	1851	CLR	20			082	97	33	23	08		992	507 1201	EP
SA	1951	CLR	20			090	90	32	34	04		994		EP
SA	2050	CLR	20			098	84	33	04	05		996		EP
SA	2150	CLR	20			095	85	33	07	03		996	114 04	EP
SA	2250	CLR	20			096	81	34	12	04		996		EP
SA	2351	CLR	20			097	77	34	04	05		996		EP

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

FM12-VII: IIiii $i_R i_X hVV$ 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: YUCCA, DESERT ROCK NEVADA

DATE: JUL 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.600			27	0	0	CS	250												0	1	.010			00-01
01 50	26.590			30	0															0					01-02
02 51	26.590			33	0															0					02-03
03 52	26.610			31	3	3	CS	250												2	3	.010			03-04
04 51	26.620			29	6															4					04-05
05 52	26.630			27	5															5					05-06
06 54	26.640			26	6	6	AC	E150	0	CI	250	6								6	2	.030			06-07
07 51	26.645			22	6															4					07-08
08 52	26.645			18	4															4					08-09
09 55	26.630			15	2	0	CU	90	1	AC	150	1	1	CI	250	2				1	8	.010			09-10
10 52	26.620			13	1															0					10-11
11 52	26.610			11	2															1					11-12
12 55	26.590			11	2	2	CU	90	0	CI	250	2								2	8	*.040			12-13
13 52	26.570			10	2															2					13-14
14 51	26.550			11	3															3					14-15
15 53	26.540			10	2	2	CU	90	0	CI	250	2								2	6	.050			15-16
16 50	26.520			10	2															2					16-17
17 50	26.510			10	1															1					17-18
18 51	26.520			11	0	0	CU	90	0	CI	250	0								0	5	.020			18-19
19 51	26.540			13	0															0					19-20
20 50	26.560			16	0															0					20-21
21 50	26.560			16	0															0	1	.040			21-22
22 50	26.560			18	0															0					22-23
23 51	26.560			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 0248	X	0	0	X	81	72	X	X						X		
	0348	1	0	0	0	85	72		0								
	0952	2	0	0	0	95	72		0								
	1549	3	0	0	0	104	95		0								
	2148	4	0	0	0	103	83		0								
	MID.	X	0	0	0	85	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.630	26.540	26.560
BAROGRAPH 64	26.620	26.650	26.545	26.560
BAR. CORR. 65	-.010	*.020	-.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 UNREL 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
104	72	0	0	0	16	SW	1548					3	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1904

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: 1073 8P/2035P

* BAROGRAM CHANGED - RESET TO ZERO COR. 1100P

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 JUL 14 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	0051	CLR	20			094	75	33	00	00		995	803	EP
SA	0152	CLR	20			095	75	33	12	05		996		EP
SA	0250	CLR	20			099	74	34	35	03		996		EP
SA	0354	CLR	20			101	74	34	06	06		997	307 72 RADAT 56149	SH
SA	0454	CLR	20			106	73	34	11	05		999		SH
SA	0554	CLR	20			107	79	36	00	00		000		SH
SA	0652	CLR	20			109	89	37	04	12		001	210	SH
SA	0752	CLR	20			109	91	36	02	12		001		SH
SA	0850	CLR	20			107	95	36	05	04		000	CU N S	SH
SA	0954	CLR	20			109	98	34	25	09		001	CU N S / 500 1100 72	SH
SA	1049	100 SCT	20			105	100	34	22	11		000	TCU NW SW	SH
SA	1151	100 SCT	20			099	102	34	25	09	G18	997	TCU N-E-SE	SH
SA	1250	100 SCT	20			094	103	33	24	13		995	TCU N SE / 817 1200	SH
SA	1352	100 SCT	20			084	105	34	21	12		993	CB DSNT NW TCU S	SH
SA	1448	100 SCT 250 SCT	20			074	104	33	21	10	G21	990	CB DSNT NW TCU NE SE	SH
SA	1554	100 SCT 250 SCT	20			066	104	33	26	09		987	CB DSNT N/724 1901 06	EP
													RADAT 57153	
SA	1650	100 SCT	20			063	103	33	29	10		986		EP
SA	1750	100 SCT	20			061	101	33	27	09		986		EP
SA	1853	CLR	20			059	98	33	25	06		986	603 1100	EP
SA	1950	100 SCT	20			064	91	32	00	00		987		EP
SA	2051	CLR	20			071	88	32	04	06		990		EP
SA	2152	CLR	20			070	90	34	06	04		990	110 1100 06	EP
SA	2251	CLR	20			075	85	34	00	00		991		EP
SA	2350	CLR	20			075	82	35	02	05		991		EP

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

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

SUPERSEDES MF 1-10A (1-83) WHICH MAY BE USED.

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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	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	26.550			22	0															0	8	.010			00-01
01 52	26.555			22	0															0					01-02
02 50	26.560			23	0															0					02-03
03 54	26.570			23	0															0	3	.020			03-04
04 54	26.580			24	0															0					04-05
05 54	26.590			21	0															0					05-06
06 52	26.600			16	0															0	2	.030			06-07
07 52	26.600			14	0															0					07-08
08 50	26.590			13	0															0					08-09
09 54	26.600			11	0	0	CU	100												0	5	.000			09-10
10 49	26.590			10	1															1					10-11
11 51	26.570			9	2															2					11-12
12 50	26.550			9	2	2	CU	100												2	8	.050			12-13
13 52	26.530			9	2															2					13-14
14 48	26.500			9	4															4					14-15
15 54	26.480			9	3	3	CB	100	0	CI	250	3								3	7	.070			15-16
16 50	26.470			9	1															1					16-17
17 50	26.470			9	1															1					17-18
18 53	26.470			10	0	0	CU	100												0	6	.010			18-19
19 50	26.480			12	1															1					19-20
20 51	26.500			14	0															0					20-21
21 52	26.500			14	0	0	CU	100												0	1	.030			21-22
22 51	26.510			16	0															0					22-23
23 50	26.510			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	80	72	X	X						X		
	0350	1	0	0	0	85	72		0								
	0951	2	0	0	0	99	72		0								
	1550	3	0	0	0	106	98		0								
	2148	4	0	0	0	105	87		0								
	MID.	X	0	0	0	90	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.600	26.480	26.500
BAROGRAPH 64	26.570	26.600	26.490	26.505
BAR. CORR. 65	±0	±0	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
106	72	0	0	0	28	W	1215					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0436 SUNSET 1903

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: 1045CP/ 1930CP/

0454/0454

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: JUL 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)	OBSERVERS INITIALS (15)
SA	0052	90 SCT	20			070	83	35	07	05		990	000 1100	EP
SA	0153	90 SCT	20			067	80	35	04	08		988		EP
SA	0251	90 SCT	20			072	78	35	01	03		990		EP
SA	0352	90 SCT	20			072	79	35	00	00		990	S00 1500 76	JS
													RADAT 47151	
SA	0452	90 SCT	20			080	76	35	00	00		992		JS
SA	0553	80 SCT 120 SCT 250 SCT	20			083	80	34	08	03		993		JS
SA	0650	120 SCT 250 SCT	20			084	87	37	00	00		994	112 1078	JS
SA	0751	90 SCT	20			090	91	36	05	05		995	VIRGA S	JS
SA	0851	E 90 BKN	20			090	95	37	19	03		995	VIRGA SE-SW	JS
SA	0951	E 90 BKN	20			089	94	38	21	06		995	105 1500 75	JS
SA	1053	80 SCT	20			084	99	38	21	04		994	VIRGA SE	JS
SA	1150	80 SCT 250 SCT	20			081	100	38	22	13		993	VIRGA E CB	JS
													DSNT N	
SA	1250	80 SCT 250 SCT	20			066	101	38	19	10		988	CB DSNT N 820 1968	JS
SA	1350	80 SCT 250 - BKN	20			058	102	37	20	10		986		JS
		~~80 SCT 250 - SCT~~	~~20~~											
SA	1454	100 SCT 250 - SCT	20			052	103	38	26	14		984		JS
SA	1552	100 SCT 250 SCT	20			050	101	39	21	12G	24	983	619 SB DSNT SE LTG MOUNT VIRGA 1901 03 SE	WRG
							10						RADAT 24148	WRG
SA	1652	E 100 BKN 250 BKN	20			047	100	39	25	12G	23	982	CB DSNT E SLWLY MOVG NE	
													VIRGA E	WRG
SA	1752	E 100 BKN 250 BKN	20			046	97	39	24	11G	19	982	CB VIRGA DSNT NE-E	
													MOVG NE	WRG
SA	1852	E 100 BKN 250 BKN	20			052	94	40	24	12G	24	984	CB SE-NE MOVG N/303	
													1902	WRG
SA	1952	E 100 BKN 250 BKN	20			064	91	42	28	12G	22	987	CB N-S MOVG N OCNL	
													LTGIC VIRGA E	WRG
SA	2050	E 100 BKN 250 BKN	20			074	91	42	31	03		991	CB DSNT NE MOVG N	
													OCNL LTGIC	WRG
SA	2152	E 100 BKN 250 BKN	20			071	87	45	36	10		990	CB MOVG N RB07E25/	
												991	01700 1402 03	WRG
SA	2252	100 SCT 250 - BKN	20			075	85	45	13	12G	21	991		WRG
SA	2352	100 SCT 250 SCT	20			071	84	49	09	10		990		WRG

