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: OCTOBER

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	PEAK SPEED KNOTS	DIRECTION	SUNSHINE AVG. STATION PRESS (INS)	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	04	R 10	H 16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	92	55	74		0	9				5.5	25	S	26.68		0		19	11	10	14
2	93	57	75		0	10				5.7	18	S	26.75		0		17	11	11	15
3	94	57	76		0	11				4.7	16	SW	26.81		1		22	11	12	16
4	95	56	76		0	11				4.7	15	W	26.77		1		21	12	11	15
5	96	57	77		0	12				6.1	20	NE	26.69		0		18	11	11	13
6	94	61	78		0	13				6.8	18	SW	26.64		2		15	12	11	13
7	91	54	73		0	8				7.0	25	SW	26.57		5		17	7	8	18
8	87	56	72		0	7				5.7	16	SW	26.55		0		30	19	12	21
9	85	54	70		0	5				5.7	24	SW	26.58		5		32	14	14	25
10	85	54	70		0	5				3.3	14	W	26.68		5		30	18	16	28
11	84	52	68		0	3				6.7	22	SW	26.71		4		35	17	10	49
12	74	58	66		0	1	T			8.0	27	SW	26.59		8	RW	59	45	49	75
13	72	51	62		3	0	0.25			6.3	21	N	26.55		7	TRW	87	62	75	81
14	78	50	64		1	0				5.0	16	E	26.57		0		93	35	21	59
15	79	46	63		2	0				5.1	16	SW	26.61		0		68	26	16	37
16	81	45	63		2	0				5.3	16	SE	26.71		2		48	18	17	32
17	82	46	64		1	0				3.4	15	SW	26.72		0		52	16	12	32
18	82	48	65		0	0				5.7	17	SW	26.66		0		43	15	10	26
19	83	49	66		0	1				6.0	19	NE	26.63		0		34	13	8	18
20	80	55	68		0	3				9.4	18	NE	26.68		4		24	13	10	21
21	82	51	67		0	2				5.5	18	SW	26.65		10		28	15	17	34
22	76	56	66		0	1	0.39			7.3	33	S	26.57		8	TRW R	72	37	45	97
23	70	53	62		3	0	0.03			6.2	18	SW	26.58		7	RW	97	70	51	78
24	61	52	57		8	0	0.62			5.4	10	S	26.74		10	TRW F	90	84	70	90
25	70	48	59		6	0				4.9	10	NE	26.86		6		96	62	44	80
26	76	52	64		1	0				7.8	12	SE	26.81		3		74	42	24	43
27	77	59	68		0	3	T			7.1	16	E	26.74		10	RW	46	33	24	47
28	78	54	66		0	1	0.01			5.2	19	SW	26.67		8	RW	72	40	40	77
29	66	51	59		6	0	0.08			10.4	32	SW	26.59		8	RW	74	64	43	77
30	69	44	57		8	0				4.3	14	SW	26.63		4		94	52	42	78
31	61	51	56		9	0	0.27			6.4	22	NE	26.54		10	RW R	81	63	92	97
SUM	2493	1632	—	—	50	106	1.65	0	—	186.6	—	—	826.53	—	128	—	1588	948	830	1406
AVG	80.4	52.6	—	—	—	—	—	—	—	6.0	FASTEST	DIRECTION	POSSIBLE	%	4.1	—	51	31	27	45
										MISC. →	33	S	26.66			—				

TEMPERATURE DATA

AVERAGE MONTHLY 66.5

DEPARTURE FROM NORMAL 2.7

HIGHEST 96 ON 5

LOWEST 44 ON 30

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 7

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 50

DEPARTURE FROM NORMAL -80

SEASONAL TOTAL 50

DEPARTURE FROM NORMAL -92

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 106

DEPARTURE FROM NORMAL +41

SEASONAL TOTAL 2084

DEPARTURE FROM NORMAL -27

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.65 IN.

DEPARTURE FROM NORMAL 1.44 IN.

GREATEST IN 24 HRS. 0.62 ON 24

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 14

PARTLY CLOUDY (Scale 4–7) 9

CLOUDY (Scale 8–10) 8

WITH 0.01 INCH OR MORE PRECIP. 6

WITH 0.10 INCH OR MORE PRECIP. 4

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

HIGHEST SEA-LEVEL 26.920 IN. ON 25

LOWEST SEA-LEVEL 26.490 IN. ON 31

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: OCT. 1, 1987

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

TYPE (1)	TIME (G.M.T.) (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. (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (09-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (hrs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			161	64	18	02	04		012	400	[illegible]
SA	0155	CLR	20			157	65	19	09	04		011		[illegible]
SA	0254	CLR	20			155	62	18	04	06		009		[illegible]
SA	0351	CLR	20			158	61	18	14	03		011	503 58 RADAT 29129	CRD
SA	0454	CLR	20			166	58	18	01	08		012		CRD
SA	0552	CLR	20			169	57	18	11	03		012		CRD
SA	0650	CLR	20			168	68	20	35	03		013	307	CRD
SA	0752	CLR	20			171	77	21	05	10		014		CRD
SA	0850	CLR	20			171	80	22	05	10		014		CRD
SA	0950	CLR	20			164	85	25	24	04		013	000 55	CRD
SA	1050	CLR	20			157	89	29	29	05		011		CRD
SA	1150	CLR	20			151	90	28	19	06		008		CRD
SA	1250	CLR	20			142	91	31	02	09		006	720	CRD
SA	1350	CLR	20			137	92	30	18	07		005	FEW CU	CRD
SA	1452	CLR	20			134	91	28	18	07		004	FEW CU	CRD
SA	1553	CLR	20			136	91	28	14	08		004	FEW CU / 607 1100 92 RADAT 27135	JP
SA	1658	CLR	20			139	88	25	12	08		004		JP
SA	1756	CLR	20			143	80	20	13	03		004		JP
SA	1853	CLR	20			142	78	19	11	09		005	303	JP
SA	1954	CLR	20			149	71	16	03	05		007		JP
SA	2052	CLR	20			153	67	15	09	05		008		JP
SA	2152	CLR	20			155	66	15	04	04		009	114 92	JP
SA	2256	CLR	20			158	62	14	03	03		011		JP
SA	2353	CLR	20			161	63	14	02	06		012		JP

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

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

SUPERSEDES MF 1-10A (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: OCT. 1, 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.700			17	0															0	4	.000			00-01
01 55	26.690			17	0															0					01-02
02 54	26.680			18	0															0					02-03
03 51	26.690			19	0															0	5	.010			03-04
04 54	26.700			21	0															0					04-05
05 52	26.700			22	0															0					05-06
06 50	26.710			16	0															0	3	.020			06-07
07 52	26.720			12	0															0					07-08
08 50	26.720			12	0															0					08-09
09 50	26.710			11	0															0	0	.000			09-10
10 50	26.690			12	0															0					10-11
11 50	26.670			11	0															0					11-12
12 50	26.650			12	0															0	7	.060			12-13
13 50	26.640			11	0															0					13-14
14 52	26.630			16	0															0					14-15
15 53	26.630			10	0	0	CU	80												0	6	.020			15-16
16 58	26.630			10	0															0					16-17
17 56	26.630			11	0															0					17-18
18 53	26.640			11	0															0	3	.010			18-19
19 54	26.660			12	0															0					19-20
20 52	26.670			13	0															0					20-21
21 52	26.680			14	0															0	1	.040			21-22
22 56	26.690			15	0															0					22-23
23 53	26.700			15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	67	58	X	X						X		
	0347	1	0	0	0	71	58		0								
	0947	2	0	0	0	85	55		0								
	1551	3	0	0	0	92	85		0								
	2150	4	0	0	0	91	66		0								
	MID.	X	0	0	0	66	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.710	26.630	26.680
BAROGRAPH 64	26.680	26.710	26.630	26.670
BAR. CORR. 65	+010	0*	0	+010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	55	0	0	0	25	S	1354					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0539 PST SUNSET 1729 PST

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090P / 1700P

* BAROGRAPH CHART CHANGED. RESET TO "0"

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: [illegible]

DATE: 02 OCT 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. (6)	TEMP (7)	DEW PT. (8)	WIND DIR. (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVICE (15)
SA	0056	CLR	20			165	63	14	06	06		013	210	JP
SA	0153	CLR	20			164	63	14	00	00		013		JP
SA	0251	CLR	20			165	62	14	23	03		013	. .	JP
SA	0353	CLR	20			172	59	14	06	07		014	203 59 RADAT 28134	CRD
SA	0450	CLR	20			176	59	14	08	05		015		CRD
SA	0550	CLR	20			187	60	15	05	03		017		CRD
SA	0652	CLR	20			188	68	16	04	07		018	212	CRD
SA	0750	CLR	20			193	76	17	06	08		019		CRD
SA	0850	CLR	20			193	82	23	04	05		020	. .	CRD
SA	0952	CLR	20			190	86	26	06	06		020	107 57	CRD
SA	1050	CLR	20			188	91	31	08	03		019		CRD
SA	1153	CLR	20			181	92	30	12	13		017	.	CRD
SA	1250	CLR	20			176	93	30	15	11		016	712 1100	CRD
SA	1350	CLR	20			172	92	30	19	09		015	Few Cu	CRD
SA	1450	CLR	20			171	92	30	15	10		015	Few Cu	CRD
SA	1553	CLR	20			170	92	30	14	07		014	FEW CU / 607 1100	JP
													93 RADAT 36134	
SA	1656	CLR	20			176	89	27	13	10		015	FEW CU	JP
SA	1751	CLR	20			182	84	25	12	09		016		JP
SA	1852	CLR	20			183	81	23	11	07		017	210	JP
SA	1956	CLR	20			187	73	20	00	00		018		JP
SA	2059	CLR	20			191	72	20	00	00		020		JP
SA	2153	CLR	20			190	69	19	04	06		020	110 93	JP
SA	2256	CLR	20			190	68	19	36	08		020		JP
SA	2355	CLR	20			195	64	18	27	03		022		JP

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

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

SUPERSEDES MF 1-10A (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 [illegible]

DATE: 22 OCT 1987

To convert LST to GMT: ADD 0 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	26.710			15	0															0	2	.030			00-01
01 53	26.710			15	0															0					01-02
02 51	26.710			15	0															0					02-03
03 53	26.720			17	0															0	3	.010			03-04
04 50	26.730			17	0															0					04-05
05 50	26.745			17	0															0					05-06
06 52	26.755			13	0															0	2	.035			06-07
07 50	26.770			11	0															0					07-08
08 50	26.775			11	0															0					08-09
09 52	26.775			11	0															0	1	.020			09-10
10 50	26.770			12	0															0					10-11
11 53	26.750			11	0															0					11-12
12 50	26.740			11	0	0	Cu	100												0	7	.035			12-13
13 50	26.730			11	0															0					13-14
14 50	26.725			11	0															0					14-15
15 53	26.720			11	0	0	Cu	80												0	6	.020			15-16
16 54	26.730			11	0															0					16-17
17 51	26.740			12	0															0					17-18
18 52	26.750			12	0															0	2	.030			18-19
19 56	26.760			13	0															0					19-20
20 59	26.780			14	0															0					20-21
21 53	26.780			15	0															0	1	.030			21-22
22 56	26.780			15	0															0					22-23
23 55	26.790			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 0348		0	0		65	59										
	0348	1	0	0	0	66	59		0								
	0948	2	0	0	0	87	57		0								
	1551	3	0	0	0	93	86		0								
	2152	4	0	0	0	92	69		0								
	MID.		0	0	0	69	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1553	2153
ATT. THERM. 60				
OBSERVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.775	26.720	26.780
BAROGRAPH 64	26.705	26.775	26.720	26.770
BAR. CORR. 65	+.015	0.	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	57	0	0	0	18	S	1400					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 0540 SUNSET 1727

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 0900 1 1823P 1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION

DATE 03 OCT 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 (Tens of Degrees) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			194	65	19	12	04		022	103	JP
SA	0153	CLR	20			199	62	18	00	00		023		JP
SA	0252	CLR	20			202	64	19	00	00		024	FEW Ci	JP
SA	0350	CLR	20			205	57	18	33	03		024	109 1001 57 RADAT 43133	CRD
SA	0450	100 SCT 250-SCT	20			212	63	20	22	05		025		CRD
SA	0554	100 SCT 250-SCT	20			218	61	20	13	05		027		CRD
SA	0651	100 SCT 250-SCT	20			224	62	20	31	06		028	214 1501	CRD
SA	0750	250-SCT	20			228	71	21	12	03		029	FEW SC	CRD
SA	0850	250-SCT	20			224	73	24	33	06		030	FEW SC	CRD
SA	0951	250-SCT	20			223	77	26	09	10		030	105 1501 57	CRD
SA	1052	250-SCT	20			217	90	28	13	12		028	FEW SC	CRD
SA	1151	250-SCT	20			214	92	31	16	04		027	FEW Cu	CRD
SA	1250	160 SCT 250-SCT	20			207	91	30	28	06		025	715 1171	CRD
SA	1352	100 SCT 250-SCT	20			196	93	32	21	12		022		CRD
SA	1450	100 SCT 250-SCT	20			190	93	32	07	03		020		CRD
SA	1553	80 SCT 250-SCT	20			194	93	32	21	03		020	614 1101 94	JP
													RADAT 40136	
SA	1652	80 SCT 250-SCT	20			197	90	30	00	00		019		JP
SA	1755	CLR	20			192	84	26	19	03		019	FEW Sc Ci	JP
SA	1853	CLR	20			204	75	23	10	04		022	FEW Ci / 303 1001	JP
SA	1955	CLR	20			206	71	22	07	05		023		JP
SA	2052	CLR	20			202	72	23	08	07		024		JP
SA	2154	CLR	20			202	70	22	04	05		024	107 94	JP
SA	2258	CLR	20			200	69	22	09	04		024		JP
SA	2354	CLR	20			201	65	21	13	03		024		JP

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

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

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

☆U.S.GPO:1984-0-764-008/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NEVADA

DATE: 03 OCT 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	26.790			17	0															0	1	010			00-01
01 53	26.800			18	0															0					01-02
02 52	26.810			18	0															0					02-03
03 50	26.810			22	0	0	Ci	250												0	1	.020			03-04
04 50	26.820			19	2															1					04-05
05 54	26.840			20	2															1					05-06
06 51	26.850			20	3	1	Sc	100	2	Ci	250	3								1	2	.040			06-07
07 50	26.860			15	1															0					07-08
08 50	26.865			11	2															1					08-09
09 51	26.865			11	2	0	Sc	100	2	Ci	250	2								1	1	.015			09-10
10 52	26.850			11	3															1					10-11
11 51	26.840			11	2															1					11-12
12 50	26.820			11	4	0	Cu	100	1	Ac	160	1	3	Ci	250	4				2	7	.045			12-13
13 52	26.790			12	2															1					13-14
14 50	26.780			12	3															1					14-15
15 53	26.780			12	3	1	Cu	80	2	Ci	250	3								1	6	040			15-16
16 52	26.770			12	2															1					16-17
17 53	26.770			12	0															0					17-18
18 53	26.790			14	0	0	Ci	250												0	3	010			18-19
19 55	26.800			16	0															0					19-20
20 52	26.810			16	0															0					20-21
21 54	26.810			16	0															0	1	020			21-22
22 58	26.810			17	0															0					22-23
23 54	26.810			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 0347	X	0	0	X	71	57	X	X						X		
	0347	1	0	0	0	71	57		0								
	0949	2	0	0	0	88	57		0								
	1552	3	0	0	0	94	87		0								
	2151	4	0	0	0	93	70		0								
	MID.	X	0	0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.810	[illegible]	26.780	26.810
BAROGRAPH 64	26.800	[illegible]	26.780	26.805
BAR. CORR. 65	+.010	+.065	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
94	57	0	0	0	16	SW	1352					7	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 0591 SUNSET 1726

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: 10900 11738 1

1/ LAST OF SEVERAL OCCURRENCES –

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION

DATE 04 OCT 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. (Mb.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (10-Mi.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			203	63	21	03	04		024	400	JP
SA	0157	CLR	20			197	64	21	08	03		023		JP
SA	0251	CLR	20			198	64	21	26	03		023		JP
SA	0357	CLR	20			199	60	20	19	02		023	603 59 RAOAT 33134	CG
SA	0457	CLR	20			203	58	20	01	04		023		CG
SA	0556	CLR	20			211	62	21	10	02		025		CG
SA	0650	CLR	20			218	65	22	11	02		026	310	CG
SA	0751	CLR	20			216	73	22	28	02		026		CG
SA	0859	CLR	20			210	83	25	29	02		026		CG
SA	0954	CLR	20			205	88	28	25	04		025	803 56	CG
SA	1051	CLR	20			200	92	31	24	08		024		CG
SA	1151	CLR	20			191	92	30	21	10		020		CG
SA	1255	CLR	20			178	95	33	32	08		017	824 1008	CG
SA	1353	250-SCT	20			171	93	32	05	07		015		CG
SA	1458	250-SCT	20			163	94	33	36	03		013		CG
SA	1552	250-SCT	20			157	93	31	22	03		011	720 1008 95	JS
													RADAT 30139	
SA	1652	250-SCT	20			160	91	29	24	07		011		JS
SA	1750	250-SCT	20			165	83	24	31	06		012		JS
SA	1852	CLR	20			174	77	19	02	07		014	308	JS
SA	1954	CLR	20			177	73	18	05	07		015		JS
SA	2058	CLR	20			173	71	18	08	04		015		JS
SA	2154	CLR	20			174	67	17	05	05		016	207 95	JS
SA	2254	CLR	20			171	64	17	04	04		015		JS
SA	2352	CLR	20			171	64	17	11	05		015		JS

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

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

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

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

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 04 OCT 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.810			20	0															0	4	.000			00-01
01 57	26.800			19	0															0					01-02
02 51	26.800			19	0															0					02-03
03 57	26.800			21	0															0	6	.010			03-04
04 57	26.800			23	0															0					04-05
05 56	26.820			20	0															0					05-06
06 50	26.830			19	0															0	3	.030			06-07
07 51	26.830			15	0															0					07-08
08 55	26.830			12	0															0					08-09
09 54	26.820			12	0															0	8	.010			09-10
10 51	26.810			12	0															0					10-11
11 57	26.780			11	0															0					11-12
12 55	26.750			11	0	0	CS	250												0	8	.070			12-13
13 53	26.730			12	1															0					13-14
14 58	26.710			12	1															0					14-15
15 50	26.690			11	2	2	CS	250												1	7	.060			15-16
16 52	26.690			11	2															0					16-17
17 50	26.700			11	1															0					17-18
18 51	26.715			11	0															0	3	.025			18-19
19 54	26.735			12	0															0					19-20
20 53	26.730			13	0															0					20-21
21 54	26.735			15	0															0	2	.020			21-22
22 54	26.730			16	0															0					22-23
23 52	26.730			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 0352	X	0	0	X	69	59	X	X						X		
	0352	1	0	0	0	70	59		0								
	0951	2	0	0	0	88	56		0								
	1549	3	0	0	0	95	88		0								
	21	4	0	0	0	93	66		0								
	MID.	X	0	0	0	67	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0954	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.820	26.690	26.735
BAROGRAPH 64	26.790	26.820	26.700	26.735
BAR. CORR. 65	+.010	0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	56	0	0	0	15	W	1225*					1	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 0542 SUNSET 1724

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: 1062SP / 1553P

* LAST OF SEVERAL OCCURRENCES

WSMO DESERT ROCK NV.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE OCT 5 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inc.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0051	CLR	20			171	61	16	16	03		015	602	JS
SA	0151	CLR	20			170	60	16	12	04		015		JS
SA	0251	CLR	20			168	62	17	07	04		014		JS
SA	0357	CLR	20			173	61	17	11	06		015	500 59 RAAAT 27138	CG
SA	0453	CLR	20			176	58	16	10	07		015		CG
SA	0555	CLR	20			178	59	17	10	06		015		CG
SA	0653	CLR	20			183	65	17	10	05		016	303	CG
SA	0754	CLR	20			178	77	19	03	17		016		CG
SA	0857	CLR	20			181	83	23	03	16		017	CS N	CG
SA	0955	CLR	20			177	86	25	03	13		016	000 1008 57	CG
SA	1056	CLR	20			169	89	28	05	06		014		CG
SA	1151	CLR	20			160	91	30	04	07		012		CG
SA	1253	CLR	20			153	94	33	26	03		009	720 1008	CG
SA	1353	CLR	20			142	95	33	22	03		006		CG
SA	1454	CLR	20			137	95	34	30	06		005		CG
SA	1551	CLR	20			132	94	31	22	09		004	617 96 RAAAT 20148	JS
SA	1652	CLR	20			136	91	28	24	09		004		JS
SA	1750	CLR	20			142	83	23	00	00		004		JS
SA	1850	CLR	20			148	74	16	08	04		006	305	JS
SA	1952	CLR	20			145	73	16	09	06		006		JS
SA	2051	CLR	20			144	74	17	02	04		007		JS
SA	2153	CLR	20			145	68	15	09	04		007	105 96	JS
SA	2250	CLR	20			145	65	15	08	05		007		JS
SA	2351	CLR	20			145	62	14	00	00		007		JS

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 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 51	26.730			18	0															0	6	.005			00-01
01 51	26.725			17	0															0					01-02
02 51	26.720			17	0															0					02-03
03 53	26.730			18	0															0	5	.000			03-04
04 53	26.730			19	0															0					04-05
05 55	26.730			19	0															0					05-06
06 53	26.740			16	0															0	3	.010			06-07
07 54	26.740			11	0															0					07-08
08 57	26.750			11	0															0					08-09
09 55	26.740			11	0	0	CS	250												0	0	.000			09-10
10 58	26.720			11	0															0					10-11
11 51	26.700			11	0															0					11-12
12 53	26.680			12	0	0	CS	250												0	7	.060			12-13
13 53	26.650			11	0															0					13-14
14 54	26.640			12	0															0					14-15
15 51	26.630			11	0															0	6	.050			15-16
16 52	26.625			10	0															0					16-17
17 50	26.630			11	0															0					17-18
18 50	26.645			11	0															0	3	.015			18-19
19 52	26.650			11	0															0					19-20
20 51	26.660			11	0															0					20-21
21 53	26.660			13	0															0	1	.015			21-22
22 50	26.660			14	0															0					22-23
23 51	26.660			15	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 0354	X	0	0	X	65	59	X	X						X		
	0354	1	0	0	0	67	59		0								
	0952	2	0	0	0	86	57		0								
	1548	3	0	0	0	96	86		0								
	2150	4	0	0	0	94	67		0								
	MID.	X	0	0	0	69	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0958	1551	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.730	26.740	26.630	26.660
BAROGRAPH 64	26.730	26.740	26.620	26.660
BAR. CORR. 65	0	*0	+.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
96	57	0	0	0	20	NE	0802**					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 0542 SUNSET 1723

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: 1082 3P / 1943P

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

** LAST OF SEVERAL OCCURRENCES

WSMO DESERT ROCK NV.

MF 1-10A (5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION [redacted]

DATE OCT 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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (Deg. 36-01) (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			144	63	15	10	05		007	400	JS
SA	0150	CLR	20			144	62	15	11	06		007		JS
SA	0250	CLR	20			143	63	15	09	08		007		JS
SA	0355	CLR	20			143	65	16	12	04		007	500 61 RADAT 20146	CG
SA	0453	CLR	20			146	62	16	08	06		007		CG
SA	0551	CLR	20			153	65	22	06	09		008		CG
SA	0655	CLR	20			162	72	24	06	11		011	310	CG
SA	0754	CLR	20			164	77	25	04	11		012		CG
SA	0856	CLR	20			160	81	25	01	07		012		CG
SA	0959	CLR	20			162	86	27	04	06		012	103 1008 61	CG
SA	1057	CLR	20			154	89	30	31	08		009		CG
SA	1153	CLR	20			146	91	30	19	05		007		CG
SA	1257	250 SCT	20			134	93	32	24	07		004	724 1008	CG
SA	1356	250 SCT	20			130	94	32	24	13		003		CG
SA	1452	250 SCT	20			126	92	31	22	12		002		CG
SA	1550	250-BKN	20			124	92	31	21	10		002	608 1008 94 RADAT 20 147	JS
SA	1650	250-BKN	20			122	90	28	25	10		001		JS
SA	1751	250 SCT	20			123	84	23	25	03		000		JS
SA	1850	250-BKN	20			129	72	15	08	04		001	502 1008	JS
SA	1953	E250 BKN	20			129	73	17	07	04		002		JS
SA	2050	E250 BKN	20			128	70	16	06	04		002		JS
SA	2154	250 SCT	20			126	69	16	11	03		002	103 1008 94	JS
SA	2250	250 SCT	20			126	69	16	10	05		002		JS
SA	2350	250 SCT	20			126	64	15	35	03		002		JS

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 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, NV

DATE: OCT 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.660			15	0															0	4	.000			00-01
01 50	26.660			16	0															0					01-02
02 50	26.655			15	0															0					02-03
03 55	26.660			15	0															0	5	.000			03-04
04 53	26.660			17	0															0					04-05
05 51	26.670			19	0															0					05-06
06 55	26.690			17	0															0	3	.030			06-07
07 54	26.700			15	0															0					07-08
08 56	26.700			13	0															0					08-09
09 59	26.700			12	0	0	CS	250												0	1	.010			09-10
10 57	26.680			12	0															0					10-11
11 53	26.660			11	0															0					11-12
12 57	26.630			12	1	1	CS	250												1	7	.070			12-13
13 56	26.620			11	1															1					13-14
14 52	26.610			12	2															2					14-15
15 50	26.605			11	8	8	CS	250												3	6	.025			15-16
16 50	26.595			11	8															2					16-17
17 51	26.590			11	1															1					17-18
18 50	26.600			11	7	7	CS	250												2	5	.005			18-19
19 53	26.610			12	8															5					19-20
20 50	26.610			12	6															4					20-21
21 54	26.610			13	1	1	CS	250												1	1	.010			21-22
22 50	26.610			13	1															1					22-23
23 50	26.610			15	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	68	61	X	X						X		
	0351	1	0	0	0	69	61		0								
	0956	2	0	0	0	86	62		0								
	1548	3	0	0	0	94	85		0								
	2150	4	0	0	0	92	68		0								
	MID.	X	0	0	0	71	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0959	1550	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.700	26.605	26.610
BAROGRAPH 64	26.650	26.690	26.600	26.605
BAR. CORR. 65	+.010	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	61	0	0	0	18	SW	1509					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0543 SUNSET 1721

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: 1063IP / 1621P

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: WSMR, DESERT ROCK, NM

DATE: OCT 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. (6)	TEMP. (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			126	63	15	04	07		002	400	JS
SA	0153	CLR	20			126	60	14	12	03		002		JS
SA	0251	CLR	20			124	59	14	00	00		001		JS
SA	0355	CLR	20			125	59	14	00	00		001	603 57 RADAT 20141	MR
SA	0451	CLR	20			126	59	14	12	02		001		MR
SA	0552	CLR	20			135	54	13	02	02		002	CI SE-SW	MR
SA	0652	CLR	20			140	64	15	08	05		003	307 1002	MR
SA	0757	250 -SCT	20			143	68	20	27	03		004		MR
SA	0858	250 -SCT	20			137	80	15	23	03		004		MR
SA	0958	250 -BKN	20			132	86	16	23	07		004	002 1001 54	MR
SA	1051	250 -BKN	20			128	87	17	24	10		003		MR
SA	1153	250 -OVC	20			120	89	18	24	15		000		MR
SA	1251	250 -OVC	20			108	90	21	22	14		996	822 1001	MR
SA	1354	250 -OVC	20			106	90	21	23	14		995		MR
SA	1453	CLR	20			101	90	20	21	14		994		MR
SA	1550	CLR	20			096	89	21	20	14		992	214 91 RADAT 20138	CH
SA	1650	CLR	20			097	86	23	20	10		992		CH
SA	1750	CLR	20			103	81	25	23	07		992		CH
SA	1850	CLR	20			105	75	26	09	05		993	303	CH
SA	1950	CLR	20			106	75	26	14	06		994		CH
SA	2050	CLR	20			101	71	24	33	06		994		CH
SA	2150	CLR	20			100	68	23	02	10		994	103 91	CH
SA	2250	CLR	20			101	69	24	02	06		995		CH
SA	2350	CLR	20			104	65	24	35	05		995		CH