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

FM12-VII: 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: JUL 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	26.500			18	2	2	CU	90												2	0	.000			00-01
01 53	26.490			20	2															2					01-02
02 51	26.500			21	4															4					02-03
03 52	26.500			21	2	2	SC	90												2	5	.000			03-04
04 53	26.520			23	2															2					04-05
05 53	26.530			21	2															2					05-06
06 50	26.535			17	2	0	AC	120	1	CS	250	2								2	1	.035			06-07
07 51	26.550			14	4															4					07-08
08 51	26.550			13	7															7					08-09
09 51	26.550			14	7	7	SC	90												7	1	.015			09-10
10 55	26.535			13	3															3					10-11
11 50	26.525			12	3															3					11-12
12 50	26.490			11	3	2	CB	80	1	CS	250	3								2	8	.060			12-13
13 50	26.465			11	8															3					13-14
14 54	26.450			11	3															1					14-15
15 52	26.440			12	5	2	CB	100	3	CI	250	5								3	6	.050			15-16
16 52	26.430			12	8															6					16-17
17 52	26.430			13	8															7					17-18
18 52	26.450			15	9	7	CB	E100	2	CI	250	9								7	3	.010			18-19
19 52	26.460			18	9															7					19-20
20 50	26.510			19	8															7					20-21
21 52	26.500			24	7	6	SC	E100	1	CI	250	7								6	0	.050			21-22
22 52	26.510			25	6															3					22-23
23 52	26.500			36	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	83	76	X	X						X		
	0349	1	0	0	0	80	76		0								
	0948	2	0	0	0	96	75		0								
	1548	3	0	0	0	103	94		0								
	2148	4	T	0	0	102	86		0								
	MID.	X	0	0	0	87	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.550	26.440	26.500
BAROGRAPH 64	26.485	26.540	26.435	26.495
BAR. CORR. 65	+.005	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNTIL 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 BASE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
103	75	T	0	0	27	SW	1555					5	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	2107	2125			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0437 SUNSET 1903

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: 1019 / 2146 /

1652/1852 1050/1050 1350/1350 1552/1552 1250/1330

2152/2152

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: JUL 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0052	100 SCT E250 BKN	20			062	83	48	11	09		967	808 1402	WRG
SA	0152	100 SCT E250 BKN	20			055	83	46	07	06		985		WRG
SA	0250	E 100 BKN 250 OVC	20			056	79	46	31	04		985		WRG
SA	0351	100 SCT 250 - OVC	20			057	79	46	14	07		985	605 1408 78 RADAT 65144	JS
SA	0452	100 SCT 250 - OVC	20			055	77	46	11	05		984		JS
SA	0550	100 SCT E250 OVC	20			060	78	47	04	04		985		JS
SA	0650	100 SCT E250 OVC	20			055	85	45	29	05		985	702 1408	JS
SA	0750	100 SCT E250 OVC	20			057	88	44	22	13		985		JS
SA	0850	100 SCT E250 OVC	20			055	87	44	19	17		984		JS
SA	0950	100 SCT E250 OVC	20			054	88	46	18	15G22		984	803 1408 76	JS
SA	1050	E100 BKN 250 BKN	20			052	89	48	19	18		983	CB DSNT SSE	JS
SA	1150	E 80 BKN 250 BKN	20			045	89	50	17	17		981	VIRGA SE	JS
SA	1250	80 SCT 250 SCT	20			037	91	49	20	15G25		979	CB NE-SE MOVG NE 715 1908	JS
SA	1350	80 SCT 250 SCT	20			020	93	46	20	16G26		974	CB NE-SE MOVG NE	JS
SA	1451	80 SCT 250 SCT	20			015	94	45	19	14G23		972	CB E-SE MOVG NE. PK WND 1852/39	JS
SA	1552	E 80 BKN 250 BKN	20			009	94	44	18	18G30		970	CB RWU N THRU SE AND SW THRU NW MOVG NE/ 727 1902 95 RADAT 50141	WRG
SA	1652	E80 BKN 250 BKN	20			002	91	48	21	18G30		967	CB ALQDS MOVG NE FQT LTGCG RWU W-N	WRG
SP	1718	E 80 BKN	20	T	T		80	50	34	20G28		972	TB18 OVHD LTC MOVMT FQT LTGCG ALQDS	WRG
SA	1752	E60 OVC	10		TRW-	033	73	57	12	05		974	TB18 RB32 TOVHD LTC MOVMT FQT LTGCG PRESRR	WRG
SP	1811	E60 BKN	20				73	60	12	12G26		972	RE11 TE30 MOVDE	WRG
SA	1852	E60 BKN 250 BKN	20			022	74	58	10	20G28		972	RE21 TE30 MOVDE/00713 1902	WRG
SA	1952	60 SCT E 180 BKN 250 BKN	20			007	79	50	27	03		969	CB DSNT E OCNL LTGCC	WRG
SA	2050	60 SCT 250 - BKN	20			013	77	52	11	14		970	CB DSNT E OCNL LTGCC	WRG
SA	2152	60 SCT 250 - SCT	20			006	73	56	13	15		967	CB DSNT NE-SE FQT LTGIC/ 71813 190295	WRG
SA	2252	60 SCT 250 - SCT	20			004	79	48	18	20G29		967	CB DSNT NE OCNL LTGIC	WRG
SA	2352	250 - SCT	20			000	78	48	19	20G28		966	CB MOVD NE	WRG

A synoptic observation using WMO code FM12-VII, as described in FMH-1, 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: WBAN, DESERT ROCK NEVADA

DATE: JUL 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	26.475			29	8	5	SC	100	3	CI	E250	8								6	8	.025			00-01
01 52	26.460			28	9															8					01-02
02 52	26.460			32	10															9					02-03
03 51	26.460			31	10	3	SC	100	7	CS	250	10								5	6	.015			03-04
04 52	26.450			34	10															4					04-05
05 50	26.460			33	10															8					05-06
06 50	26.455			25	10	3	SC	100	7	CS	E250	10								8	7	.005			06-07
07 50	26.460			22	10															8					07-08
08 50	26.450			23	10															8					08-09
09 50	26.445			23	10	4	SC	100	6	CS	E250	10								9	8	.010			09-10
10 50	26.440			25	9															8					10-11
11 50	26.420			26	7															5					11-12
12 50	26.400			24	3	3	CB	80	0	CS	250	3								3	7	.045			12-13
13 50	26.355			20	3															3					13-14
14 51	26.340			18	3															2					14-15
15 52	26.320			18	6	6	CB	E80	0	CI	250	6								6	7	.080			15-16
16 52	26.300			23	8															8					16-17
17 52	26.360			60	10															10					17-18
18 52	26.340			58	8	7	CB	E60	1	CI	250	8								7	0	.020			18-19
19 52	26.310			37	8															7					19-20
20 50	26.320			42	7															3					20-21
21 52	26.300			57	3	1	CB	60	2	CI	250	3								1	7	.040			21-22
22 52	26.300			34	2															1					22-23
23 52	26.290			36	1															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	84	78	X	X						X		
	0349	1	0	0	0	87	78		0								
	0948	2	0	0	0	89	76		0								
	1548	3	0	0	0	95	88		0								
	2148	4	T.13	0	0	94	72		1								
	MID.	X	0	0	0	80	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0851	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.445	26.320	26.300
BAROGRAPH 64	26.450	26.440	26.315	26.300
BAR. CORR. 65	+.010	+.005	+.005	±0.0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
95	72	0.13	0	0	52	5	1439					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1718	1830			
RW-	1732	1821			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0438 SUNSET 1902

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: 1047 / 2242 /

1752/1752

1718/1718

2152/ ~~2359~~ APPR 7143/2359

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: JUL 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 (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0052	CLR	20			996	77	47	19	18G27		965	807 1002	WRG
SA	0152	CLR	20			986	77	44	18	20G32		963		WRG
SA	0250	CLR	20			986	76	43	19	20G32		963		WRG
SA	0352	CLR	20			994	73	44	19	19G25		965	S02 72 20013	JS
													RADAT 20140	
SA	0451	CLR	20			998	73	38	19	18G26		966	ACSL WSW	JS
SA	0552	CLR	20			010	73	40	19	20G29 35		966	ACSL WSW PK	JS
													WND 1936/47	
SA	0654	CLR	20			001	75	34	18	21G33		964	ACSL SW-W PK WND	JS
													1838/28 / 802 1040	
SA	0753	CLR	20			004	76	30	21	25G40		966	PK WND 2142/42	JS
SA	0851	CLR	20			002	76	30	20	26G42		965	ACSL ESE PK WND	JS
													2048/43	
SA	0952	CLR	20			009	80	22	19	17G23		967	ACSL NE-SE PK	JS
													WND 1948/08/310	
													1040 72	
SA	1050	CLR	20			019	79	29	21	21G34		971	ACSL NE-SE PK WND	JS
													2136/19	
SA	1150	CLR	20			015	80	32	18	20G29		970	ACSL E CU DSNT SE	JS
													PK WND 1839/01	
SA	1252	CLR	20			006	82	29	20	20G36		967	CU DSNT SE	JS
													PK WND 2041/40/	
													000 1100	
SA	1350	CLR	20			011	82	25	21	20G35		969	CU DSNT SE NW	JS
													PK WND 2147/31	
SA	1450	CLR	20			007	82	21	19	25G48		967	ACSL E SW CU DSNT	JS
													SE PK WND 1945/44	
SA	1552	CLR	20			008	82	23	18	24G34		967	PK WND 1844/10/000	
													1040 83	WRG
SA	1652	CLR	20			009	81	15	19	25G38		967	PK wnd 1939/08	
													ACSL E	WRG
SA	1752	CLR	20			014	78	16	20	22G33		970	PK wnd 1837/30 ACSL E	WRG
SA	1852	CLR	20			023	75	20	18	22G32		971	1010 1005	WRG
SA	1950	CLR	20			032	72	22	19	21G31		973	FEW CI NW	WRG
SA	2050	CLR	20			041	70	19	19	18G26		975		WRG
SA	2152	CLR	20			040	67	24	21	18G28		975	114 1005 83	WRG
SA	2252	CLR	20			052	65	30	21	20G30		979		WRG
SA	2352	CLR	20			060	64	28	22	18G28		981		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 $6RRRt_R$ $7ww_1W_2$ $8N_hC_LC_MC_H$ 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: JUL 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	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	26.280			35	0	0	Cl	250												0	8	.020			00-01
01 52	26.260			31	0															0					01-02
02 50	26.260			31	0															0					02-03
03 52	26.275			36	0															0	5	.005			03-04
04 51	26.285			28	0															0					04-05
05 52	26.290			30	0															0					05-06
06 54	26.270			22	0	0	ACSL	150												0	8	.005			06-07
07 53	26.290			19	0															0					07-08
08 51	26.280			18	0															0					08-09
09 52	26.300			12	0	0	ACSL	150												0	3	.030			09-10
10 50	26.330			16	0															0					10-11
11 50	26.320			18	0															0					11-12
12 52	26.300			14	0	0	Cu	80												0	0	.000			12-13
13 50	26.310			12	0															0					13-14
14 50	26.300			11	0															0					14-15
15 52	26.300			11	0	0	ACSL	160												0	0	.000			15-16
16 52	26.300			9	0															0					16-17
17 52	26.315			9	0															0					17-18
18 52	26.330			13	0	0	Cl	250												0	3	.030			18-19
19 50	26.350			15	0															0					19-20
20 50	26.370			14	0															0					20-21
21 52	26.370			20	0	0	Cl	250												0	1	.040			21-22
22 52	26.400			27	0															0					22-23
23 52	26.420			26	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	78	73	X	X						X		
	0349	1	0	0	0	80	72		0								
	0950	2	0	0	0	80	72		0								
	1548	3	0	0	0	83	78		0								
	2148	4	0	0	0	82	67		0								
	MID.	X	0	0	0	67	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.275	26.300	26.300	26.320
BAROGRAPH 64	26.260	26.290	26.295	23360
BAR. CORR. 65	+.015	+.010	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	64	0	0	0	49	5	0843					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 0434 SUNSET 1902

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: 10605 12346 /

0952/0952 1252/1252

1452/~~0350~~ APP 310/2350

0851/PK GUST 49/7/28/87. 0952/PK GUST 36/1140 7:30

1450/PK GUST 45/7/28/87.

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: JUL 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 (Hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0052	CLR	20			063	63	28	20	17G28		982	120	WRG
SA	0152	CLR	20			072	61	29	26	12		984		WRG
SA	0250	CLR	20			082	59	29	27	04		986		WRG
SA	0350	CLR	20			090	56	32	32	08		988	220 56 RADAT 20112	JS
SA	0450	250 - SCT	20			101	55	35	36	07		992		JS
SA	0550	250 - SCT	20			113	58	34	01	08		995		JS
SA	0650	250 - SCT	20			120	62	35	33	04		997	227 1008	JS
SA	0750	250 - SCT	20			122	64	34	29	06		998		JS
SA	0850	CLR	20			130	65	32	32	05		000		JS
SA	0950	CLR	20			129	68	33	27	06		000	107 55	JS
SA	1050	CLR	20			129	68	32	18	03		000		JS
							70							
SA	1150	CLR	20			120	74	30	21	10		997		JS
SA	1252	CLR	20			112	77	24	24	16		995	814	JS
SA	1350	CLR	20			103	77	20	24	15		993		JS
SA	1453	CLR	20			101	79	17	24	13G24		992		JS
SA	1552	CLR	20			103	79	23	21	14G22		992	610 80 RADAT 20117	WRG
SA	1652	CLR	20			103	79	17	21	12G22		992		WRG
SA	1752	CLR	20			103	77	14	21	15		992		WRG
SA	1852	CLR	20			102	75	15	23	10G19		992	400	WRG
SA	1952	CLR	20			105	73	18	23	12		993		WRG
SA	2050	CLR	20			111	69	19	21	08		994		WRG
SA	2152	CLR	20			111	66	21	10	04		994	107 80	WRG
SA	2252	CLR	20			111	65	19	12	09		994		WRG
SA	2352	CLR	20			110	63	21	12	09		994		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: JUL 18 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	26.430			27	0															0	1	.060			00-01
01 52	26.450			29	0															0					01-02
02 50	26.470			32	0															0					02-03
03 50	26.490			40	0															0	2	.060			03-04
04 50	26.520			45	3															1					04-05
05 51	26.550			40	3															1					05-06
06 50	26.570			36	2	2	CS	250												0	2	.080			06-07
07 50	26.575			32	2															0					07-08
08 50	26.590			29	0															0					08-09
09 50	26.590			27	0															0	1	.020			09-10
10 50	26.590			25	0															0					10-11
11 50	26.570			20	0															0					11-12
12 52	26.550			14	0															0	8	.040			12-13
13 50	26.525			12	0															0					13-14
14 53	26.520			10	0															0					14-15
15 52	26.520			13	0															0	6	.030			15-16
16 52	26.520			10	0															0					16-17
17 52	26.520			9	0															0					17-18
18 52	26.520			10	0															0	4	.000			18-19
19 52	26.530			12	0															0					19-20
20 50	26.540			15	0															0					20-21
21 52	26.540			18	0															0	1	.020			21-22
22 52	26.540			17	0															0					22-23
23 52	26.540			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. PM 0348	X	0	0	X	64	56	X	X						X		
	0348	1	0	0	0	67	56		0								
	0948	2	0	0	0	68	55		0								
	1548	3	0	0	0	80	68		0								
	2148	4	0	0	0	80	65		0								
	MID.	X	0	0	0	66	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.590	26.520	26.540
BAROGRAPH 64	26.485	26.585	26.510	26.525
BAR. CORR. 65	+.005	+.005	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	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	55	0	0	0	28	5	0045					1	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 0439 SUNSET 1901

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: 1050 /2048 /

1050/~~1050~~ Temp 70/1050

☆ 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: JUL 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)	OBS. INITIALS (15)
SA	0052	CLR	20			107	58	18	00	00		993	803 1005	WRG
SA	0150	CLR	20			105	60	19	06	07		993	RAU C1	WRG
SA	0250	250 -SCT	20			104	57	23	11	03		993		WRG
SA	0352	250 - BKN	20			104	54	24	11	03		992	803 1001 54 RADAT 20119	HS
SA	0450	250 - SCT	20			110	55	24	02	08		994		HS
SA	0550	250 SCT	20			108	63	25	02	05		994		HS
SA	0650	250 SCT	20			109	69	28	00	00		995	110 1002	HS
SA	0750	250 SCT	20			108	73	30	23	15		995		HS
SA	0851	250 SCT	20			107	78	24	19	13		995		HS
SA	0952	250 SCT	20			115	79	23	21	14	624	997	305 1002 53	HS
SA	1051	250 - SCT	20			112	81	18	21	13	625	996		HS
SA	1151	250 - SCT	20			109	82	15	21	15	626	995	ACSL W	HS
SA	1250	250 SCT	20			108	83	17	21	14	626	994	ACSL N 708 1042	HS
SA	1351	250 - SCT	20			098	84	15	21	14	621	992	ACSL NE	HS
SA	1450	250 SCT	20			095	85	15	21	11	629	991	ACSL NE	HS
SA	1553	E200 BKN	20			096	86	15	18	13	627	991	610 107687 RADAT	SC
/													53129	/
SA	1653	E230 BKN	20			093	83	12	23	12	618	990		[illegible]
SA	1758	E230 BKN	20			093	83	11	23	13	618	991		[illegible]
SA	1855	E230 BKN	20			092	80	10	23	07		991	500 1008	[illegible]
SA	1955	E230 OVC	20			092	76	11	13	05		991		[illegible]
SA	2051	E230 OVC	20			090	74	15	12	05		991		[illegible]
SA	2158	230 SCT	20			090	72	16	12	07		991	400 1008 87	[illegible]
SA	2257	230 SCT	20			098	71	13	10	03		993		[illegible]
SA	2359	230 SCT	20			099	76	10	21	08		994		[illegible]

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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	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	26.530			21	0	0	C1	250												0	8	.010			00-01
01 52	26.530			20	0															0					01-02
02 50	26.530			27	1															0					02-03
03 52	26.520			30	6	6	C1	250												1	8	.010			03-04
04 50	26.540			30	1															1					04-05
05 50	26.540			23	1															1					05-06
06 50	26.550			21	3	3	C1	250												3	1	.030			06-07
07 50	26.550			21	4															3					07-08
08 51	26.550			14	3															2					08-09
09 52	26.565			13	3	3	C1	250												2	3	.015			09-10
10 51	26.560			9	3															1					10-11
11 51	26.550			8	3															1					11-12
12 50	26.540			8	3	0	ACSL	180	3	C1	250	3								2	7	.025			12-13
13 51	26.520			8	3															1	—				13-14
14 50	26.510			7	4															3					14-15
15 53	26.510			7	7	0	AC	150	7	CS	200	7								4	6	.080			15-16
16 53	26.500			7	9															8					16-17
17 58	26.510			7	9															8					17-18
18 55	26.510			7	9	9	CS	230												8	5	.000			18-19
19 55	26.510			8	10															8					19-20
20 51	26.510			10	10															8					20-21
21 58	26.510			12	4	4	CS	230												3	4	.000			21-22
22 57	26.530			11	3															3					22-23
23 59	26.540			8	3															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		0	0		63	54										
	0350	1	0	0	0	66	54		0								
	0950	2	0	0	0	79	53		0								
	1548	3	0	0	0	87	79		0								
	2154	4	0	0	0	86	70		0								
	MID.		0	0	0	76	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1550	2158
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.565	26.512	26.510
BAROGRAPH 64	26.520	26.560	26.506	26.510
BAR. CORR. 65	0	+.005	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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	53	0	0	0	29	SW	1446					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 0440 SUNSET 1901