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

FM12-VII: Iliii $i_R i_x$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: WSMR, DESERT ROCK, NM

DATE: OCT 7 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL O. PAQUET SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.610			15	0															0	4	.000			00-01
01 53	26.610			17	0															0					01-02
02 51	26.600			17	0															0					02-03
03 55	26.600			17	0															0	6	-.010			03-04
04 51	26.600			17	0															0					04-05
05 52	26.610			20	0															0					05-06
06 52	26.620			15	0	0	Cl	250												0	3	.020			06-07
07 57	26.630			16	5															1					07-08
08 58	26.630			9	5															1					08-09
09 58	26.625			7	7	7	Cl	250												1	0	.005			09-10
10 51	26.615			7	7															1					10-11
11 53	26.590			7	10															1					11-12
12 51	26.560			8	10	10	Cl	250												2	8	.065			12-13
13 54	26.550			8	10															2					13-14
14 53	26.535			8	0															0					14-15
15 50	26.520			8	0															0	7	.040			15-16
16 50	26.520			10	0															0					16-17
17 50	26.520			13	0															0					17-18
18 50	26.530			16	0															0	3	.010			18-19
19 50	26.540			16	0															0					19-20
20 50	26.540			17	0															0					20-21
21 50	26.540			18	0															0	1	.010			21-22
22 50	26.545			18	0															0					22-23
23 50	26.550			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	66	57	X	X						X		
	0350	1	0	0	0	71	57		0								
	0950	2	0	0	0	86	54		0								
	1548	3	0	0	0	91	86		0								
	2148	4	0	0	0	89	67		0								
	MID.	X	0	0	0	70	65	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0957	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.625	26.520	26.540
BAROGRAPH 64	26.600	26.625	26.520	26.540
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
91	54	0	0	0	25	SW	1424					5	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 0544 SUNSET 1720

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: 1035GP / 1700P/

1550/1552

☆ 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: [illegible], DESERT ROCK NEVADA

DATE: OCT 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 (Deg. or 36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			103	65	26	02	10		995	103	CH
SA	0150	CLR	20			099	65	28	35	07		994		CH
SA	0250	CLR	20			103	66	29	35	07		995		CH
SA	0356	CLR	20			109	60	29	03	06		996	302 60 RADAT 20133	MR
SA	0456	CLR	20			112	59	29	07	04		996		MR
SA	0555	CLR	20			122	56	27	12	06		998		MR
SA	0654	CLR	20			126	62	27	12	04		000	310	MR
SA	0753	CLR	20			127	69	28	13	02		001		MR
SA	0853	CLR	20			128	76	30	23	03		002		MR
SA	0954	CLR	20			123	79	34	22	05		000	002 56	MR
SA	1055	CLR	20			119	82	34	25	07		000		MR
SA	1154	CLR	20			112	83	33	24	09		996		MR
SA	1254	CLR	20			102	85	32	24	10		994	817	MR
SA	1352	CLR	20			098	85	31	24	08		993		MR
SA	1451	CLR	20			089	87	29	22	10		991		MR
SA	1550	CLR	20			089	86	27	23	10		990	714 87 RADAT 20135	CH
SA	1650	CLR	20			092	83	27	25	08		990		CH
SA	1750	CLR	20			096	77	25	32	04		990		CH
SA	1850	CLR	20			105	69	24	07	04		992	307	CH
SA	1950	CLR	20			105	67	24	05	04		993		CH
SA	2050	CLR	20			108	64	22	00	00		994		CH
SA	2150	CLR	20			107	63	23	05	05		994	107 87	CH
SA	2250	CLR	20			110	61	24	05	04		995		CH
SA	2350	CLR	20			110	60	25	00	00		995		CH

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

FM12-VII: Iliii $i_R i_x$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: WMO, DESERT ROCK NEVADA

DATE: OCT 8 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.550			23	0															0	1	.010			00-01
01 50	26.540			25	0															0					01-02
02 50	26.550			25	0															0					02-03
03 56	26.555			30	0															0	3	.005			03-04
04 56	26.560			32	0															0					04-05
05 55	26.575			33	0															0					05-06
06 54	26.585			26	0															0	3	.030			06-07
07 53	26.595			21	0															0					07-08
08 53	26.605			19	0															0					08-09
09 54	26.590			19	0															0	0	.005			09-10
10 55	26.585			18	0															0					10-11
11 54	26.560			17	0															0					11-12
12 53	26.540			15	0															0	8	.050			12-13
13 52	26.530			14	0															0					13-14
14 51	26.510			12	0															0					14-15
15 50	26.500			12	0															0	7	.040			15-16
16 50	26.500			13	0															0					16-17
17 50	26.500			15	0															0					17-18
18 50	26.520			18	0															0	3	.020			18-19
19 50	26.530			20	0															0					19-20
20 50	26.540			20	0															0					20-21
21 50	26.540			21	0															0	1	.020			21-22
22 50	26.550			24	0															0					22-23
23 50	26.550			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 0352	X	0	0	X	66	60	X	X						X		
	0352	1	0	0	0	70	60		0								
	0950	2	0	0	0	79	56		0								
	1548	3	0	0	0	87	79		0								
	2148	4	0	0	0	86	63		0								
	MID.	X	0	0	0	63	60	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0953	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.555	26.590	26.500	26.540
BAROGRAPH 64	26.550	26.595	26.510	26.540
BAR. CORR. 65	+.005	-.005	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	56	0	0	0	16	SW	1226					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 0545 SUNSET 1718

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: 1085GP / 1610P /

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: OCT 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			114	59	27	00	00		996	207	CH
SA	0150	CLR	20			111	57	27	00	00		995		CH
SA	0250	CLR	20			113	58	27	00	00		996		CH
SA	0356	CLR	20			115	57	27	35	06		996	400 56 RADAT 20132	MR
SA	0451	CLR	20			118	55	27	11	03		997		MR
SA	0551	CLR	20			127	55	26	24	03		999		MR
SA	0659	CLR	20			136	60	25	22	04		001	314	MR
SA	0754	CLR	20			136	67	27	10	03		002		MR
SA	0851	CLR	20			135	76	28	32	02		002		MR
SA	0957	CLR	20			132	81	28	28	04		002	103 1005 54	MR
SA	1051	250 -SCT	20			126	83	30	27	06		001		MR
SA	1154	250 -OVC	20			119	83	30	21	09		998		MR
SA	1254	250 -OVC	20			111	85	30	23	11		996	819 1004	MR
SA	1354	250 -OVC	20			111	85	29	27	12	G20	995		MR
SA	1453	E250 OVC	20			111	84	28	24	15	G24	995		MR
SA	1550	E250 OVC	20			112	82	28	26	12		995	602 1007 85	CH
													RADAT 20137	
SA	1650	E250 OVC	20			115	79	28	27	10		995		CH
SA	1750	250- OVC	20			124	76	30	30	06		997		CH
SA	1850	250- OVC	20			125	74	30	31	05		999	310 1007	CH
SA	1950	250- OVC	20			126	74	29	29	05		000		CH
SA	2050	250- OVC	20			129	67	28	04	07		001		CH
SA	2150	250- OVC	20			130	66	29	04	07		002	210 1007 85	CH
SA	2250	250- OVC	20			134	66	30	06	06		003		CH
SA	2350	250- OVC	20			138	65	30	00	00		004		CH

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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: OCT 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	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	26.560			29	0															0	2	.020			00-01
01 50	26.550			32	0															0					01-02
02 50	26.560			30	0															0					02-03
03 56	26.560			32	0															0	4	.000			03-04
04 51	26.565			34	0															0					04-05
05 51	26.580			33	0															0					05-06
06 57	26.600			26	0															0	3	.040			06-07
07 54	26.610			22	0															0					07-08
08 51	26.610			17	0															0					08-09
09 57	26.610			14	0	0	CI	250												0	1	.010			09-10
10 51	26.595			15	4															1					10-11
11 54	26.575			15	10															2					11-12
12 54	26.555			14	10	10	CI	250												3	8	.055			12-13
13 54	26.550			13	10															5					13-14
14 53	26.550			13	10															6					14-15
15 50	26.550			14	10	10	CS	E250												8	6	.005			15-16
16 50	26.550			15	10															8					16-17
17 50	26.570			18	10															4					17-18
18 50	26.580			20	10	10	CS	250												4	3	.030			18-19
19 50	26.590			19	10															4					19-20
20 50	26.600			23	10															4					20-21
21 50	26.610			25	10	10	CS	250												4	2	.030			21-22
22 50	26.620			26	10															3					22-23
23 50	26.630			27	10															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352		0	0		61	56										
	0352	1	0	0	0	63	56		0								
	0952	2	0	0	0	81	54		0								
	1548	3	0	0	0	85	81		0								
	2148	4	0	0	0	83	65		0								
	MID.		0	0	0	66	63										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0355	0955	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.610	26.550	26.610
BAROGRAPH 64	26.555	26.610	26.550	26.620
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 UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	54	0	0	0	24	SW	1448					5	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0546 SUNSET 1717

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: 1060Z / 1630P /

* BAROGRAM CHANGED AND RESET TO ZERO COR.

☆ 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 NEVADA, DESERT ROCK NEVADA

DATE OCT 10 1987

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER 4a	WEATHER AND OBSTRUCTIONS TO VISION 5	SEA LEVEL PRESS. (Mbs.) 6	TEMP. °F 7	DEW PT. °F 8	WIND DIRECTION (10's of Deg.) 9	WIND SPEED Kts. 10	WIND CHARACTER 11	ALTIMETER SETTING (Ins.) 12	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	250 - OVC	20			140	65	29	00	00		005	210 1007	CH
SA	0150	250 - OVC	20			143	61	29	00	00		005		CH
SA	0250	250 - OVC	20			140	62	29	00	00		004		CH
SA	0353	250 - OVC	20			148	60	28	29	03		006	303100159 RADAT20141	JC
SA	0481	250 - OVC	20			155	56	29	05	04		007		JC
SA	0552	250 - OVC	20			166	54	29	34	03		009		JC
SA	0651	250 - OVC	20			173	59	29	34	03		012	217 1001	JC
SA	0750	250 - OVC	20			170	69	31	28	02		013		JC
SA	0851	250 - OVC	20			173	75	32	35	03		014		JC
SA	0953	250 - OVC	20			170	79	32	33	04		013	003 1001 54	JC
SA	1050	250 - BKN	20			167	82	33	11	03		013		MR
SA	1154	250 - SCT	20			159	82	36	10	10		010		MR
SA	1252	CLR	20			153	84	34	26	06		008	~~CI SE S~~ 814 1001	MR
SA	1354	CLR	20			148	84	37	31	07		007	CI SE	MR
SA	1454	CLR	20			147	84	35	26	04		006	CI SE	MR
SA	1550	CLR	20			148	84	33	23	06		006	607 85 RADAT20143	CH
SA	1650	CLR	20			147	81	32	22	06		005		CH
SA	1750	CLR	20			159	76	31	24	05		007		CH
SA	1850	CLR	20			163	71	30	12	05		008	307	CH
SA	1950	CLR	20			162	67	28	00	00		009		CH
SA	2050	CLR	20			170	65	28	04	05		012		CH
SA	2150	CLR	20			170	61	28	00	00		012	110 85	CH
SA	2250	CLR	20			171	60	29	00	00		013		CH
SA	2350	CLR	20			172	59	29	00	00		013		CH

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

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

SUPERSEDES MF 1-10A (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: OCT 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	LOWEST LAYER AMT 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.640			26	10	10	CS	250												3	2	.030			00-01
01 50	26.640			30	10															3					01-02
02 50	26.630			29	10															3					02-03
03 53	26.650			30	10	10	Ci	250												1	3	.010			03-04
04 51	26.660			35	10															0					04-05
05 52	26.680			38	10															0					05-06
06 51	26.700			32	10	10	Ci	250												0	2	.050			06-07
07 50	26.710			24	10															0					07-08
08 51	26.715			21	10															1					08-09
09 53	26.710			18	10	10	Ci	250												0	0	.010			09-10
10 50	26.705			17	6															1					10-11
11 54	26.685			19	3															0					11-12
12 52	26.670			17	0	0	Ci	250												0	8	.040			12-13
13 54	26.655			18	0															0					13-14
14 54	26.650			17	0															0					14-15
15 50	26.650			16	0															0	6	.020			15-16
16 50	26.640			17	0															0					16-17
17 50	26.660			19	0															0					17-18
18 50	26.670			22	0															0	3	.020			18-19
19 50	26.680			23	0															0					19-20
20 50	26.700			25	0															0					20-21
21 50	26.700			28	0															0	1	.030			21-22
22 50	26.710			31	0															0					22-23
23 50	26.710			32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	65	59	X	X						X		
	0348	1	0	0	0	66	59		0								
	0949	2	0	0	0	79	54		0								
	1548	3	0	0	0	85	79		0								
	2148	4	0	0	0	84	61		0								
	MID.	X	0	0	0	64	59	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0250	0951	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.710	26.650	26.700
BAROGRAPH 64	26.650	26.725	26.665	26.715
BAR. CORR. 65	±0	-.015	-.015	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	54	0	0	0	14	W	1457					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0547 SUNSET 1716

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: 10400P/12100P/

1252/1250

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: OCT 11 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			176	57	29	00	00		014	207	CH
SA	0150	CLR	20			176	57	31	00	00		014		CH
SA	0250	CLR	20			170	60	31	12	06		013		CH
SA	0353	CLR	20			173	56	29	06	04		013	203 56 RADAT 20138	JC
SA	0452	250-SCT	20			181	55	30	09	06		015		JC
SA	0551	250-SCT	20			190	52	28	17	03		016	FEW AC E-S	JC
SA	0652	250-SCT	20			194	57	29	09	05		017	114 1071	JC
SA	0753	CLR	20			194	67	31	25	05		018	FEW AC CI SE	JC
SA	0854	CLR	20			191	76	32	12	04		018	FEW AC CI SE	JC
SA	0952	150 SCT 250 SCT	20			187	80	32	15	06		017	000 1052 52	HS
SA	1050	150 SCT E250 BKN	20			188	79	32	12	11		017		HS
SA	1150	150 SCT 250 - BKN	20			181	81	33	12	04		015		HS
SA	1250	150 SCT E250 BKN	20			172	81	31	29	03		013	814 1072	HS
SA	1350	150 SCT E250 BKN	20			165	82	31	12	03		011		HS
SA	1450	150 SCT 250 SCT	20			156	83	31	20	06		008		HS
SA	1554	250 SCT	20			15~~4~~9	83	21	23	14		007	617 1131 84 RADAT 28142	EP
SA	1652	150 SCT E250 BKN	20			15~~6~~3	80	25	21	13		007		EP
SA	1751	150 SCT E220 BKN	20			166	78	28	20	12		009		EP
SA	1854	150 SCT E220 BKN	20			169	75	39	21	10		011	310 1038	EP
SA	1953	150 SCT 220 - BKN	20			162	73	45	23	13		009		EP
SA	2052	80 SCT E150 BKN 220 BKN	20			157	72	48	21	09		009		EP
SA	2152	100 SCT 200 SCT	20			155	70	50	22	06		009	603 1401	EP
SA	2250	CLR	20			153	69	50	26	08		008		EP
SA	2350	CLR	20			153	66	49	32	09		008		EP

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

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

SUPERSEDES MF 1-10A (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: OCT 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	PRESSURE CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
																				0	2	.020			00-01
00 50	26.720			34	0															0					01-02
01 50	26.720			37	0															0					02-03
02 50	26.710			33	0															0	2	.010			03-04
03 53	26.710			35	0															0					04-05
04 52	26.730			38	1															0					05-06
05 51	26.740			39	1	0	Ac	160	1	Ci	250	1								0	1	.040			06-07
06 52	26.750			34	1															0					07-08
07 53	26.760			26	0															0					08-09
08 54	26.760			20	0															2	0	.000			09-10
09 52	26.750			17	2	1	Ac	150	1	Ci	250	2								4					10-11
10 50	26.750			18	6															3					11-12
11 50	26.730			18	6															5	8	.040			12-13
12 50	26.710			17	8	3	Ac	150	5	Ci	E250	8								4					13-14
13 50	26.690			16	7															4					14-15
14 50	26.670			15	4															1	6	.050			15-16
15 54	26.660			10	1	0	Cu	80	0	Ac	150	0	1	Ci	250	1				8					16-17
16 52	26.660			13	9															9					17-18
17 51	26.680			16	9															9	3	.030			18-19
18 54	26.690			27	9	2	Ac	150	7	Cs	E220	9								3					19-20
19 53	26.680			37	6															7					20-21
20 52	26.680			43	8															3	6	.010			21-22
21 52	26.680			49	3	3	Sc	100	0	Ci	200	3								0					22-23
22 50	26.670			51	0															0					23-24
23 50	26.670			54	0																				

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	60	56	X	X						X		
	0349	1	0	0	0	64	56		0								
	0950	2	0	0	0	81	52		0								
	1549	3	0	0	0	84	79		0								
	2148	4	0	0	0	83	70		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0951	1550	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.750	26.660	26.680
BAROGRAPH 64	26.760	26.765	26.675	26.685
BAR. CORR. 65	-.010	-.015	-.015	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
84	52	0	0	0	22	SW	1712					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0548 SUNSET 1714

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040SP/2055A

1554/SLP154/1747

1652/SLP156/1747

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: WMO, DESERT ROCK NEVADA

DATE: OCT 12 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. Mbs. (6)	TEMP °F (7)	DEW PT °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORT INITIALS (15)
SA	0054	CLR	20			154	64	50	28	09		008	603 1030	EP
SA	0151	120 SCT	20			154	64	51	31	06		007		EP
SA	0250	100 SCT	20			156	61	50	15	04		007		EP
SA	0350	E 90 BKN	20			150	63	49	11	03		007	603 1500 ~~6~~	HS
SA	0450	E90 BKN	20			150	65	51	34	03		007	RADAT 72126	HS
SA	0550	E80 BKN	20			151	65	55	14	07		007		HS
SA	0651	E80 BKN	20			154	65	55	15	06		007	400 1500	HS
SA	0751	80 SCT	20			158	66	54	13	05		008		HS
SA	0851	E80 BKN	20			151	72	52	19	13		007	BKN VRB SCT TCU NW	HS
SA	0951	E 80 BKN	20			149	74	51	19	13	G21	006	TCU NE NW 8031200	HS
													61	
SA	1052	E80 BKN 150 BKN	20			149	73	51	20	10		006	TCU NE	HS
SA	1150	E80 BKN 150 BKN	20			139	73	51	21	12		003	HVY CU ALQDS	HS
SA	1250	E80 BKN 150 BKN	20			130	71	54	13	06		000	RWU SE 820 1270	HS
SA	1350	80SCT E150 BKN	20			126	71	50	20	11		999	RWU NE	HS
SA	1450	70SCT E150 OVC	20			124	70	53	21	15	G22	997		HS
SA	1551	60SCT 150 SCT E190 OVC	20			110	71	51	14	07		994	BINOVC SW-NW/817 127/	EP
													74 RADAT 61112	
SA	1652	50 SCT 140 SCT E160 BKN	20			109	71	44	31	11	G17	994	TCU W	EP
SA	1752	140 SCT E 200 BKN	20			108	68	42	25	10		993	TCU DSNT N	EP
SA	1854	CLR	20			109	66	42	21	08		993	CB OCCL LTG DSNT NW/603	EP
													1373	
SA	1953	CLR	20			121	61	50	14	08		996	OCNL LTG DSNT W	EP
SA	2053	140 SCT 200 SCT	20			125	58	47	06	05		997	OCNL LTG DSNT W-N	EP
SA	2157	45 SCT E60 BKN 140 BKN	20			124	58	50	14	03		997	OCNL LTG DSNT W/114	EP
													~~12~~ 1830 74	
SA	2252	M45 BKN 60 OVC	20			124	59	49	32	06		997		EP
SA	2353	M38 BKN 60 OVC	20		RW-	127	59	51	31	12		999	RB40	EP

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: OCT 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 54	26.670			60	0	0	Ac	120												0	6	.010			00-01
01 51	26.660			63	1															1					01-02
02 50	26.660			67	2															2					02-03
03 50	26.660			59	8	8	Sc	E90												8	6	.010			03-04
04 50	26.660			61	8															8					04-05
05 50	26.660			69	7															7					05-06
06 51	26.660			72	8	8	Sc	E80												8	4	.000			06-07
07 51	26.670			65	3															3					07-08
08 51	26.660			50	6															6					08-09
09 51	26.650			45	6	6	Cu	E80												6	8	.010			09-10
10 52	26.650			48	8															8					10-11
11 50	26.620			46	9															9					11-12
12 50	26.590			54	9	7	Cu	E80	2	Ac	150	9								9	8	.060			12-13
13 50	26.580			47	8															8					13-14
14 50	26.570			54	10															10					14-15
15 51	26.540			49	10	1	Cu	60	2	Ac	150	3	7	As	E170	10				10	8	.050			15-16
16 52	26.540			38	9															9					16-17
17 52	26.530			39	7															5					17-18
18 54	26.530			42	0	0	CB	50	0	Ac	150	0	0	Ci	200	0				0	6	.010			18-19
19 53	26.560			67	0															0					19-20
20 53	26.570			67	2															2					20-21
21 57	26.570			75	6	3	Cu	45	3	Sc	E60	6	0	Ac	140	6				6	1	.040			21-22
22 52	26.570			69	10															10					22-23
23 53	26.580			75	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		66	61										
	0348	1	0	0	0	70	61		0								
	0949	2	0	0	0	74	62		0								
	1547	3	0	0	0	74	70		0								
	2151	4	0	0	0	71	58		0								
	MID.		T	0	0	60	58										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.650	26.540	26.570
BAROGRAPH 64	26.670	26.680	26.555	26.575
BAR. CORR. 65	-.010	-.030	-.015	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
74	58	T	0	0	27	SW	1403					8	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2340	CONT.			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0548 SUNSET 1713

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: 10900 / 2045 /

0350/0350 2157/2157

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: OCT 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 (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (10s°) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	(15)
SA	0053	25 SCT M32 OVC	20			133	56	51	30	15		000	RE05/ 30 70018//	EP
SA	0151	30 SCT E50 BKN 90 OVC	~~12~~ 20		RW-	126	54	52	06	07		997	RW- OCNLY RW RB01	EP
SA	0252	50 SCT 90 SCT 200 SCT	20			120	53	49	02	05		995	RE09	EP
SA	0355	120 SCT 250 SCT	20			115	54	50	23	04		994	71722 1072 51 20022	
													RADAT 84103	HS
														HS
SA	0452	120 SCT E250 BKN	20			125	51	51	20	05		996		
SA	0550	11 SCT M48 BKN	20			126	51	50	34	03		996	MTN TPS OBSCD NE SE	HS
SA	0650	15 SCT E50 BKN	20			125	53	50	03	03		996	SCUD OMTNS N-NE 107	
													1200	HS
SA	0750	E50 BKN	20			131	55	50	25	03		997	SCUD OMTNS NW-NE	HS
SA	0850	50 SCT E150 BKN	20			135	59	50	25	04		999		HS
SA	0951	50 SCT E110 BKN	20			134	61	48	00	00		999	107 1270 ~~62~~ 51	HS
SA	1050	50 SCT 110 SCT	20			127	65	47	04	03		997		HS
SA	1150	50 SCT 110 SCT	20			122	67	48	20	07		996	CB NW TCU N-NE	HS
SA	1252	50 SCT	20			122	68	49	23	09		993	CB NW TCU NE 817 1300	HS
SA	1350	50 SCT	20			104	70	48	07	04		991	CB NW-N MOVG SLY E	HS
SP	1434	E50 BKN	20		TRW-				23	10		991	TRB34 NW-NE MOVG	
													SLY SE	HS
SA	1451	E50 BKN	20		TRW-	109	69	48	02	06		992	TRB34 N-E MOVG	
													SLY SE	HS
SA	1554	40 SCT E60 BKN 200 BKN	20		T	113	61	53	14	10		992	CB ALQDS RE32 RWU W-	EP
													NW TRWU SE MOVG SE 60303	
													1903 72 RADAT 94106	
SA	1654	45 SCT E60 BKN 2000 OVC	20		TRW-	121	63	49	14	03		994	~~TT~~ T S-W MOVG SLY SE	EP
													RB30 OCNL LTGIC S-W	
SP	1742	45 SCT E60 BKN 2000 OVC	20						22	09		994	TE39 MOVED S RE35	EP
SA	1753	E60 BKN 200 OVC	20			122	62	51	22	05		994	CB DSNTS TE39 RE35	EP
SA	1856	60 SCT 200 SCT	20			122	61	52	04	08		994	10700 TROT 1801	EP
SA	1952	60 SCT E200 BKN	20			125	60	54	34	04		995		EP
SA	2050	70 SCT E200 OVC	20			130	61	51	36	05		997		EP
SA	2153	80 SCT E200 ~~BKN~~ OVC	20			130	59	53	10	06		997	11000 1808 72	EP
SA	2256	E90 BKN 200 BKN	20			125	58	53	03	08		996		EP
SA	2356	E90 BKN 200 BKN	20			122	58	51	34	07		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 1-10A (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: OCT 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 53	26.590			83	10	3	CU	25	7	SC	M32	10								10	3	.020			00-01
01 51	26.570			93	10															10					01-02
02 52	26.550			86	2															2					02-03
03 55	26.540	53.9	51.7	87	3	1	AC	120	2	CI	250	3								3	7	.050			03-04
04 52	26.560	51.0	51.0	100	9															9					04-05
05 50	26.560	50.6	50.0	96	9															9					05-06
06 50	26.560	53.2	51.4	90	9	1	~~CUFRA~~ ~~SFCU~~	15	8	CU	E50	9								9	1	.020			06-07
07 50	26.570			83	8															8					07-08
08 50	26.580			72	7															7					08-09
09 51	26.580			62	7	2	CU	50	5	AC	E110	7								7	1	.020			09-10
10 50	26.570			53	4															4					10-11
11 50	26.560			51	4															4					11-12
12 52	26.530			51	2	2	CB	50												2	8	.050			12-13
13 50	26.510			46	3															3					13-14
14 51	26.520			48	8															8					14-15
15 54	26.520			75	9	1	CB	40	6	SC	E60	6	3	CI	200	9				9	5	.010			15-16
16 54	26.540			60	10															10					16-17
17 53	26.540			67	10															9					17-18
18 56	26.540			72	4	0	CU	45	3	SC	60	3	1	CI	200	4				3	1	.020			18-19
19 52	26.550			81	9															7					19-20
20 50	26.570			70	10															9					20-21
21 53	26.570			81	9	0	CU	50	3	SC	80	3	6	CS	E200	9				8	1	.030			21-22
22 56	26.560			84	9															8					22-23
23 56	26.560			78	9															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0353	X	.22	0	X	60	51	X	X						X		
	0353	1	.22	0	0	60	51		2								
	0949	2	0	0	0	62	51		0								
	1549	3	.03	0	0	72	61		1								
	2149	4	T	0	0	63	59		1								
	MID.	X	0	0	0	59	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.580	26.520	26.570
BAROGRAPH 64	26.540	26.590	26.520	26.565
BAR. CORR. 65	0	*-.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
72	51	.25	0	0	21	N	1500					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	CONT.	0005			
RW-	0101	0104			
RW	0104	0121			
RW-	0121	0130			
RW	0130	0144			
RW-	0144	0209			
T	1434	1739			
RW-	1434	1532			
RW-	1630	1735			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0549 SUNSET 1712

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: 10700/2135/

0151/0151 HYGRO-TEMP: INOP 0330 BACK IN - 0720

0550/0550 2153/2153 * BARO CHANGED RE-SET TO "0"