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: 1063 3P / 1800P /

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: JUL 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 (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC (SEE QC INSTRUCTIONS) (15)
SA	0055	230 SCT	20			092	71	10	27	10		992	003 1008	HS
SA	0152	230 SCT	20			092	69	13	29	05		992		HS
SA	0255	230 SCT	20			095	65	14	36	06		992	DSNT LTNG SE	HS
SA	0351	250 - SCT	20			095	63	15	03	09		992	400 1001 62 RADAT 20132	HS
SA	0450	90SCT 250 SCT	20			101	62	17	02	08		993		HS
SA	0552	90SCT E250 BKN	20			104	65	19	23	04		994	TCU W	HS
SA	0653	90SCT E250 BKN	20			108	68	21	34	05		995	RWU SE 210 1202	HS
SA	0751	E90 BKN	20			116	69	20	21	03		997	RWU E	HS
SP	0828	E90 OVC	20		T				15	08		999	TB27 5 MOVG NE RWUSW	HS
RS	0850	E90 OVC	20			112	71	48	25	05		996	~~TE48~~ TE48 MOVD N RWU NW-NE	HS
SA	0952	E80 OVC	20			124	68	45	36	08		999	CB ALQDS MOVG N RWU NW	/
/													21008 13// 61	HS
SA	1050	E80 OVC	20			131	69	46	34	08		001	CB ALQDS MOVG N RWU	/
/													W-NW RB19E22	HS
SA	1150	E80 OVC	20		RW-	138	65	53	28	10		003	CB ALQDS MOVG N RB22	/
/		30SCT											VSBY LWR NW	HS
SA	1250	30SCT E80 OVC	5		RW-F	135	60	56	03	10		001	CB ALQDS MOVG N	/
/													00709 13//	HS
SA	1350	30SCT E80 OVC	5		RW-F	134	59	56	04	14	G20	000	CB ALQDS MOVG N	HS
SA	1451	15SCT M65 OVC	5		RW-F	139	59	57	05	15		999	CB ALQDS MOVG N	HS
SP	1530	15SCT M65 OVC	2		RW-F				04	15		999	RW- OCNLY RW	HS
RS	1552	15SCT M65 OVC	5		RW-F	133	60	56	05	16		999	60724 14// 74	HS
—	—												RADAT 94140	—
SA	1651	15SCT M55 OVC	15		RW-	132	61	58	06	11		999	CB DSNT SE	HS
SA	1754	M65 OVC	20			130	61	57	05	12		999	FEW CUFRA 15 HND RE26	HS
SA	1850	M55 OVC	20			121	62	57	06	12		996	BINOVC FEW CUFRA 15 HND	HS
—	—												80703 14//	—
SA	1957	M55 OVC	20			120	63	56	09	10		996		HS
SA	2055	M55 BKN	20			118	63	56	02	08		996	RB28E33	HS
SA	2157	55SCT	20			116	61	57	03	09		995	80303 1400 77	HS
SA	2253	55SCT 250 SCT	20		RW-	106	60	58	05	09		992	CB LTGIC SE RB22	HS
SP	2308	M55 BKN 250 BKN	10		TRW-				04	09		991	TS B06 MOVG N OCNL	HS
—	—												LTGIC SE-S	—
SP	2340	M55 BKN 250 BKN	20						04	10		990	TE38 MOVD N OCNL	HS
—	—												LTGIC NE AND NW	—
SA	2350	M55 BKN 250 OVC	10		RW-	100	60	58	03	10		990	TB06E38 MOVD N OCNL	HS
—	—												LTGIC N RW- OCNLY RW	

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 $6RRR_tR$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: JUL 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	HET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.520			9	3	3	CS	230												2	0	.010			00-01
01 52	26.520			11	2															2					01-02
02 55	26.520			14	2															2					02-03
03 51	26.520			16	4	4	Ci	250												2	4	.000			03-04
04 50	26.530			17	3															3					04-05
05 52	26.540			17	7															6					05-06
06 53	26.550			17	7	4	Cu	90	3	Ci	E250	7								5	2	.030			06-07
07 51	26.570			15	9															9					07-08
08 50	26.560			44	10															9					08-09
09 52	26.580			43	10	10	CB	E80												10	2	.030			09-10
10 50	26.600			43	10															10					10-11
11 50	26.620			66	10															10					11-12
12 52	26.600			87	10	1	Sc	30	9	CB	E80	10								10	0	.020			12-13
13 50	26.590			91	10															10					13-14
14 51	26.580			93	10															10					14-15
15 52	26.580			87	10	3	CUFRA	15	10	Sc	M65	10								10	6	.020			15-16
16 51	26.580			90	10															9					16-17
17 54	26.580			87	10															9					17-18
18 50	26.560			84	10	0	CUFRA	15	10	Sc	M55	10								9	8	.020			18-19
19 57	26.560			78	10															10					19-20
20 55	26.560			78	1															1					20-21
21 57	26.550			87	4	4	Sc	55												4	8	.010			21-22
22 53	26.520			93	4															4					22-23
23 50	26.500			93	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 03 49	X	0	0	X	77	62	X	X						X		
	03 49	1	0	0	0	77	62		0								
	0950	2	T	0	0	74	61		0								
	1548	3	.24	0	0	71	58		2								
	2152	4	.03	0	0	63	60		1								
	MID.	X	.09	0	0	61	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1552	2157
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.580	26.580	26.550
BAROGRAPH 64	26.520	26.580	26.580	26.550
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	58	.36	0	0	22	NE	1531					9	8		

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1900

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 0700 / 1833 /

1252/1252 1050/1050 0952/PK WND/1022 - BAD DATA-RECORDER OUT

1451/1451 0800/RB RMK/1900 1050/RB RMK/1901

1150/1150

GUST RECORDER OTS 0830-1130

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
RW-	0809	0813			
T	0827	0848			
RW-	0831	0846			
RW-	1019	1022			
RW-	1122	1133			
RW-	1143	1726			
F	1235	1605			
RW-	2028	2033			
RW-	2222	2323			
T	2306	2338			
RW	2323	2328			
RW-	2328	2335			
RW-	2341	CONT.			

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: JUL 21 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)	OBS. INITIALS (15)
SP	0031	M50 OVC	20		TRW-				01	08		990	T NW B28 OCNL LTGICNW	HS
RS	0050	M55 BKN 250 BKN	20			095	60	58	03	11		987	T028E48 MOVD N OCNL	HS
—	—												LTGIC SW-NW RE38	—
—	—												72412 1903	—
SP	0103	M55 BKN 250 BKN	20		T				04	08		987	T SW B01 OCNL LTGICCGSW	HS
SA	0150	M50 OVC	5		TRW-	105	59	58	29	04		990	T NE MOVG N B01 RB07	HS
—	—												OCNL LTGIC NE	—
SP	0203	55 SCT E 250 BKN	20						03	07		987	TE02 MOVD NE LTGIC NE	HS
SP	0230	M50 BKN 250 BKN	20		T				05	07		986	T SW B26 MOVG NE OCNL	HS
—	—												LTGICCG SW DSNT LTNG NE	—
RS	0251	M50 BKN 250 BKN	20			096	60	58	04	13		987	T026E48 MOVD N RE48	HS
—	—												OCNL LTGIC N	—
SA	0354	E50 BKN 250 BKN	20			095	60	58	36	03		987	00023 1202 59 RADAT95130	HS
SA	0453	E50 BKN	20			099	58	58	01	03		988	MTN TPS OBSCD SE	HS
SA	0552	60 SCT	20			102	59	59	07	05		990		HS
SA	0650	60 SCT	20			105	61	59	09	04		991	210 1200	HS
SA	0750	60 SCT	20			105	66	52	32	05		992		HS
SA	0850	CLR	20			103	71	53	23	13		992	SC SE	HS
SA	0951	CLR	20			106	73	42	23	12	G23	993	SC SE B07 1400 58	HS
SA	1052	CLR	20			103	74	43	25	11	G20	992	SC E	HS
SA	1150	CLR	20			093	78	44	22	14	G24	990	FEW CU	HS
SA	1251	CLR	20			089	79	38	21	14	G30	988	FEW CU 714 1100	HS
SA	1350	CLR	20			085	79	39	21	14	G29	987	FEW CU	HS
SA	1450	CLR	20			085	80	39	20	12	G25	987		HS
SA	1552	CLR	20			081	81	32	22	22	G28	986	707 81 RADAT 28140	HS
SA	1651	CLR	20			078	80	33	21	20	G30	985		HS
SA	1756	CLR	20			079	78	32	21	18	G26	985		HS
SA	1853	CLR	20			083	76	32	20	14	G20	986	500	HS
SA	1952	CLR	20			089	74	32	19	13		988		HS
SA	2053	CLR	20			094	72	34	22	10		991		HS
SA	2155	CLR	20			097	72	34	28	07		992	117 81	HS
SA	2257	CLR	20			097	71	33	21	07		992		HS
SA	2355	CLR	20			097	67	36	27	07		992		HS

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

FM12-VII: Iliii $i_R i_x$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: JUL 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.480			93	8	6	CB	M55	2	CI	250	8								8	7	.070			00-01
01 50	26.500			97	10															10					01-02
02 51	26.480			93	8															7					02-03
03 54	26.480			92	8	6	CU	E50	2	CI	250	8								7	0	.000			03-04
04 53	26.490			99	7															7					04-05
05 57	26.500			99	5															5					05-06
06 50	26.510			92	3	3	CU	60												3	2	.030			06-07
07 50	26.520			61	2															2					07-08
08 50	26.520			54	0															0					08-09
09 51	26.530			34	0	0	SC	60												0	2	.020			09-10
10 52	26.520			33	0															0					10-11
11 50	26.500			30	0															0					11-12
12 51	26.490			24	0	0	CU	60												0	7	.040			12-13
13 50	26.480			24	0															0					13-14
14 50	26.480			23	0															0					14-15
15 52	26.470			19	0															0	7	.020			15-16
16 54	26.460			18	0															0					16-17
17 56	26.460			19	0															0					17-18
18 53	26.470			20	0															0	5	.000			18-19
19 52	26.490			21	0															0					19-20
20 53	26.510			25	0															0					20-21
21 55	26.520			25	0															0	1	.050			21-22
22 57	26.520			25	0															0					22-23
23 55	26.520			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 0358	X	.14	0	X	61	59	X	X						X		
	0352	1	.23	0	0	61	59		1								
	0949	2	0	0	0	73	58		0								
	1548	3	0	0	0	81	72		0								
	2150	4	0	0	0	81	69		0								
	MID.	X	0	0	0	72	67	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0950	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.530	26.470	26.520
BAROGRAPH 64	26.490	26.540	26.470	26.500
BAR. CORR. 65	-.010	*-.010	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	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Mph.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
81	58	.14	0	0	33	SW	1658					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT.	0038			
T	0135	0145			
T	0101	0202			
RW-	0107	0202			
RW-	0212	0222			
T	0226	0248			
RW	0231	0235			
RW-	0235	0248			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0441 SUNSET 1859