0951/1012

1252/1252

1856/1856

1654/1654

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: WRAO, DESERT ROCK NEVADA

DATE: OCT 14 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. °F (7)	DEW PT. °F (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0056	80 SCT	20			127	56	49	01	08		997	500 1500	EP
SA	0153	CLR	20			126	55	46	05	06		997		EP
SA	0252	CLR	20			128	52	48	12	05		997	20003	EP
SA	0350	CLR	20			134	50	48	10	03		997	400 50 RADAT 48106	HS
SA	0450	150-SCT	20			137	51	48	33	03		999		HS
SA	0550	CLR	20			144	51	47	11	06		001	ACSL SE	HS
SA	0651	CLR	20			146	55	47	00	00		002	ACSL SE 214 1040	HS
SA	0751	CLR	20			147	62	43	09	03		003	SC SE	HS
SA	0850	CLR	20			146	65	42	02	11		003	SC SE	HS
SA	0950	CLR	20			145	67	39	01	10		003	SC SE 103 1500 50	HS
SA	1050	CLR	20			132	70	34	08	08		001	SC SE	HS
SA	1150	CLR	20			127	73	33	05	06		999	SC SE	HS
SA	1250	CLR	20			120	75	31	06	12		996	SC SE 720 1500	HS
SA	1350	CLR	20			113	75	30	05	06		994		HS
SA	1450	CLR	20			111	77	30	30	07		994		HS
SA	1553	CLR	20			107	76	33	28	08		992	614 78 RADAT 48109	EP
SA	1650	CLR	20			107	74	34	27	04		992		EP
SA	1750	CLR	20			114	68	37	00	00		993		EP
SA	1852	CLR	20			120	61	45	05	07		994	307	EP
SA	1950	CLR	20			125	60	42	00	00		996		EP
SA	2052	CLR	20			125	56	43	00	00		996		EP
SA	2153	CLR	20			129	54	40	06	03		997	110 78	EP
SA	2250	CLR	20			126	55	36	31	05		997		EP
SA	2358	CLR	20			126	53	34	00	00		997		EP

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

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

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

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

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: [illegible]

DATE: OCT 14 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 56	26.570			77	2	2	Sc	80												2	5	.000			00-01
01 53	26.570			72	0															0					01-02
02 52	26.570			86	0															0					02-03
03 50	26.570			93	0															0	4	.000			03-04
04 50	26.580			88	1															0					04-05
05 50	26.595			87	0															0					05-06
06 51	26.610			74	0	0	ASL	140												0	2	.040			06-07
07 51	26.620			49	0															0					07-08
08 50	26.620			43	0															0					08-09
09 50	26.620			35	0	0	Sc	70												0	1	.010			09-10
10 50	26.600			27	0															0					10-11
11 50	26.580			23	0															0					11-12
12 50	26.560			20	0	0	Sc	70												0	7	.060			12-13
13 50	26.540			19	0															0					13-14
14 50	26.535			18	0															0					14-15
15 53	26.520			21	0															0	6	.040			15-16
16 50	26.520			23	0															0					16-17
17 50	26.530			32	0															0					17-18
18 52	26.540			56	0															0	3	.020			18-19
19 50	26.560			51	0															0					19-20
20 52	26.560			62	0															0					20-21
21 53	26.570			59	0															0	1	.030			21-22
22 50	26.570			49	0															0					22-23
23 53	26.570			49	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	58	50	X	X						X		
	0348	1	0	0	0	59	50		0								
	0948	2	0	0	0	67	50		0								
	1549	3	0	0	0	78	67		0								
	2149	4	0	0	0	76	54		0								
	MID.	X	0	0	0	56	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.520	26.570
BAROGRAPH 64	26.560	26.620	26.525	26.560
BAR. CORR. 65	+.010	± 0	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	50	0	0	0	16	E	1118					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 0550 SUNSET 1710

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 OPERATION TIME

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10900 / 2035 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO, DESERT ROCK NEVADA

DATE: OCT 15 1987

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

TYPE (1)	TIME (GMT) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SUPERIOR (4)	VISIBILITY (Miles) INFERIOR (4a)	WEATHER AND OBSTRUCTIONS TO VISION	SEA LEVEL PRESS. (A)	TEMP (F)	DEW PT. (F)	WIND DIR. (Tens of Degrees)	WIND SPEED (Knots)	WIND GUSTS (Knots)	ALTIMETER SET TIND (C)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	U.S. USE ONLY (14)
SA	0052	CLR	20			126	51	35	04	08		997	400	EP
SA	0151	CLR	20			126	50	37	00	00		997		EP
SA	0251	CLR	20			123	48	37	02	04		996		EP
SA	0351	CLR	20			127	47	37	05	03		997	SCU 47 RADAT 20127	CRD
SA	0452	CLR	20			133	46	37	02	07		999		CRD
SA	0552	250 SCT	20			142	47	36	07	05		101		CRD
SA	0650	250 SCT	20			152	53	37	07	04		003	217 1001	CRD
SA	0750	CLR	20			159	59	34	32	05		005	FEW CI S	CRD
SA	0850	CLR	20			160	64	32	24	03		006	FEW CI S HAZY	CRD
SA	0950	CLR	20			155	69	3-	33	03		005	007 46	CRD
SA	1051	CLR	20			148	73	31	31	05		004		CRD
SA	1150	CLR	20			140	75	29	24	10		002		CRD
SA	1250	CLR	20			133	77	27	22	10		000	711	CRD
SA	1351	CLR	20			129	77	23	24	08		999		CRD
SA	1450	CLR	20			130	78	18	24	12		999		CRD
SA	1550	CLR	20			127	77	16	22	07		997	707 79 RADAT 20125	AD
SA	1650	CLR	20			134	74	18	26	07		999		AD
SA	1750	CLR	20			142	65	26	02	07		000		AD
SA	1850	CLR	20			148	62	30	00	00		002	214	AD
SA	1950	CLR	20			150	58	31	07	04		003		AD
SA	2050	CLR	20			153	55	32	00	00		004		AD
SA	2150	CLR	20			152	56	30	10	04		005	210 79	AD
SA	2250	CLR	20			156	54	31	00	00		006		AD
SA	2350	CLR	20			155	54	30	01	06		006		AD

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

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

STATION: WSMO, DESERT ROCK NEVADA

DATE: OCT 15 1987

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.570			54	0															0	4	.000			00-01
01 51	26.570			61	0															0					01-02
02 51	26.560			66	0															0					02-03
03 51	26.570			68	0															0	5	.000			03-04
04 52	26.580			71	0															0					04-05
05 52	26.595			65	1															1					05-06
06 50	26.620			55	1	1	4	250												1	2	.050			06-07
07 50	26.640			39	0															0					07-08
08 50	26.630			30	0															0					08-09
09 50	26.640			25	0															0	0	.020			09-10
10 51	26.630			21	0															0					10-11
11 50	26.610			18	0															0					11-12
12 50	26.590			16	0															0	7	.050			12-13
13 51	26.580			13	0															0					13-14
14 50	26.580			10	0															0					14-15
15 50	26.570			10	0															0	7	.020			15-16
16 50	26.580			12	0															0					16-17
17 50	26.590			22	0															0					17-18
18 50	26.610			30	0															0	2	.040			18-19
19 50	26.620			36	0															0					19-20
20 50	26.630			42	0															0					20-21
21 50	26.640			37	0															0	2	.030			21-22
22 50	26.650			41	0															0					22-23
23 50	26.650			40	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 03 47	X	0	0	X	54	47	X	X						X		
	03 47	1	0	0	0	56	47		0								
	0945	2	0	0	0	69	46		0								
	1550	3	0	0	0	79	69		0								
	2150	4	0	0	0	77	54		0								
	MID.	X	0	0	0	57	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.640	26.570	26.640
BAROGRAPH 64	26.560	26.630	26.580	26.630
BAR. CORR. 65	+.010	+.010	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	46	0	0	0	16	SW	1335					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 0551 SUNSET 1709

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060P / 1500P

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 [illegible]

DATE: OCT 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 (7)	DEW PT. (8)	WIND DIRECTION (10's of Deg.) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			163	51	31	11	05		008	210	AD
SA	0150	CLR	20			163	50	32	04	05		008		AD
SA	0250	CLR	20			162	52	29	03	05		008		AD
SA	0352	CLR	20			170	49	30	11	05		011	305 48 RADAT 31121	CRD
SA	0451	CLR	20			177	49	28	25	03		012		CRD
SA	0550	CLR	20			187	46	31	10	05		013		CRD
SA	0654	CLR	20			194	53	28	33	03		015	215	CRD
SA	0750	CLR	20			197	61	26	32	04		017		CRD
SA	0850	CLR	20			192	68	25	17	03		017		CRD
SA	0950	250 - SCT	20			189	71	26	36	05		016	003 1008 45	CRD
SA	1052	CLR	20			187	75	32	13	08		016		CRD
SA	1154	CLR	20			177	77	30	16	08		014		CRD
SA	1250	CLR	20			171	78	24	13	10		011	717	CRD
SA	1350	250 - SCT	20			166	79	27	24	04		009		CRD
SA	1450	250 - 13KN	20			164	80	28	14	09		009		CRD
SA	1550	250 - BKN	20			164	78	29	13	08		008	707 1008 81 RADAT 35122	AD
SA	1650	250 - BKN	20			164	76	29	14	05		008		AD
SA	1750	250 - SCT	20			177	70	27	17	04		011		AD
SA	1850	250 - SCT	20			180	66	29	09	04		012	310 1008	AD
SA	1950	250 - SCT	20			182	61	33	08	04		013		AD
SA	2050	250 - SCT	20			183	60	31	11	05		014		AD
SA	2150	CLR	20			185	60	30	18	05		015	210 81	AD
SA	2250	CLR	20			188	57	31	07	07		016		AD
SA	2350	CLR	20			193	54	31	01	04		017		AD

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

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

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

☆U.S.GPO:1984-0-764-006-6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: OCT 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 SD	26.670			46	0															0	2	.030			00-01
01 SD	26.670			50	0															0					01-02
02 SD	26.670			41	0															0					02-03
03 S2	26.685			48	0															0	3	.015			03-04
04 S1	26.700			44	0															0					04-05
05 S0	26.710			56	0															0					05-06
06 S4	26.730			38	0															0	2	.045			06-07
07 S0	26.745			26	0															0					07-08
08 S0	26.750			20	0															0					08-09
09 S0	26.740			18	1	1	CS	250												0	0	.010			09-10
10 S2	26.735			21	0															0					10-11
11 S4	26.715			18	0															0					11-12
12 S0	26.690			13	0															0	7	.050			12-13
13 S0	26.680			15	3															0					13-14
14 S0	26.675			15	7															0					14-15
15 S0	26.670			17	6	6	CS	250												0	7	.020			15-16
16 S0	26.670			18	6															0					16-17
17 S0	26.690			20	5															0					17-18
18 S0	26.700			25	4	4	CS	250												0	3	.030			18-19
19 S0	26.710			35	2															0					19-20
20 S0	26.720			33	2															0					20-21
21 S0	26.730			32	0															0	2	.030			21-22
22 S0	26.740			37	0															0					22-23
23 S0	26.750			41	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	56	48	X	X						X		
	0349	1	0	0	0	57	48		0								
	0947	2	0	0	0	71	45		0								
	1550	3	0	0	0	81	71		0								
	2150	4	0	0	0	78	58		0								
	MID.	X	0	0	0	61	54	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	26.695	26.740	26.670	26.730
BAROGRAPH 64	26.675	26.740	26.670	26.720
BAR. CORR. 65	+.010	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MID-NIGHT TO MID-NIGHT 79	WATER EQUIV. (Ins.) 80	81
81	45	0	0	0	16	SE	1230					2	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0552 SUNSET 1707

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 DROP 1180 P 1

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

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

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: OCT 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. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND GUSTS (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. PERS. INITIALS (15)
SA	0050	CLR	20			193	53	31	12	04		017	107	AD
SA	0150	CLR	20			191	54	30	00	00		017		AD
SA	0250	CLR	20			193	50	32	03	04		017		AD
SA	0352	CLR	20			192	49	32	31	03		017	802 49 RADAT 2514	CRD
SA	0450	CLR	20			195	48	32	18	04		017		CRD
SA	0550	CLR	20			201	49	31	03	03		018	FEW CI E	CRD
SA	0650	CLR	20			205	53	00	32	04		019	HAZY / 208	CRD
SA	0751	CLR	20			208	62	28	11	03		020	HAZY	CRD
SA	0851	CLR	20			208	69	28	18	03		022		CRD
SA	0950	CLR	20			199	75	26	15	03		019	000 46	CRD
SA	1055	CLR	20			193	76	25	32	04		017		CRD
SA	1152	CLR	20			184	79	24	09	03		015		CRD
SA	1250	CLR	20			178	80	20	32	05		013	722	CRD
SA	1350	CLR	20			165	81	24	21	05		011		CRD
SA	1452	CLR	20			162	81	22	26	07		008		CRD
SA	1553	CLR	20			161	80	22	24	07		006	614 82 RADAT M156	JC
SA	1652	CLR	20			161	76	24	29	06		007		JC
SA	1753	CLR	20			169	68	27	00	00		008		JC
SA	1851	CLR	20			173	64	28	00	00		009	305	JC
SA	1950	CLR	20			174	61	30	06	06		011		JC
SA	2058	CLR	20			170	61	29	07	04		011		JC
SA	2150	CLR	20			173	58	28	11	04		012	207 82	AD
SA	2250	CLR	20			173	56	30	00	00		012		AD
SA	2350	CLR	20			171	55	30	00	00		012		AD

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

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

SUPERSEDES MF 1-10A (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: OCT 17, 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 SD	26.750			43	0															0	1	.020			00-01
01 SD	26.750			40	0															0					01-02
02 SD	26.750			50	0															0					02-03
03 S2	26.745			52	0															0					03-04
04 S4	26.750			54	0															0	8	.005			04-05
05 S0	26.755			50	0															0					05-06
06 S0	26.770			41	0															0					06-07
07 S1	26.780			28	0															0	2	.025			07-08
08 S1	26.795			22	0															0					08-09
09 S0	26.770			16	0															0					09-10
10 S5	26.750			15	0															0	0	.000			10-11
11 S2	26.730			13	0															0					11-12
12 S0	26.705			13	0															0					12-13
13 S0	26.695			12	0															0	7	.065			13-14
14 S2	26.670			11	0															0					14-15
15 S3	26.665			12	0															0					15-16
16 S2	26.660			14	0															0	6	.040			16-17
17 S3	26.670			21	0															0					17-18
18 S1	26.680			26	0															0					18-19
19 S0	26.690			31	0															0	3	.015			19-20
20 S2	26.690			30	0															0					20-21
21 S0	26.700			32	0															0					21-22
22 S0	26.700			37	0															0	2	.020			22-23
23 S0	26.700			38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		55	49										
	0349	1	0	0	0	61	49		0								
	0948	2	0	0	0	75	46		0								
	1549	3	0	0	0	82	75		0								
	2150	4	0	0	0	80	58		0								
	MID.		0	0	0	58	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0949	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.745	26.770	26.665	26.700
BAROGRAPH 64	26.745	26.770	26.660	26.680
BAR. CORR. 65	0	0*	+.005	+.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
82	46	0	0	0	15	SW	1415					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 0553 SUNSET 1706

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: 1060P 1800P1

*BAROGRAPH CHART CHANGED

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: OCT 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 (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0050	CLR	20			175	54	27	12	06		013	303	AD
SA	0150	CLR	20			175	53	29	02	03		013		AD
SA	0250	CLR	20			175	53	28	03	06		013		AD
SA	0357	CLR	20			175	51	29	00	00		013	802 50 RADAT 27113	RD
SA	0452	CLR	20			177	50	28	11	05		013		RD
SA	0553	CLR	20			185	48	28	10	05		013		RD
SA	0654	CLR	20			187	53	27	14	04		014	305	RD
SA	0759	CLR	20			190	61	25	12	05		015		RD
SA	0852	CLR	20			181	70	26	10	06		014		RD
SA	0954	CLR	20			177	74	24	03	11		013	803 48	RD
SA	1055	CLR	20			169	79	23	26	06		011		RD
SA	1152	CLR	20			160	80	21	32	05		009		RD
SA	1252	CLR	20			150	81	25	22	12		006	722	RD
SA	1352	CLR	20			143	81	23	20	09		004		RD
SA	1451	CLR	20			138	82	21	24	10		003		RD
SA	1553	CLR	20			135	81	20	23	08		001	615 82 RADAT 20132	JC
SA	1654	CLR	20			133	77	22	22	06		000		JC
SA	1755	CLR	20			134	71	22	36	03		999		JC
SA	1854	CLR	20			148	62	26	07	03		002	303	JC
SA	1950	CLR	20			145	63	25	01	08		003		JS
SA	2053	CLR	20			145	62	23	14	03		004		JS
SA	2153	CLR	20			146	59	24	09	03		004	207 82	JS
SA	2252	CLR	20			145	55	26	10	05		004		JS
SA	2352	CLR	20			144	52	26	06	04		003		JS

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

FM12-VII: 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: 1984-0-764-006/6885

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: OCT 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 50	26.710			35	0															0	3	.010			00-01
01 50	26.710			39	0															0					01-02
02 50	26.710			38	0															0					02-03
03 57	26.705			43	0															0	8	.005			03-04
04 52	26.705			42	0															0					04-05
05 53	26.710			48	0															0					05-06
06 54	26.720			37	0															0	3	.015			06-07
07 59	26.730			25	0															0					07-08
08 52	26.720			19	0															0					08-09
09 54	26.710			15	0															0	8	.010			09-10
10 55	26.690			17	0															0					10-11
11 52	26.670			11	0															0					11-12
12 52	26.645			13	0															0	7	.065			12-13
13 52	26.625			12	0															0					13-14
14 51	26.615			11	0															0					14-15
15 52	26.600			10	0															0	6	.045			15-16
16 54	26.590			13	0															0					16-17
17 55	26.580			16	0															0					17-18
18 54	26.610			25	0															0	3	.010			18-19
19 50	26.615			23	0															0					19-20
20 53	26.625			22	0															0					20-21
21 53	26.630			26	0															0	2	.020			21-22
22 52	26.630			32	0															0					22-23
23 52	26.620			36	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 0349	X	0	0	X	56	50	X	X						X		
	0349	1	0	0	0	58	50		0								
	0948	2	0	0	0	74	48		0								
	1549	3	0	0	0	82	74		0								
	2150	4	0	0	0	81	58		0								
	MID.	X	0	0	0	61	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1556	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.710	26.600	26.630
BAROGRAPH 64	26.680	26.695	26.587	26.610
BAR. CORR. 65	+.025	+.015	+.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 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 TOP (Ins.) 75	FROZEN GROUND LAYER BASE (Ins.) 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	48	0	0	0	17	SW	1411					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 0554 SUNSET 1705

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: 10556 / 21202 /

☆ 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: [redacted]

DATE: OCT 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 (7)	DEW PT. (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 INITIALS (15)
SA	0050	CLR	20			146	51	26	00	00		004		JS
SA	0150	CLR	20			146	57	25	10	05		004	500	JS
SA	0251	CLR	20			144	54	22	09	07		004		JS
SA	0355	CLR	20			146	50	23	10	04		004		JS
SA	0451	CLR	20			149	52	21	16	05		005	400 50 RADAT 20122	RD
SA	0553	CLR	20			153	54	20	05	03		005		RD
SA	0654	CLR	20			164	56	21	00	00		007		RD
SA	0753	CLR	20			164	66	18	03	11		008	310	RD
SA	0850	CLR	20			160	68	18	04	12		008		RD
SA	0953	CLR	20			157	73	14	02	11		007		RD
SA	1051	CLR	20			154	77	18	26	06		006	000 44	RD
SA	1151	CLR	20			145	79	18	01	03		004		RD
SA	1254	CLR	20			136	81	18	32	08		002		RD
SA	1353	CLR	20			130	81	17	28	07		000	719	RD
SA	1450	CLR	20			128	82	17	07	07		000		RD
SA	1552	CLR	20			129	81	14	10	03		000		RD
SA	1653	CLR	20			130	77	15	14	07		000	707 83 RADAT 20119	JS
SA	1750	CLR	20			140	69	17	12	09		001		JS
SA	1851	CLR	20			144	65	18	23	04		002		JS
SA	1951	CLR	20			146	62	18	28	04		004	308	JS
SA	2057	CLR	20			148	62	17	11	06		005		JS
SA	2153	CLR	20			152	62	18	04	10		006		JS
SA	2250	CLR	20			153	59	17	07	04		007	214 83	JS
SA	2350	CLR	20			154	60	18	01	08		007		JS

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

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

SUPERSEDES MF 1-10A (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: 93980, DESERT ROCK, NV

DATE: OCT 19 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00	50	26.630			38	0														0	5	.000			00-01
01	50	26.630			35	0														0					01-02
02	51	26.630			29	0														0					02-03
03	55	26.630			34	0														0	4	.000			03-04
04	51	26.635			30	0														0					04-05
05	53	26.640			26	0														0					05-06
06	54	26.660			26	0														0	3	.030			06-07
07	53	26.670			16	0														0					07-08
08	50	26.665			15	0														0					08-09
09	53	26.660			13	0														0	0	.000			09-10
10	51	26.650			11	0														0					10-11
11	51	26.625			10	0														0					11-12
12	54	26.605			10	0														0	7	.055			12-13
13	53	26.590			9	0														0					13-14
14	50	26.590			9	0														0					14-15
15	52	26.585			8	0														0	7	.020			15-16
16	53	26.585			10	0														0					16-17
17	50	26.600			14	0														0					17-18
18	51	26.610			16	0														0	3	.025			18-19
19	51	26.625			19	0														0					19-20
20	51	26.635			17	0														0					20-21
21	53	26.650			18	0														0	2	.040			21-22
22	50	26.655			19	0														0					22-23
23	50	26.660			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 0349	X	0	0	X	55	50	X	X						X		
	0349	1	0	0	0	61	50		0								
	0949	2	0	0	0	73	49		0								
	1549	3	0	0	0	83	73		0								
	2151	4	0	0	0	81	60		0								
	MID.	X	0	0	0	63	58	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0952	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.660	26.585	26.650
BAROGRAPH 64	26.615	26.645	26.575	26.640
BAR. CORR. 65	+.015	+.015	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
83	49	0	0	0	19	NE	0913*					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 0555 SUNSET 1704

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 8 1214 2 F 1

* LAST OF SEVERAL OCCURRENCES

☆ 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: WSMR, DESERT ROCK, NM

DATE: OCT 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 (100-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			158	58	19	06	08		008	207	JS
SA	0151	CLR	20			160	57	20	05	07		009		JS
SA	0258	CLR	20			160	58	20	05	11		009		JS
SA	0354	CLR	20			163	57	20	05	14		009	303 55 RADAT 30117	RD
SA	0454	CLR	20			170	57	19	06	13		012		RD
SA	0555	CLR	20			178	55	19	06	13		012		RD
SA	0653	CLR	20			180	60	18	04	12		013	210	RD
SA	0951	CLR	20			185	64	17	03	18		015		RD
SA	0853	CLR	20			184	68	17	05	11		015		RD
SA	0950	CLR	20			181	72	18	06	07		015	105 1001 55	RD
SA	1052	250 - SCT	20			176	76	18	11	10		013		RD
SA	1151	250 - SCT	20		162	199	78	18	13	10		009		RD
SA	1251	250 - SCT	20			155	79	18	14	13		007	722 1001	RD
SA	1350	250 - BKN	20			147	80	18	16	08		005		RD
SA	1453	250 - BKN	20			146	80	17	11	06		005		RD
SA	1550	250 - OVC	20			148	78	17	09	07		005	607 1007 80 RADAT 35115	JS
SA	1659	250 - BKN	20			150	75	19	12	10		005		JS
SA	1750	250 - SCT	20			158	67	20	11	10		006		JS
SA	1854	CLR	20			159	67	20	12	11		007	307	JS
SA	1954	CLR	20			161	64	20	10	08		008		JS
SA	2055	CLR	20			170	61	21	13	06		011		JS
SA	2157	250 - SCT	20			165	62	21	08	05		010	008 1008 80	JS
SA	2254	250 - BKN	20			168	58	22	01	04		011		JS
SA	2351	250 - BKN	20			166	58	21	02	04		011		JS

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 20 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670			23	0															0	2	.020			00-01
01 51	26.675			23	0															0					01-02
02 53	26.675			23	0															0					02-03
03 54	26.680			24	0															0	3	.010			03-04
04 54	26.695			23	0															0					04-05
05 55	26.700			24	0															0					05-06
06 53	26.710			19	0															0	2	.030			06-07
07 51	26.725			16	0															0					07-08
08 53	26.725			14	0															0					08-09
09 50	26.725			13	0	0	CI	250												0	1	.015			09-10
10 52	26.710			11	2															0					10-11
11 51	26.680			10	4															0					11-12
12 51	26.660			10	4	4	CI	250												0	7	.065			12-13
13 50	26.640			10	6															1					13-14
14 53	26.640			9	8															2					14-15
15 50	26.640			10	10	10	CS	250												4	6	.020			15-16
16 59	26.640			13	8															3					16-17
17 50	26.650			16	4															2					17-18
18 54	26.660			17	0															0	3	.020			18-19
19 54	26.665			18	0															0					19-20
20 55	26.670			21	0															0					20-21
21 51	26.685			21	4	4	CS	250												2	0	.025			21-22
22 54	26.690			25	8															3					22-23
23 51	26.690			23	8															3					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	66	55	X	X						X		
	0348	1	0	0	0	66	55		0								
	0946	2	0	0	0	72	55		0								
	1548	3	0	0	0	80	72		0								
	2149	4	0	0	0	79	59		0								
	MID.	X	0	0	0	63	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0949	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.689	26.725	26.640	26.685
BAROGRAPH 64	26.670	26.710	26.620	26.680
BAR. CORR. 65	+.019	+.015	+.020	+.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
80	55	0	0	0	18	NE	0750					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0556 SUNSET 1702

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1054 5/2021 8/1151/1151

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: WBMO, DESERT ROCK, NV

DATE: OCT 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 (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CDR. REVIEWS INITIALS (15)
SA	0052	250 - OVC	20			166	57	23	05	07		011	102 /007	JS
SA	0150	E250 OVC	20			161	58	22	13	04		009		JS
SA	0252	E250 OVC	20			160	56	22	30	03		009	3	JS
SA	0354	170 SCT E250 OVC	20			167	54	24	07	05		009	503 1037 SK	[illegible]
													RADAT 4114	
SA	0455	170 SCT 250 - BKN	20			166	54	24	03	06		009		[illegible]
SA	0555	170 SCT 250 - BKN	20			175	52	22	34	04		011		[illegible]
SA	0655	E150 BKN 250 OVC	20			178	58	25	00	00		012	307 1037	[illegible]
SA	0753	E 150 BKN 250 OVC	20			176	64	24	33	06		012	CU OVR MTNS SW	[illegible]
SA	0854	E 150 BKN 250 OVC	20			174	72	21	27	03		012	TCU OVR MTNS SW	[illegible]
SA	0955	E 150 BKN 250 OVC	20			173	73	22	11	08		012	CB OVR MTNS SW/400	[illegible]
													1331 51	[illegible]
SA	1051	90 SCT E150 BKN 250 BKN	20			164	76	22	12	07		009	TCU VIRGA W	[illegible]
SA	1150	90 SCT 150 SCT 250 - OVC	20			155	78	28	21	06		007		[illegible]
SA	1250	90 SCT 150 SCT 250 - OVC	20			144	80	29	33	03		004	TCU DSNT NE/824 1231	[illegible]
SA	1352	90 SCT 150 SCT 250 - OVC	20			135	81	33	21	13		002	TCU NE	[illegible]
SA	1455	90 SCT 150 SCT 250 - OVC	20			130	78	32	21	09		001	TCU NE	[illegible]
SA	1551	90 SCT 150 SCT E250 OVC	20			136	77	29	15	08		002	608 1138 82 RADAT	JS
													67115	
SA	1650	90 SCT E250 OVC	20			135	75	30	21	06		001		JS
SA	1750	80 SCT 250 - OVC	20			142	71	34	12	06		002		JS
SA	1850	80 SCT 250 - OVC	20			142	70	34	00	00		003	~~1508~~ *303 1508	JS
SA	1956	80 SCT 250 - OVC	20			142	67	36	02	04		003		JS
SA	2053	80 SCT 250 - OVC	20			141	64	37	27	05		004		JS
SA	2150	E 80 BKN 250 OVC	20			142	67	37	35	06		004	205 1508 82	JS
SA	2252	E80 BKN 250 OVC	20			138	68	39	23	08		004		JS
SA	2351	40 SCT E80 OVC	20			139	67	43	25	04		004		JS