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: 10700 /1605 /

0354 /0402 1552/1552

*BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: JUL 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 (°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	CLR	20			098	65	36	24	10		992	400	
SA	0156	CLR	20			101	66	36	22	09		993		
SA	0250	CLR	20			105	65	37	09	03		994		
SA	0353	CLR	20			108	60	41	34	03		994	107 60	HS
SA	0450	CLR	20			112	60	41	31	04		995	RADAT 42132	HS
SA	0550	CLR	20			118	67	39	01	03		997		HS
SA	0652	CLR	20			124	68	38	24	06		000	411	HS
SA	0752	CLR	20			127	71	38	24	06		001		HS
SA	0853	CLR	20			133	70	38	25	04		002		HS
SA	0950	CLR	20			127	74	38	21	09		001	003 59	HS
SA	1051	CLR	20			128	77	37	20	09		000		HS
SA	1154	CLR	20			119	81	34	24	09		999		HS
SA	1250	CLR	20			112	83	25	23	12	622	996	814	HS
SA	1350	CLR	20			101	85	24	25	13	621	994		HS
SA	1450	CLR	20			094	87	21	24	15	627	992		HS
SA	1534	CLR	20			096	87	23	23	22	629	992	614 87 RADAT 20151	
SA	1654	CLR	20			096	86	20	23	16	622	992		
SA	1752	CLR	20			096	85	16	23	12		992		
SA	1857	CLR	20			096	80	22	24	07		992	400	
SA	1954	CLR	20			101	75	29	23	09		993		
SA	2052	CLR	20			106	73	25	17	08		994		
SA	2150	CLR	20			107	68	33	31	03		994	107 87	
SA	2257	CLR	20			105	69	32	09	05		994		
SA	2354	CLR	20			103	68	32	08	06		994		

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

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

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: JUL 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 O. PAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.520			34	0															0	4	.000			00-01
01 56	26.530			33	0															0					01-02
02 50	26.540			36	0															0					02-03
03 53	26.540			48	0															0	1	.020			03-04
04 50	26.550			49	0															0					04-05
05 50	26.570			40	0															0					05-06
06 52	26.590			34	0															0	2	.050			06-07
07 52	26.600			31	0															0					07-08
08 53	26.610			31	0															0					08-09
09 50	26.600			27	0															0	0	.010			09-10
10 51	26.590			24	0															0					10-11
11 54	26.580			18	0															0					11-12
12 50	26.560			12	0															0	8	.040			12-13
13 50	26.540			11	0															0					13-14
14 50	26.520			9	0															0					14-15
15 54	26.520			10	0															0	6	.040			15-16
16 54	26.520			9	0															0					16-17
17 52	26.520			8	0															0					17-18
18 57	26.520			12	0															0	4	.000			18-19
19 54	26.530			18	0															0					19-20
20 52	26.540			17	0															0					20-21
21 50	26.540			27	0															0	1	.020			21-22
22 57	26.540			25	0															0					22-23
23 54	26.540			26	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	68	60	X	X						X		
	0351	1	0	0	0	72	60		0								
	0948	2	0	0	0	74	59		0								
	1550	3	0	0	0	87	73		0								
	2145	4	0	0	0	87	68		0								
	MID.	X	0	0	0	72	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.520	26.540
BAROGRAPH 64	26.520	26.590	26.500	26.515
BAR. CORR. 65	+.020	+.010	+.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 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
87	59	0	0	0	29	SW	1550					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0442 SUNSET 1859

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: 10800/1556/

MF1-10B (4-86) SUPERSEDES MF1-10B (1-87 and 10-83) WHICH MAY BE USED

U.S. Government Printing Office: 1989 [illegible]

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: JUL 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 (100's 36's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			104	64	34	06	05		994	400	[illegible]
SA	0151	CLR	20			103	64	34	09	06		994		[illegible]
SA	0254	CLR	20			100	61	34	04	05		993		[illegible]
SA	0356	CLR	20			099	62	32	16	02		993	703 60 RADAT 20158	MR
SA	0452	CLR	20			104	60	35	10	02		994		MR
SA	0552	CLR	20			106	64	35	11	03		995		MR
SA	0650	CLR	20			106	70	35	17	02		995	107	MR
SA	0752	CLR	20			105	76	31	34	02		995		MR
SA	0852	CLR	20			104	80	29	23	06		995	CI SW	MR
SA	0957	CLR	20			102	82	28	21	04		994	803 1001 58	MR
SA	1059	CLR	20			094	87	28	17	08		993		MR
SA	1154	CLR	20			086	89	23	22	156	26	991		MR
SA	1258	CLR	20			081	90	23	23	206	27	990	717	MR
SA	1352	CLR	20			073	92	24	23	196	27	986		MR
SA	1452	CLR	20			072	92	22	23	156	24	986		MR
SA	1550	CLR	20			065	92	22	20	15 G 21		984	714 93 RADAT 20155	CRD
SA	1650	CLR	20			065	91	22	20	12 G 21		984		CRD
SA	1756	CLR	20			065	89	23	23	13		984		CRD
SA	1850	CLR	20			065	86	24	23	10		984	500	CRD
SA	1952	CLR	20			068	81	27	19	10		985		CRD
SA	2052	CLR	20			075	77	28	20	08		986		CRD
SA	2153	CLR	20			077	76	29	20	06		987	210 93	CRD
SA	2250	CLR	20			072	73	31	33	04		986		CRD
SA	2353	CLR	20			072	71	32	17	02		986		CRD

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 54	26.540			33	0															0	4	.000			00-01
01 51	26.540			33	0															0					01-02
02 54	26.530			36	0															0					02-03
03 56	26.530			33	0															0	7	.010			03-04
04 52	26.540			39	0															0					04-05
05 52	26.550			34	0															0					05-06
06 50	26.550			28	0															0	1	.020			06-07
07 52	26.550			19	0															0					07-08
08 52	26.550			16	0															0					08-09
09 57	26.540			14	0	0	CI	300												0	8	.010			09-10
10 59	26.525			12	0															0					10-11
11 54	26.505			9	0															0					11-12
12 58	26.490			9	0															0	7	? .050			12-13
13 52	26.470			9	0															0					13-14
14 52	26.465			8	0															0					14-15
15 50	26.450			8	0															0	7	.040			15-16
16 50	26.445			8	0															0					16-17
17 56	26.450			9	0															0					17-18
18 50	26.450			10	0															0	5	.000			18-19
19 52	26.460			14	0															0					19-20
20 52	26.470			16	0															0					20-21
21 53	26.480			18	0															0	2	.030			21-22
22 50	26.470			21	0															0					22-23
23 53	26.470			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	70	60	X	X						X		
	0352	1	0	0	0	72	60		0								
	0952	2	0	0	0	83	58		0								
	1547	3	0	0	0	93	82		0								
	2150	4	0	0	0	93	76		0								
	MID.	X	0	0	0	77	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0956	1549	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.540	26.450	26.480
BAROGRAPH 64	26.500	26.520	26.440	26.460
BAR. CORR. 65	+.030	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
93	58	0	0	0	29	SW	1325					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 0443 SUNSET 1858

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: 1059P / 1800P /

1059 / 1058P

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

☆ U.S. Government Printing Office: 1986—654-393

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: JUL 24 1981

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 (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENSOR'S INITIALS (15)
SA	0059	CLR	20			074	68	33	08	04		987	502	CRD
SA	0156	CLR	20			076	65	34	05	06		987		CRD
SA	0250	CLR	20			075	66	33	09	03		987		CRD
SA	0358	250 - BKN	20			079	66	33	08	02		988	305 1006 64 RADAT 20158	MR
SA	0450	250 - BKN	20			085	62	36	36	03		990		MR
SA	0552	250 - BKN	20			089	64	38	00	00		991		MR
SA	0652	250 - BKN	20			091	73	36	00	00		992	210 1004	MR
SA	0758	250 - BKN	20			092	82	32	25	03		993		MR
SA	0852	250 - SCT	20			091	84	32	20	04		993		MR
SA	0955	250 SCT	20			090	87	31	21	06 & 14		993	802 1001 60	MR
SA	1054	250 - BKN	20			086	90	30	22	15		992		MR
SA	1153	E 250 BKN	20			077	93	27	22	19 & 28		988		MR
SA	1257	E 250 BKN	20			073	95	25	23	24 & 36		987	PK WND 2336/52 715 1034	MR
SA	1355	E250 BKN	20			071	96	26	21	19 & 28		986	WND 18V23	MR
SA	1453	E 250 BKN	20			067	95	25	22	16 & 22		985	WND 19V24	MR
SA	1550	E250 BKN	20			062	94	25	20	20 & 28		984	712 1002 97 RADAT 20162	CRD
SA	1653	E250 BKN	20			060	94	23	21	14 & 24		983		CRD
SA	1750	E250 BKN	20			058	93	22	19	16 & 24		982		CRD
SA	1854	E250 BKN	20			063	89	20	21	14		984	302 1002	CRD
SA	1954	250-BKN	20			064	85	22	19	10		985		CRD
SA	2050	250 SCT	20			065	85	22	17	10		986		CRD
SA	2150	250 SCT	20			068	82	22	14	04		987	208 1002 97	CRD
SA	2251	250 SCT	20			066	82	23	36	06		986		CRD
SA	2352	250 SCT	20			064	80	24	09	05		986		CRD