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

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

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

U.S.GPO.1984 0 /64 006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 21 19[illegible]

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.690			26	10	10	CS	250												4	1	.005			00-01
01 50	26.680			25	10															8					01-02
02 52	26.675			26	10															8					02-03
03 54	26.680			28	10	3	Ac	170	10	CS	E250	10								8	5	.010			03-04
04 55	26.680			31	7															3					04-05
05 55	26.690			31	7															3					05-06
06 55	26.700			28	10	7	Ac	E150	10	CS	250	10								9	3	.020			06-07
07 53	26.700			27	10															9					07-08
08 54	26.700			15	10															8					08-09
09 55	26.700			15	10	0	CB	60	6	Ac	E150	6	10	Ci	250	10				8	4	.000			09-10
10 51	26.680			13	9															8					10-11
11 50	26.660			16	10															4					11-12
12 50	26.630			16	10	1	TCU	90	1	Ac	150	2	10	Ci	250	10				4	8	.070			12-13
13 52	26.610			18	10															4					13-14
14 55	26.600			19	10															4					14-15
15 51	26.605			17	10	2	Cu	90	1	Ac	150	3	7	CS	E250	10				8	6	.025			15-16
16 50	26.600			19	10															7					16-17
17 50	26.605			26	10															4					17-18
18 50	26.615			26	10	3	Sc	80	7	CS	E250	10								4	3	.010			18-19
19 56	26.620			32	10															4					19-20
20 53	26.625			37	10															4					20-21
21 50	26.630			34	10	6	Sc	E80	4	CS	250	10								8	2	.015			21-22
22 50	26.630			34	10															9					22-23
23 51	26.630			42	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		58	53										
	0348	1	0	0	0	63	53		0								
	947	2	0	0	0	74	51		0								
	1549	3	0	0	0	82	73		0								
	2148	4	0	0	0	77	63		0								
	MID.		0	0	0	69	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0354	0948	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	29.700	26.605	26.630
BAROGRAPH 64	26.680	29.700	26.590	26.625
BAR. CORR. 65	0	*0	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML. TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	51	0	0	0	18	SW	1347					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0556 SUNSET 1701

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: 1062B / 1932B /

0354 / 12 HR MIN 53 / 0354 1850 / 1850

* BAROGRAPH CHANGED

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 [redacted]

DATE OCT 22 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (00-36) (9)	WIND SPEED Kts. (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS INITIALS (15)
SA	0084	40 SCT E80 BKN 250 OVC	20			134	67	44	03	05		003	803 1408	JS
SA	0150	M55 OVC	20		R-	136	63	49	28	05		003	RB35	JS
SA	0250	E60 BKN 150 OVC	20			134	61	50	05	06		002	RE15	JS
SA	0355	60 SCT E150 BKN 250 BKN	20			132	58	49	04	04		001	80700 1531 57	Oca
SA	0450	M75 BKN	20			132	60	48	17	05		001	RADAT 91115	Oca
SA	0553	75 SCT 150 SCT 250- BKN	20			135	57	47	00	00		000	LWR CLDS OVR MTNS SW-W	Oca
SA	0655	60 SCT 120 SCT 250- BKN	20			135	57	46	08	03		001	TCu E-SE ACSL W RWU	Oca
													SE/500 1241	
SA	0752	60 SCT 120 SCT 250-BKN	20			138	65	46	24	03		002		Oca
SA	0852	120 SCT 250- OVC	20			131	71	44	29	08		000	FEW CU OVR MTNS ACCS	Oca
SA	0953	120 SCT 250- BKN	20			121	72	44	24	08		999	CU OVR MTNS ALQDS /807	Oca
													1131 56	
SA	1055	80 SCT 120 SCT 250-BKN	20			122	73	44	24	08		999	TCU SE	[illegible]
SA	1150	80 SCT 120 SCT E250 OVC	20			115	75	45	27	05		996	TCU SE AND SW	[illegible]
SA	1251	E80 BKN 120 BKN 250 OVC	20			103	75	45	22	14	620	995	TCU E-SE/817 1231	[illegible]
SA	1350	80 SCT 120 SCT E200 OVC	20			101	74	46	26	13		992	CB RWU N-SE	[illegible]
SA	1450	80 SCT 120 SCT E200 OVC	20			095	73	46	25	13	619	990	CB NE RWU SE	[illegible]
SA	1559	M65 BKN 170 OVC	20			106	70	46	13	13	423	992	CB N RWU N AND SE/503	CG
													192/ 76 RADAT 78113	
SA	1656	M65 BKN 170 OVC	20			106	67	45	09	17		992	CB NW-NE	CG
SP	1745	M60 OVC	20		TRW-				13	13		992	TB43 RB57 T ~~MOV~~ SW MOVNT	CG
									13				UKN LTG IC ~~MOV~~ SW	
SA	1757	M60 OVC	20		TRW-	111	61	51	13	12		992	TB43 RB57 T ~~MOV~~ SW MOVNT	CG
SP		~~M60 OVC~~	~~20~~										UKN LTG IC ~~MOV~~ SW	
SP	1810	M60 OVC	20						14	07		992	TE09 RE01 T ~~MOV~~ S	CG
													DSNT LTG S	
SA	1859	M60 OVC	20		RW-	111	61	51	16	09		992	*CB LTG DSNT S/40002 1811	CG
													*TE09 RE01853 T MOVG S	
SP	1930	M38 OVC	10		TRW-				19	18	627	996	TB28 T S MOVG N LTG IC SW	CG
SA	1957	M38 OVC	10		TRW-	125	56	56	24	14		996	TB28 T NE MOVG NE LTG IC	CG
													NE	
SP	2016	M50 OVC	15		RW-				24	06		997	TE15 T MOVG NE CB LTG	CG
													DSNT S	
SA	2024	M50 OVC	15		RW-	121	56	56	01	04		997	TE15 T MOVG NE	CG
SA	2159	M30 BKN 90 OVC	20			116	57	56	34	02		995	RE17/01039 122/ 76	CG
SA	2259	30 SCT E90 OVC	20			117	57	55	10	02		995		CG
SA	2354	30 SCT E90 BKN 250 BKN	20			119	58	54	04	03		996		CG

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

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

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

U.S.GPO:1984 0-764-006/6065

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 22 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.620			45	10	3	Sc	40	3	Sc	E80	6	4	CS	250	10				9	8	.010			00-01
01 50	26.620			61	10															10					01-02
02 50	26.605			68	10															10					02-03
03 55	26.600			72	7	3	Sc	60	4	Ac	E150	7	0	Ci	250	7				7	8	.020			03-04
04 50	26.600			65	8															8					04-05
05 53	26.595			70	8															4					05-06
06 55	26.600			67	8	1	Tcu	60	2	Ac	120	3	5	Ci	250	8				4	5	.000			06-07
07 52	26.610			50	8															4					07-08
08 52	26.580			38	10															3					08-09
09 53	26.580			37	7	0	Cu	60	2	Ac	120	2	5	Ci	250	7				3	8	.020			09-10
10 55	26.580			36	8															4					10-11
11 50	26.560			35	10															7					11-12
12 51	26.530			35	10	7	TCU	E80	1	Ac	120	8	6	Ci	250	10				8	8	.050			12-13
13 50	26.520			37	10															9					13-14
14 50	26.520			38	10															10					14-15
15 59	26.520			42	10	7	Cb	M65	3	As	120	10								10	0	.010			15-16
16 56	26.520			45	10															10					16-17
17 57	26.520			70	10															10					17-18
18 59	26.520			70	10	10	Cb	M60												10	4	.000			18-19
19 57	26.580			100	10															10					19-20
20 54	26.580			100	10															10					20-21
21 59	26.550			97	10	8	TCU	M30	2	As	90	10								10	0	.020			21-22
22 59	26.550			93	10															10					22-23
23 54	26.580			93	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	T	0	X	67	57	X	X						X		
	0345	1	T	0	0	69	57		0								
	0945	2	0	0	0	73	56		0								
	1556	3	0	0	0	76	70		0								
	2155	4	.39	0	0	70	56		2								
	MID.	X	0	0	0	58	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1559	2159
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.580	26.520	26.550
BAROGRAPH 64	26.600	26.590	26.590	26.550
BAR. CORR. 65	+.000	-.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 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 GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	56	.39	0	0	33	5	1933					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	0135	0155			
RW-	0155	0215			
RW-	1737	1801			
T	1743	1809			
RW-	1853	1933			
T	1928	2015			
RW	1933	1944			
RW-	1944	2117			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0557 SUNSET 1700

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: 10659 / 18058 /

0655/0655 1957 / TRW- / 0630-23
1745/1745
1757/1757
2016/2016

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, NV

DATE: OCT 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 (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	QC (SEE REVERSE) (15)
SA	0057	M65 BKN 250 BKN	20			120	56	55	01	03		996	*10300 1208 *RB36E53	CG
SA	0156	M75 BKN 250 BKN	20		RW-	121	55	55	03	04		996	RB23	CG
SA	0259	M75 BKN 250 BKN	20			114	55	54	36	05		994	RE04B36E53	CG
SA	0355	32 SCT M75 BKN 250 OVC	20			122	55	54	10	07		996	50003 1501 54 20042	DCa
SA	~~0453~~	~~75 SCT 250 SCT~~	~~20~~			~~134~~	~~54~~	~~54~~	~~02~~	~~05~~		~~999~~	RADAT 93103	
SA	0453	75 SCT 250 SCT	20			134	54	54	02	05		999		DCa
SA	0554	75 SCT E250 BKN	20			127	54	53	11	05		996		DCa
SA	0654	M45 BKN 75 BKN 250 BKN	20			130	56	54	10	05		998	302 1531	DCa
SA	0751	M45 BKN 75 BKN 250 BKN	20			141	58	55	16	04		000		DCa
SA	0854	M40 BKN 250 BKN	20			144	60	53	16	05		001	*Cu ALQDS *LWR CLDS SE	DCa
SA	0955	M38 BKN 250 BKN	20			142	62	52	17	04		001	TCu ALQDS LWR CLDS	DCa
													ALG MTNS SE/112 1201	
													53	
SA	1050	M38 BKN 250 BKN	20			136	66	51	26	07		000	TCU ALQDS	
SA	1158	M45 BKN 250 BKN	20			128	67	51	09	05		997	TCU ALQDS	
SA	1252	E45 BKN 250 BKN	20			122	69	49	22	13		996	714 1201	
SA	1350	E50 BKN 250 BKN	20			120	69	49	21	12	G18	995	TCU ALQDS	
SA	1450	50 SCT 250 SCT	20			121	67	49	22	11		995	CB NE MOVG N	
SA	1553	50 SCT 250 SCT	20			116	68	49	20	12		994	CB NE TCU ALQDS/807	CG
													1301 70 RADAT 65106	
SA	1659	50 SCT 250-SCT	20			126	64	49	20	10		996		CG
SA	1754	50 SCT 250-SCT	20			131	64	48	20	10		997		CG
SA	1855	250-SCT	20			134	62	48	20	04		999	DSNT LTG ~~E NE~~ NE E/114 1308	CG
SA	1958	E250 OVC	20			134	60	51	06	03		999	DSNT LTG NE	CG
SA	2058	E250 OVC	20			138	59	53	01	02		000		CG
SA	2153	E250 OVC	20			141	59	52	06	05		001	307 1007 70	CG
SA	2257	E250 OVC	20			147	57	53	11	05		003		CG
SA	2356	E250 OVC	20			149	58	53	05	02		004		CG

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

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

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

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

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: OCT 23 1987

To convert LST to GMT ADD 3 hrs. SUBTRACT hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.580			97	9	6	TCU	M65	3	Cs	250	9								9	1	.010			00-01
01 56	26.580			100	9															9					01-02
02 59	26.540			97	9															9					02-03
03 55	26.560			97	10	3	Sc	32	5	Sc	M75	8	2	Ci	250	10				9	5	.000			03-04
04 53	26.580			100	2															2					04-05
05 54	26.560			97	7															5					05-06
06 54	26.565			93	*8	6	Sc	M45	1	Ac	75	7	1	Ci	250	8				7	3	.005			06-07
07 51	26.590			90	8															8					07-08
08 54	26.600			78	8															7					08-09
09 55	26.600			70	8	0	Sc	20	6	TCu	M38	6	2	Ci	250	8				8	1	.035			09-10
10 50	26.590			59	8															8					10-11
11 68	26.570			57	8															8					11-12
12 52	26.560			49	8	8	TCU	E45	0	Ci	250	8								8	7	.040			12-13
13 50	26.550			49	7															7					13-14
14 50	26.550			52	5															5					14-15
15 53	26.540			51	*2	2	Cb	50	0	Ci	250	2								2	8	.020			15-16
16 59	26.580			58	4															1					16-17
17 54	26.570			56	5															1					17-18
18 55	26.580			60	3	0	Cb	50	3	Cs	250	3								1	1	.040			18-19
19 58	26.580			72	10															7					19-20
20 58	26.590			81	10															8					20-21
21 53	26.600			78	10	10	Cs	E250												9	3	.020			21-22
22 57	26.620			87	10															8					22-23
23 56	26.630			84	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.03	0	X	56	54	X	X						X		
	0345	1	.03	0	0	58	54		1								
	0945	2	0	0	0	64	53		0								
	1550	3	0	0	0	70	62		0								
	2150	4	0	0	0	68	58		0								
	MID.	X	0	0	0	60	57	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.540	26.600
BAROGRAPH 64	26.565	26.600	26.540	26.600
BAR. CORR. 65	-.005	±000	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	53	.03	0	0	18	SW	1350					7	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0035	0053			
RW-	0124	0204			
RW-	0236	0253			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0558 SUNSET 1658