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

FM12-VII: 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: JUL 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 59	26.475			27	0															0	5	.005			00-01
01 56	26.480			32	0															0					01-02
02 50	26.480			29	0															0					02-03
03 58	26.490			30	7	7	Ci	250												2	3	.015			03-04
04 50	26.500			38	9															3					04-05
05 52	26.510			37	9															3					05-06
06 52	26.520			26	9	9	Ci	250												3	2	.030			06-07
07 58	26.530			17	7															2					07-08
08 52	26.525			15	5															2					08-09
09 55	26.525			14	4	4	Ci	250												3	0	.005			09-10
10 54	26.515			12	6															3					10-11
11 53	26.425			10	7															4					11-12
12 57	26.400			8	7	0	Ac	160	7	Ci	E250	7								4	7	.045			12-13
13 55	26.470			8	8															5					13-14
14 53	26.460			8	9															5					14-15
15 50	26.445			8	7	7	Ci	E250												4	7	.035			15-16
16 53	26.435			8	6															4					16-17
17 50	26.430			8	6															4					17-18
18 54	26.450			8	6	6	Ci	E250												4	3	.005			18-19
19 54	26.460			10	6															3					19-20
20 50	26.465			10	5															3					20-21
21 50	26.475			11	4	4	Ci	250												3	2	.025			21-22
22 51	26.470			11	3															2					22-23
23 52	26.470			13	3															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	X	0	0	X	72	64	X	X						X		
	0352	1	0	0	0	72	64		0								
	0952	2	0	0	0	87	60		0								
	1548	3	0	0	0	97	87		0								
	2147	4	0	0	0	95	80		0								
	MID.	X	0	0	0	84	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.525	26.445	26.475
BAROGRAPH 64	26.460	26.500	26.435	26.460
BAR. CORR. 65	+.030	+.025	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNKL. 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
97	60	0	0	0	36	SW	1252					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 SUNSET 1857

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: 1040LP / 1900P /

0955 / APP 002 / 7/25/87 0400

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: JUL 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0054	CLR	20			070	73	28	10	07		987	500	CRD
SA	0151	CLR	20			071	67	31	04	07		987		CRD
SA	0250	CLR	20			075	64	32	07	05		987		CRD
SA	0354	CLR	20			079	66	30	01	08		988	305 1030 64 RADAT 20154	MR
SA	0449	CLR	20			088	62	33	08	03		991		MR
SA	0556	CLR	20			092	70	32	26	03		993		MR
SA	0653	CLR	20			095	77	32	22	03		994	K LYR SE 117	MR
SA	0752	CLR	20			100	83	28	30	06		996	K LYR SE	MR
SA	0856	CLR	20			098	85	28	21	09		996		MR
SA	0958	CLR	20			096	88	28	26	12		995	003 62	MR
SA	1053	CLR	20			093	91	28	25	14		995		MR
SA	1157	CLR	20			086	94	31	20	16	G25	993		MR
SA	1254	CLR	20			086	96	32	23	16	G26	992	810	MR
SA	1355	CLR	20			080	97	29	24	17	G25	990		MR
SA	1455	CLR	20			078	97	29	24	16	G24	988	CB DSNT SE	MR
SA	1551	CLR	20			072	97	28	21	15	G22	987	714 98 RADAT 20155	CRD
SA	1651	CLR	20			071	96	25	19	12		986		CRD
SA	1752	CLR	20			070	94	21	23	10		986		CRD
SA	1850	CLR	20			068	90	27	26	08		986	603	CRD
SA	1950	CLR	20			073	85	27	14	04		988		CRD
SA	2050	CLR	20			078	84	27	04	05		990	1	CRD
SA	2153	CLR	20			076	82	27	16	03		990	110 98	CRD
SA	2250	CLR	20			083	77	29	07	07		991		CRD
SA	2350	CLR	20			083	75	29	09	07		991		CRD

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

FM12-VII: IIIii $i_R i_x$hVV 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: JUL 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	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	26.475			19	0															0	5	.000			00-01
01 51	26.475			26	0															0					01-02
02 50	26.480			30	0															0					02-03
03 54	26.490			25	0	0	Ac	140												0	3	.015			03-04
04 49	26.510			33	0															0					04-05
05 56	26.530			25	0															0					05-06
06 53	26.540			19	0	0	K	50												0	1	.050			06-07
07 52	26.555			14	0															0					07-08
08 56	26.555			13	0															0					08-09
09 58	26.550			12	0															0	0	.010			09-10
10 53	26.545			10	0															0					10-11
11 57	26.530			11	0															0					11-12
12 54	26.520			11	0															0	8	.030			12-13
13 55	26.500			9	0															0					13-14
14 55	26.490			8	0															0					14-15
15 51	26.480			9	0															0	7	.040			15-16
16 51	26.470			8	0															0					16-17
17 52	26.470			7	0															0					17-18
18 50	26.470			10	0															0	6	.010			18-19
19 50	26.485			12	0															0					19-20
20 50	26.500			13	0															0					20-21
21 53	26.500			13	0															0	1	.030			21-22
22 50	26.510			17	0															0					22-23
23 50	26.510			18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0350	1	0	0		80	64										
	0350	1	0	0	0	84	64		0								
	0950	2	0	0	0	88	62		0								
	1540	3	0	0	0	98	88		0								
	2150	4	0	0	0	98	80		0								
	MID.		0	0	0	85	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0954	1550	2151
ATT THERM 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.550	26.480	26.500
BAROGRAPH 64	26.470	26.550	26.485	26.500
BAR. CORR. 65	+.020	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	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
98	62	0	0	0	26	SW	1250					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

10. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0444 SUNSET 1857

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 P / 1800 P /

* BAROGRAPH CHANGED AND RESET TO ZERO CORR

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: JUL 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)	OBSERVER'S INITIALS (15)
SA	0052	CLR	20			078	78	27	11	10		991	103	CRD
SA	0151	CLR	20			084	74	28	10	06		992		CRD
SA	0250	CLR	20			089	69	31	02	05		993		CRD
SA	0350	CLR	20			095	70	32	11	06		994	210 67 RADAT 62146	AD
SA	0450	~~CLR~~ 90 SCT	20			104	66	33	10	05		996		AD
SA	0550	90 SCT	20			102	74	31	13	04		996		AD
SA	0650	90 SCT	20			100	81	31	00	00		996	107 1070	AD
SA	0750	90 SCT	20			100	86	30	00	00		996		AD
SA	0850	90 SCT	20			098	91	31	05	04		996		AD
SA	0950	90 SCT 150 SCT	20			096	95	31	22	10		996	400 ~~66~~ 1070 66	AD
SA	1050	90 SCT 150 SCT	20			096	96	33	25	14		995		AD
SA	1150	90 SCT 250 SCT	20			092	97	37	26	15		994		AD
SA	1250	90 SCT 250 SCT	20			081	99	42	24	18		992	*714 1202 *TCU NE-SE	AD
SA	1350	90 SCT	20			068	99	44	24	17	G30	987	TCU NE-SE	AD
SA	1450	90 SCT E250 BKN	20			064	97	45	21	13		986	TCU NE-SE	AD
SA	1555	90 SCT E250 BKN	20			060	98	43	23	14	G22	984	CB TCU NE-SE / 724	DC
													1903 00 RADAT 90145	
SA	1653	90 SCT E250 BKN	20			055	97	42	19	14		983	CB TCU N-SE TCU	DC
													OVHD	
SA	1752	90 SCT E250 BKN	20			051	95	40	21	07		982	CB TCU NE-SE RWU	DC
													DSNT SE	
SA	1856	90 SCT E250 BKN	20			053	92	41	22	06		983	CB NE-SE TCU S	DC
													RWU DSNT SE / 503	
													1903	
SA	1956	90 SCT 250-BKN	20			055	89	48	21	06		984	CB OCNL LTG IC S	DC
SA	2057	90 SCT	20			068	86	50	14	07		988	CB OCNL LTG S	DC
SA	2158	90 SCT E250 BKN	20			070	83	51	31	07		988	CB OCNL LTG SE-S	DC
													/ 217 1903 00	
SA	2257	90 SCT 250 SCT	20			079	83	52	09	05		992	CB FQT LTG SE-S	DC
SA	2357	90 SCT E250 BKN	20			080	79	53	29	07		992	CB OCNL LTG SE	DC

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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	3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
0052	26.510			15	0															0	1	.010			00-01
01 51	26.520			18	0															0					01-02
02 50	26.525			24	0															0					02-03
03 50	26.540			25	0															0	2	.030			03-04
04 50	26.560			29	1															1					04-05
05 50	26.560			21	1															1					05-06
06 50	26.560			16	1	1	AC	90												1	1	.020			06-07
07 50	26.560			13	1															1					07-08
08 50	26.570			12	1															1					08-09
09 50	26.560			10	2	1	AC	90	1	AS	150	2								2	4	.000			09-10
10 50	26.550			11	3															3					10-11
11 50	26.540			13	3															3					11-12
12 50	26.520			14	5	4	CU	90	1	CI	250	5								5	7	.040			12-13
13 50	26.480			15	5															5					13-14
14 50	26.470			17	6															6					14-15
15 55	26.450			15	6	3	CB	90	3	CI	E250	6								5	7	.070			15-16
16 53	26.435			15	9															7					16-17
17 52	26.430			15	8															6					17-18
18 56	26.440			17	9	5	CB	90	4	CI	E250	9								7	5	.010			18-19
19 56	26.450			25	9															4					19-20
20 57	26.485			29	2															2					20-21
21 58	26.490			33	9	1	CB	90	8	CI	E250	9								8	2	.050			21-22
22 57	26.515			34	4															3					22-23
23 57	26.515			41	9															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF WEATHER 50	51	52	53	54	55	56	57	58
	MID. TO 0350	X	0	0	X	79	67	X	X						X		
	0350	1	0	0	0	85	67		0								
	0950	2	0	0	0	95	66		0								
	1549	3	0	0	0	100	95		0								
	2151	4	0	0	0	98	83		0								
	MID.	X	0	0	0	84	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.560	26.450	26.490
BAROGRAPH 64	26.535	26.560	26.455	26.490
BAR. CORR. 65	+.005	0	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
100	66	0	0	0	30	SW	1346*					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0445P SUNSET 1856P

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

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

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

0450/0450

0950/0950

* LAST OF SEVERAL OCCURRENCES

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OP. INITIALS (15)
SA	0056	90 SCT E250 OVC	20			080	81	53	18	04		992	210 1203	DC
SA	0157	90 SCT E250 BKN	20			086	80	53	23	07		994	RWU OMTNS SE	DC
SA	0256	90 SCT 250-OVC	20			089	77	54	28	09		994		DC
SA	0350	120 SCT E250 OVC	20			088	77	55	24	07		993	105 1078 77 RADAT 62141	AD
SA	0450	120 SCT E250 OVC	20			096	74	55	12	06		995		AD
SA	0550	120 SCT E250 OVC	20			105	74	55	15	04		997		AD
SA	0650	120 SCT E250 BKN	20			110	76	55	08	04		999	215 1078	AD
SA	0750	120 SCT E250 BKN	20			113	80	54	31	04		000		AD
SA	0850	70 SCT 120 SCT E250 BKN	20			107	86	53	14	09		~~999~~ 000		AD
SA	0950	70 SCT 120 SCT E250 BKN	20			103	89	50	11	17		997	803 1171 73	AD
SA	1050	70 SCT E250 BKN	20			100	89	51	10	18		996		AD
SA	1150	70 SCT	20			098	89	52	10	23		995		AD
SA	1250	70 SCT	20			092	90	52	11	22		994	710 1100	AD
SA	1350	70 SCT 250 SCT	20			085	92	50	11	20		992		AD
SA	1450	70 SCT E250 BKN	20			080	91	51	11	17		990		AD
SA	1557	70 SCT E250 BKN	20			080	88	52	09	14	G19	990	CB OCNL LTGCG RWU	DC
													SW / 614 1906 93	
													RADAT 69148	
SP	1636	M75 BKN 250 BKN	20		TRW-				21	16	G22	992	T B34 W MOVG N	DC
													CB TCU SE-W AND	
													OVHD MOVG N	
SA	1653	75 SCT E100 BKN 250 BKN	20		TRW-	100	75	66	20	12	G20	993	T B34 W CB TCU	DC
													OVHD - SE-W MOVG N	
													RB35	
SP	1701	75 SCT E100 BKN 250 OVC	20		RW-				20	15		993	T E00 DSIPTD CB S-	DC
													SW MOVG N TCU SE	
SA	1757	75 SCT E120 BKN 250 OVC	20			088	82	53	21	10		991	T E00 DSIPTD CBMAM	DC
													OVHD CB RWU S MOVG	
													N RE04	
SA	1856	75 SCT E120 BKN 250 OVC	20			088	80	55	22	06		991	CB RWU S / 00301	DC
													1968	
SA	1955	75 SCT E120 OVC	20			086	79	56	33	09		991		DC
SA	2057	120 SCT	20			090	78	53	34	08		993		DC
SA	2158	120 SCT 250-SCT	20			090	76	55	32	09		993	20701 1078 93	DC
SA	2255	120 SCT	20			095	74	55	15	05		994		DC
SA	2357	CLR	20			096	72	55	05	09		994	FEW AC	DC

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$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: JUL 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 56	26.520			38	10	4	CU	90	6	CI	E250	10								10	2	.030			00-01
01 57	26.535			39	8															6					01-02
02 56	26.535			45	10															5					02-03
03 50	26.535			47	10	4	AC	120	6	CS	E250	10								7	1	.015			03-04
04 50	26.550			52	10															9					04-05
05 50	26.570			52	10															9					05-06
06 50	26.580			48	9	4	AC	120	5	CS	E250	9								8	2	.045			06-07
07 50	26.590			41	9															8					07-08
08 50	26.580			33	7															5					08-09
09 50	26.570			26	6	2	CU	70	2	AC	120	4	2	CI	E250	6				5	8	.010			09-10
10 50	26.560			27	6															5					10-11
11 50	26.550			28	5															5					11-12
12 50	26.540			28	5	5	CU	70												5	7	.030			12-13
13 50	26.520			24	5															5					13-14
14 50	26.500			26	7															6					14-15
15 57	26.500			29	9	2	CB	70	7	CS	E250	9								7	6	.040			15-16
16 53	26.530			74	9															8					16-17
17 57	26.510			37	10															9					17-18
18 56	26.510			42	10	1	CB	75	8	AC	E120	9	1	CS	250	10				9	0	.010			18-19
19 55	26.510			45	10															10					19-20
20 57	26.525			42	2															2					20-21
21 58	26.530			48	3	1	AC	120	2	CS	250	3								1	2	.020			21-22
22 55	26.540			52	2															2					22-23
23 57	26.540			55	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	82	77	X	X						X		
	0350	1	0	0	0	84	77		0								
	0950	2	0	0	0	89	73		0								
	1550	3	0	0	0	93	87		0								
	2150	4	.01	0	0	88	74		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.535	26.570	26.500	26.530
BAROGRAPH 64	26.540	26.580	26.510	26.530
BAR. CORR. 65	-.005	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
93	71	.01	0	0	30	E	1106					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 85	BEGAN 87	ENDED 88
T	1634	1700			
RW-	1635	1704			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0446 SUNSET 1855

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: 1050 / 2100P

☆ 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: JUL 28 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	0056	120 SCT	20			095	68	58	00	00		993	000 1070	DC
SA	0155	CLR	20			090	68	53	00	00		992		DC
SA	0254	CLR	20			091	67	55	11	04		992		DC
SA	0350	250 - SCT	20			096	66	53	00	00		993	500 1001 1166 RADAT MISC	AD
SA	0450	250 - SCT	20			106	67	51	00	00		994		AD
SA	0550	250 - SCT	20			105	70	53	00	00		995		AD
SA	0650	250 - SCT	20			107	77	51	31	05		996	210 1001	AD
SA	0750	250 - SCT	20			100	83	51	01	04		995		AD
SA	0850	250 SCT	20			098	87	50	24	04		995		AD
SA	0950	80 SCT 250 SCT	20			100	88	51	23	08		995	603 1102 65	AD
SA	1050	80 SCT E250 BKN	20			096	90	51	23	06		994		AD
SA	1150	80 SCT E250 BKN	20			092	91	50	26	05		993		AD
SA	1250	80 SCT E250 BKN	20			081	92	49	23	12		991	714 1102	AD
SA	1350	80 SCT E250 BKN	20			082	92	49	24	14		990		AD
SA	1450	80 SCT E250 BKN	20			073	90	50	23	12		986	TCU S-SW	AD
SA	1555	80 SCT E200 OVC	20			069	91	51	22	12		985	FEW TCU / 717 1207	DC
													94 RADAT 82141	
SA	1655	E180 OVC	20			065	89	52	20	12		984	TCU SW BINOVC NW	DC
SA	1757	E180 OVC	20			065	87	55	22	11		984	BINOVC S-NW	DC
SA	1855	E200 OVC	20			057	86	54	20	13		983	BINOVC S-NW / 707	DC
													1207	
SA	1955	E200 OVC	20			064	84	55	04	05		985	BINOVC S-NW	DC
SA	2058	250 - SCT	20			070	80	56	20	06		987		DC
SA	2157	CLR	20			074	79	57	09	07		988	115 1008 94	DC
SA	2256	CLR	20			075	76	57	24	04		988	CS SE	DC
SA	2356	CLR	20			075	74	55	07	04		988	CS SE	DC

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

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

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

☆U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 56	26.530			71	1	1	AC	120												1	0	.000			00-01
01 55	26.520			59	0															0					01-02
02 54	26.520			65	0															0					02-03
03 50	26.530			63	2	2	Ci	250												0	5	.000			03-04
04 50	26.540			56	2															0					04-05
05 50	26.550			55	1															0					05-06
06 50	26.560			41	1	1	Ci	250												0	2	.030			06-07
07 50	26.550			33	3															1					07-08
08 50	26.550			28	5															3					08-09
09 50	26.550			28	5	1	CU	80	4	Ci	250	5								5	6	.010			09-10
10 50	26.540			27	7															7					10-11
11 50	26.530			25	8															7					11-12
12 50	26.510			23	9	2	CU	80	7	Ci	E250	9								8	7	.040			12-13
13 50	26.500			23	9															9					13-14
14 50	26.470			26	9															9					14-15
15 55	26.460			26	10	4	Cu	80	10	CS	E200	10								9	7	.050			15-16
16 55	26.450			29	10															10					16-17
17 57	26.450			34	10															10					17-18
18 55	26.440			34	10	0	Cu	80	10	CS	E200	10								7	7	.020			18-19
19 55	26.460			37	10															8					19-20
20 58	26.475			44	3															1					20-21
21 57	26.485			47	0	0	CS	250												0	1	.045			21-22
22 56	26.490			52	0															0					22-23
23 56	26.490			52	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 61	TIME (L.S.T.) 62	NO. 63	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	72	66	X	X						X		
	0350	1	0	0	0	76	66		0								
	0950	2	0	0	0	89	65		0								
	1550	3	0	0	0	94	88		0								
	2150	4	0	0	0	91	79		0								
	MID.	X	0	0	0	79	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1553	2153
ATT. THERM. 60				
CORRTD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.550	26.460	26.485
BAROGRAPH 64	26.520	26.540	26.465	26.485
BAR. CORR. 65	+.010	+.010	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4 AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knts.) 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
94	65	0	0	0	22	SW	1438					6	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 0447 SUNSET 1854

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/ 2000P/ /

0350/0950P 2001/0450

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUL 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 54	26.490			48	0															0	1	.005			00-01
01 56	26.490			46	0															0					01-02
02 54	26.500			51	0															0					02-03
03 51	26.510			47	0															0	3	.030			03-04
04 50	26.540			52	0															0					04-05
05 50	26.540			43	0															0					05-06
06 50	26.550			40	0															0	2	.030			06-07
07 50	26.550			35	0															0					07-08
08 50	26.550			28	0															0					08-09
09 50	26.550			20	0															0	4	.000			09-10
10 50	26.550			15	1															1					10-11
11 50	26.540			17	1															1					11-12
12 50	26.520			18	2	2	CU	90												2	8	.030			12-13
13 50	26.490			17	2															2					13-14
14 50	26.470			15	2															2					14-15
15 52	26.460			15	2	2	CU	90												2	7	.060			15-16
16 52	26.430			14	1															1					16-17
17 52	26.430			13	0															0					17-18
18 52	26.440			14	0															0	5	.020			18-19
19 52	26.460			17	0															0					19-20
20 50	26.480			20	0															0					20-21
21 52	26.480			20	0															0	1	.070			21-22
22 52	26.490			21	0															0					22-23
23 52	26.490			24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	76	67	X	X						X		
	0350	1	0	0	0	79	67		0								
	0950	2	0	0	0	89	66		0								
	1548	3	0	0	0	95	88		0								
	2148	4	0	0	0	94	80		0								
	MID.	X	0	0	0	80	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.550	26.460	26.480
BAROGRAPH 64	26.510	26.550	26.480	26.470
BAR. CORR. 65	+.010	+/-0	-.020	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	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
95	66	0	0	0	27	SW	1542					1	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 0447 SUNSET 1853

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 0500/ 1000/ 2231 /

CHANGED MICROBAROGRAPH AT 0955 PST

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: JUL 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 (00=36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0054	CLR	20			076	72	51	10	07		988	102	DC
SA	0156	CLR	20			076	72	50	35	04		988		DC
SA	0254	CLR	20			084	68	49	01	04		990		DC
SA	0350	CLR	20			091	67	45	00	00		992	310 67 RADAT 39145	AD
SA	0450	CLR	20			100	66	48	00	00		994		AD
SA	0550	CLR	20			100	71	47	04	04		994		AD
SA	0650	CLR	20			100	76	50	11	03		995	210	AD
SA	0750	CLR	20			099	81	51	11	02		995		AD
SA	0850	CLR	20			099	85	48	15	07		995		AD
SA	0950	CLR	20			099	89	42	22	14		995	400 66	AD
SA	1050	90 SCT	20			100	91	37	23	15		995		AD
SA	1150	90 SCT	20			095	91	40	23	17		994		AD
SA	1250	90 SCT	20			087	93	43	21	19		992	810 1100	AD
SA	1350	90 SCT	20			075	93	42	23	18		988		AD
SA	1450	90 SCT	20			070	94	40	24	15		986		AD
SA	1552	90 SCT	20			067	94	38	23	18G27		985	7 20 1100 95 RADAT 20147	WRG
SA	1652	90 SCT	20			058	93	37	22	16G24		982		WRG
SA	1752	CLR	20			056	91	34	22	10G20		982	FEW CU SE	WRG
SA	1852	CLR	20			059	89	34	24	15		983	507	WRG
SA	1952	CLR	20			065	85	35	23	06		985		WRG
SA	2050	CLR	20			073	81	35	01	03		987		WRG
SA	2152	CLR	20			071	80	35	02	10		987	114 95	WRG
SA	2252	CLR	20			074	79	35	03	03		988		WRG
SA	2352	CLR	20			076	79	35	07	04		988		WRG

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

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

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

☆U.S.GPO:1984-0-764-006/6085

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: JUL 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. METHOD (16)
SA	0052	CLR	20			075	72	35	07	04		988	103	WRG
SA	0152	CLR	20			081	71	36	03	08		990		WRG
SA	0250	CLR	20			082	70	37	04	07		990		WRG
SA	0354	CLR	20			081	69	37	00	00		990	103 69	JP
													RADAT 20145	
SA	0457	CLR	20			089	68	36	00	00		992		JP
SA	0555	CLR	20			096	71	37	00	00		994		JP
SA	0658	CLR	20			099	77	38	00	00		995	117	JP
SA	0754	CLR	20			097	84	37	00	00		995		JP
SA	0855	CLR	20			100	89	37	23	06		996		JP
SA	0953	CLR	20			100	90	36	23	10		996	103 65	JP
SA	1054	CLR	20			095	94	37	23	13		995		JP
SA	1156	CLR	20			089	95	33	22	18		993		JP
SA	1254	CLR	20			086	96	28	21	18		992	714	JP
SA	1352	CLR	20			075	96	33	22	20	G28	988		JP
SA	1450	CLR	20			068	96	29	23	17	G26	986		JP
SA	1552	CLR	20			064	96	28	24	20	G28	985	620 98 RADAT 20156	WRG
SA	1652	CLR	20			063	95	26	22	12	G20	985		WRG
SA	1752	CLR	20			062	94	25	23	12	G19	984		WRG
SA	1852	CLR	20			064	90	23	23	13		985	500	WRG
SA	1950	CLR	20			070	86	23	24	07		987		WRG
SA	2050	CLR	20			077	81	22	36	07		990		WRG
SA	2152	CLR	20			087	78	24	02	09		992	220 98	WRG
SA	2252	CLR	20			085	76	25	03	08		992		WRG
SA	2352	CLR	20			088	75	26	09	06		993		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 Ndddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: JUL 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			25	0															0	1	.010			00-01
01 52	26.500			28	0															0					01-02
02 50	26.500			30	0															0					02-03
03 54	26.500			31	0															0	1	010			03-04
04 57	26.520			31	0															0					04-05
05 55	26.540			29	0															0					05-06
06 58	26.550			25	0															0	1	050			06-07
07 54	26.550			19	0															0					07-08
08 55	26.560			16	0															0					08-09
09 53	26.560			15	0															0	1	010			09-10
10 54	26.550			14	0															0					10-11
11 52	26.530			11	0															0					11-12
12 54	26.520			9	0															0	7	040			12-13
13 52	26.490			11	0															0					13-14
14 50	26.470			9	0															0					14-15
15 52	26.460			9	0															0	6	.060			15-16
16 52	26.455			9	0															0					16-17
17 52	26.450			8	0															0					17-18
18 52	26.460			9	0															0	5	.000			18-19
19 50	26.480			10	0															0					19-20
20 50	26.500			11	0															0					20-21
21 52	26.520			14	0															0	2	.060			21-22
22 52	26.520			15	0															0					22-23
23 52	26.530			16	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	0	0	X	74	69	X	X						X		
	0352	1	0	0	0	80	69		0								
	0951	2	0	0	0	90	65		0								
	1548	3	0	0	0	98	90		0								
	2148	4	0	0	0	97	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0953	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.520	26.460	26.520
BAROGRAPH 64	26.495	26.515	26.455	26.505
BAR. CORR. 65	+005	+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	7AM 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
98	65	0	0	0	29	SW	1402					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 0448 SUNSET 1853

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: 1070SP/2246P/

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: JUL 31 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. INITIALS (15)
SA	0050	CLR	20			091	71	26	05	08		994	205	WRG
SA	0150	CLR	20			095	69	26	05	07		994		WRG
SA	0250	CLR	20			099	67	26	35	04		995		WRG
SA	0353	CLR	20			104	66	26	04	03		996	308 64 RAOAT 20154	JP
SA	0457	CLR	20			113	64	27	36	04		999		JP
SA	0552	CLR	20			117	71	28	00	00		001		JP
SA	0654	CLR	20			125	77	28	00	00		003	220	JP
SA	0755	CLR	20			126	85	28	25	04		004		JP
SA	0853	CLR	20			126	91	25	28	05		004		JP
SA	0952	CLR	20			123	93	25	23	09		003	000 63	JP
SA	1056	CLR	20			119	95	29	20	10		002		JP
SA	1155	CLR	20			115	96	30	20	16		001		JP
SA	1256	CLR	20			113	98	29	23	17		000	710	JP
SA	1355	CLR	20			113	98	30	24	18		000		JP
SA	1450	CLR	20			102	98	30	24	16		996		JP
SA	1552	CLR	20			099	98	29	21	10 G 20		995	81 00 RAOAT 21161	WRG
SA	1652	CLR	20			096	98	28	23	14 G 22		994		WRG
SA	1752	CLR	20			091	96	26	23	10 G 18		993		WRG
SA	1852	CLR	20			093	93	24	23	10		994	503	WRG
SA	1952	CLR	20			098	84	23	08	04		995		WRG
SA	2050	CLR	20			101	86	23	12	03		997		WRG
SA	2152	CLR	20			107	79	24	00	00		999	214 00	WRG
SA	2250	CLR	20			111	76	25	05	04		000		WRG
SA	2350	CLR	20			114	74	25	03	04		001		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: JUL 31 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	HRS.
00 50	26.535			19	0															0	2	.015			00-01
01 50	26.540			20	0															0					01-02
02 50	26.550			22	0															0					02-03
03 53	26.560			22	0															0	3	.025			03-04
04 57	26.580			24	0															0					04-05
05 52	26.600			20	0															0					05-06
06 54	26.620			16	0															0	2	.060			06-07
07 55	26.630			13	0															0					07-08
08 53	26.630			9	0															0					08-09
09 52	26.620			9	0															0	0	.000			09-10
10 56	26.610			10	0															0					10-11
11 55	26.600			10	0															0					11-12
12 56	26.590			9	0															0	7	.030			12-13
13 55	26.590			9	0															0					13-14
14 50	26.560			9	0															0					14-15
15 52	26.550			9	0															0	8	.040			15-16
16 52	26.540			9	0															0					16-17
17 52	26.530			8	0															0					17-18
18 52	26.540			9	0															0	5	.010			18-19
19 52	26.550			10	0															0					19-20
20 50	26.570			10	0															0					20-21
21 52	26.580			13	0															0	2	.040			21-22
22 50	26.590			16	0															0					22-23
23 50	26.595			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 0351		0	0		75	64										
	0351	1	0	0	0	78	64		0								
	0950	2	0	0	0	93	63		0								
	1548	3	0	0	0	100.	93.		0								
	2148	4	0	0	0	99.	79.		0								
	MID.		0	0	0	80.	73.										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.620	26.550	26.580
BAROGRAPH 64	26.560	26.610	26.540	26.565
BAR. CORR. 65	+.020	+.010	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24 HR MAX. TEMP. (°F) 66	24 HR MIN. TEMP. (°F) 67	24 HR PRECIP. WATER EQUIV. (Ins.) 68	24 HR SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIR. SECTION 72	PEAK WIND TIME (L.S.T.) 73	THICK. OF ICE ON WATER (Ins.) 74	FROZEN PRECIP. LAYER (Ins.) TOP 75	FROZEN PRECIP. LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUN RISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	63	0	0	0	27	SW	1331					0	0		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 81	BEGAN 82	ENDED 83	TYPE 84	BEGAN 85	ENDED 86

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0449 SUNSET 1852

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: 10623P/2330/

1552/ ~~0355~~ APP 8/4/2355

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

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