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1 0900 / 1910 /

0453/0453 PST

1855/1855

☆ 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: WBAR, DESERT ROCK, NV

DATE: OCT 24 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (16)	TEMP (17)	DEW PT. (18)	WIND DIRECTION (00-36) (19)	WIND SPEED (Kts.) (20)	WIND CHARACTER (21)	ALTIMETER SETTING (Ins.) (22)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CD. (Ref. Bas. Notes) (15)
SA	0056	SO SCT E250 OVC	20		RW-	152	59	53	11	04		005	RB31 / 21400 1208	CG
SP	0113	M55 BKN 250 OVC	20		TRW-				16	02		005	TB12 T S MOVMT OVR LTGCG S	CG
SP	0121	M55 BKN 250 OVC	20		RW-				04	10		005	TE40 T MOVD W	CG
SA	0151	M55 OVC	15		RW-	153	56	54	05	08		005	*TE40 T MOVD W [illegible]	CG
SP	0202	M55 OVC	15		TRW-				04	05		006	TB01 T S MOVG NW LTGCC S	CG
SA	0251	M55 OVC	20		T	154	56	53	34	04		005	TB01 T SW-NW MOVG NW	CG
													LTGICCG SW-NW RE38	
SA	0351	M38 OVC	10		TRW-	163	55	52	31	09		007	T W-NW MOVG NW	
													OCNL LTGIC CG W-NW RB42	
													30722 19// 55 20022	
													RADAT 93101	
SP	0445	M45 OVC	20						01	10		007	TE43 MOVD NW OCNL	
													LTGIC W-NW	
SA	0452	M45 OVC	20			164	55	50	02	06		007	TE43 MOVD NW RE15 OCNL	
													LTGIC W-NW	
SP	0535	M40 OVC	10		TRW-				20	10		011	T SW MOVG NW TB33	
													OCNL LTGIC SW PRESRR	
SP	0542	M8 BKN 40 OVC	5		TRW				18	06		012	T S-SW MOVG NW OCNL	
													LTGIC S-SW PRESRR	
SA	0554	M8 BKN 40 OVC	3		TRW-F	182	53	53	29	03		013	TB33 W MOVG NW RB1258	
													OCNL LTGIC W PRESRR	
SP	0608	5 SCT M45 OVC	3		RW-F				03	06		013	TE06 MOVD NW	
SA	0650	5 SCT M50 OVC	10		RW-	190	53	52	01	08		014	TE06 MOVD NW RW- OCNLY	
													RW/ 32036 14//	
SA	0750	M50 BKN 200 OVC	20		RW-	194	53	52	20	03		015	FEW CUFRA 5 HND PCPN	
													VRY LGT	
SA	0853	E50 BKN 200 OVC	20			197	56	51	16	03		016	FEW CUFRA 5 HND RE 1553	
SA	0953	SO SCT E130 OVC	20			195	58	53	36	04		016	FEW CUFRA 5 HND / 10740	
													143/ 52	
SA	1050	M50 BKN 130 OVC	20			196	60	51	36	05		016	FEW CUFRA 10	
SA	1159	M50 BKN 130 OVC	20			196	59	51	01	05		016		
SA	1251	M45 BKN 130 OVC	20			194	60	49	22	05		016	RB02E17 / 40000 183/	
SA	1352	M45 OVC	20			196	60	50	11	06		016		
SA	1450	M50 OVC	20			196	60	49	10	07		016	CB DSNT SW	
SA	1555	M50 BKN 150 OVC	20		RW-	201	60	50	08	03		017	*30300 142/ 61 RADAT	CG
													94102 *RB12	
SA	1657	M50 BKN 150 BKN	20			205	60	49	13	08		018	NE03	CG
SA	1759	M60 BKN	20			214	59	50	13	07		020		CG
SA	1854	60 SCT	20			222	58	51	11	05		023	31700 1500	CG
SA	1955	60 SCT	20			227	56	51	10	05		024		CG
SA	2057	60 SCT	20			234	54	51	01	06		026		CG
SA	2153	60 SCT	20			240	55	52	12	05		028	31700 1500 61	CG
SA	2256	60 SCT E250 BKN	20			237	54	51	09	05		027		CG
SA	2359	60 SCT 250-BKN	20			237	52	51	02	05		027		CG

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

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

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

U.S.G.P.O. 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: OCT 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 56	26.640			81	10	5	TCU	50	5	CS	E250	10								10	2	.040			00-01
01 51	26.640			93	10															10					01-02
02 54	26.640			90	10															10					02-03
03 57	26.660			90	10	10	CB	M38												10	3	.020			03-04
04 52	26.660			83	10															10					04-05
05 54	26.705			99	10															10					05-06
06 50	26.720			97	*10	2	CUFRA	5	10	SC	M50	10								10	3	.060			06-07
07 50	26.730			97	10															10					07-08
08 53	26.740			83	10															10					08-09
09 53	26.740			84	10	0	CUFRA	5	3	SC	50	3	10	AC	E130	10				10	1	.020			09-10
10 50	26.740			72	10															10					10-11
11 59	26.740			75	10															10					11-12
12 51	26.740			67	10	0	CU	30	8	SC	M45	8	2	AC	130	10				10	4	.000			12-13
13 52	26.740			70	10															10					13-14
14 50	26.740			67	10															10					14-15
15 55	26.750			70	10	8	SC	M50	2	AS	150	10								10	3	.010			15-16
16 57	26.760			67	*9															9					16-17
17 59	26.780			72	9															9					17-18
18 54	26.800			78	5	5	SC	60												5	3	.050			18-19
19 55	26.810			83	3															3					19-20
20 57	26.830			90	2															2					20-21
21 53	26.850			90	2	2	SC	60												2	3	.050			21-22
22 58	26.840			90	7															5					22-23
23 59	26.840			96	6															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0352	X	.22	0	X	59	55	X	X						X		
	0352	1	.22	0	0	60	55		2								
	0949	2	.40	0	0	58	52		2								
	1550	3	T	0	0	61	58		2								
	2150	4	T	0	0	60	53		2								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0357	0953	1555	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.740	26.750	26.850
BAROGRAPH 64	26.660	26.740	26.750	26.850
BAR. CORR. 65	0	0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
61	52	.62	0	0	*10	5	0335					10	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0031	0101			
RW	0101	0110			
RW-	0110	0339			
T	0112	0140			
T	0201	0443			
RW-	0342	0415			
RW-	0458	0536			
T	0533	0606			
RW	0536	0552			
RW-	0552	0610			
F	0552	0645			
RW	0610	0630			
RW-	0630	0700			
RW	0700	0705			
RW-	0705	0753			
RW-	1202	1217			
RW-	1512	1603			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0659 SUNSET 1657

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: 10715 / 1830 /

0141/0141 0151/T812/0700

*LAST OF SEVERAL OCCURENCES

☆ 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: [redacted]

DATE: OCT 25 1987

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	CO-OPS REPS INITIALS (15)
SA	0053	250 - BKN	20			240	54	50	21	02		028	500 1008	CG
SA	0153	250 - BKN	20			244	53	50	13	05		029		CG
SA	0253	250 SCT	20			246	51	50	35	03		029	.	CG
SA	0350	250 SCT	20			249	51	50	00	00		030	207 1008 50 20048	CH
													RADAT 76109	
SA	0450	250 SCT	20			253	52	49	04	05		032		CH
SA	0550	250 SCT	20			263	48	47	00	00		034	. .	CH
SA	0650	250 SCT	20			266	50	49	00	00		035	214 1008	CH
SA	0750	E250 BKN	20			268	55	50	06	06		036		CH
SA	0850	250 - BKN	20			269	56	49	04	08		036	. .	CH
SA	0950	250 - BKN	20			265	61	48	04	10		036	103 1008 48	CH
SA	1050	250 - BKN	20			256	64	49	09	07		034		CH
SA	1150	250 - BKN	20			248	67	48	13	08		032	. .	CH
SA	1250	250 - BKN	20			236	68	46	13	08		028	724 1108	CH
SA	1350	250 - BKN	20			231	69	45	13	08		027		CH
SA	1450	250 - BKN	20			231	70	45	15	07		027		CH
SA	1553	250 - BKN	20			225	68	45	11	07		025	810 1008 70	JP
							66	46					RADAT 20125	
SA	1652	250 - BKN	20			225	66	46	13	05		025		JP
SA	1753	250 - BKN	20			234	62	49	12	03		026		JP
SA	1855	250 - BKN	20			235	58	50	35	07		026	103 1008	JP
SA	1957	250 - SCT	20			240	57	51	09	03		028		JP
SA	2053	250 - SCT	20			240	55	51	07	05		028		JP
SA	2154	CLR	20			235	55	49	08	03		027	003 70	JP
SA	2253	CLR	20			234	53	48	03	05		027		JP
SA	2352	CLR	20			231	56	47	03	03		027		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, NV

DATE: OCT 25 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3 HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.850			86	8	8	CS	250												4	5	.000			00-01
01 53	26.860			90	8															4					01-02
02 53	26.860			96	4															3					02-03
03 50	26.870			96	3	3	CS	250												3	2	.020			03-04
04 50	26.880			90	2															2					04-05
05 50	26.900			96	2															2					05-06
06 50	26.910			96	3	3	CS	250												3	2	.040			06-07
07 50	26.920			84	7															6					07-08
08 50	26.920			78	7															3					08-09
09 50	26.920			62	7	7	CS	250												3	1	.010			09-10
10 50	26.900			58	7															3					10-11
11 50	26.880			51	6															2					11-12
12 50	26.850			45	6	0	CU	70	6	CS	250	6								3	7	.070			12-13
13 50	26.840			42	6															2					13-14
14 50	26.840			41	6															2					14-15
15 53	26.830			44	6	6	CS	250												2	8	.030			15-16
16 52	26.830			49	6															1					16-17
17 53	26.830			63	6															1					17-18
18 55	26.830			75	6	6	CS	250												1	1	.010			18-19
19 57	26.850			80	5															1					19-20
20 53	26.850			87	4															1					20-21
21 54	26.840			80	0															0	0	.010			21-22
22 53	26.840			83	0															0					22-23
23 52	26.840			72	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		54	50										
	0348	1	0	0	0	55	50		2								
	0948	2	0	0	0	61	48		2								
	1553	3	0	0	0	70	61		0								
	2152	4	0	0	0	69	54		0								
	MID.		0	0	0	56	53										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.870	26.920	26.890	26.840
BAROGRAPH 64	26.870	26.920	26.840	26.850
BAR. CORR. 65	0	0	-050	-010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMELTED (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
70	48	0	0	0	*10	NE	0950					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0600 SUNSET 1656

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: 1050P/1735P/

0350/1450 // ~~1146~~ 5/3 1652

GUST RECORDER OTS 0553P

* TAKEN FROM COL 10

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: 26 OCT 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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Hg.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SA	0056	CLR	20			224	55	47	04	07		025	807	JP
SA	0155	CLR	20			224	54	48	08	06		025		JP
SA	0257	CLR	20			224	53	47	08	06		025		JP
SA	0350	CLR	20			227	55	47	05	10		026	303 52 RADAT 49134	CH
SA	0450	CLR	20			232	55	45	04	10		027		CH
SA	0550	CLR	20			237	56	44	05	10		028		CH
SA	0650	250 SCT	20			239	58	44	05	10		028	107 1008	CH
SA	0750	250 SCT	20			245	61	43	03	12		030		CH
SA	0850	250 SCT	20			240	64	44	03	10		029		CH
SA	0950	250 SCT	20			236	67	43	02	08		028	000 1008 52	CH
SA	1050	250 SCT	20			230	70	43	05	08		027		CH
SA	1150	250 SCT	20			220	73	41	13	10		025		CH
SA	1250	250-SCT	20			211	75	39	12	06		023	817 1008	CH
SA	1350	250-SCT	20			205	75	36	12	12		020		CH
SA	1451	250-SCT	20			201	75	34	11	11		019		Dca
SA	1552	E250 BKN	20			197	73	34	12	08		018	614 1001 76	Dca
													RADAT 33135	
SA	1652	250-BKN	20			199	69	40	11	07		018		Dca
SA	1753	250 -BKN	20			205	65	42	11	07		019		JP
SA	1854	250 - BKN	20			205	65	40	09	06		019	103 1008	JP
SA	1955	250-SCT	20			208	60	43	01	04		020		Dca
SA	2055	250 SCT	20			206	61	41	35	05		020		Dca
SA	2157	120 SCT 250-BKN	20			208	62	39	27	05		022	207 1078 76	JP
SA	2253	120 SCT E250 OVC	20			204	61	41	12	04		020		JP
SA	2350	120 SCT E250 OVC	20			201	63	40	07	06		020		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 R[illegible]

DATE: 26 OCT 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	26.820			75	0															0	8	.020			00-01
01 55	26.820			80	0															0					01-02
02 57	26.820			80	0															0					02-03
03 50	26.836			74	0															0	3	.010			03-04
04 50	26.840			69	0															0					04-05
05 50	26.850			64	0															0					05-06
06 50	26.850			60	1	1	CS	250												1	1	.020			06-07
07 50	26.870			52	1															1					07-08
08 50	26.860			48	1															1					08-09
09 50	26.850			42	1	1	CS	250												1	0	.000			09-10
10 50	26.840			38	1															1					10-11
11 50	26.820			32	1															1					11-12
12 50	26.800			27	1	1	CS	250												0	8	.050			12-13
13 50	26.780			24	3															0					13-14
14 51	26.770			22	5															2					14-15
15 52	26.760			24	9	9	Ci	E250												6	6	.040			15-16
16 52	26.760			35	7															3					16-17
17 53	26.770			43	9															4					17-18
18 54	26.770			40	6	6	CS	250												2	1	.010			18-19
19 55	26.780			53	3															1					19-20
20 55	26.780			48	1															1					20-21
21 57	26.790			43	6	1	Ac	120	5	CS	250	6								2	2	.020			21-22
22 53	26.780			48	10															8					22-23
23 50	26.780			43	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 0348		0	0		56	52										
	0348	1	0	0	0	56	52		0								
	0948	2	0	0	0	67*	54*		0								
	1548	3	0	0	0	76*	67*		0								
	2155	4	0	0	0	73	60		0								
	MID.		0	0	0	63	61										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.830	26.850	26.760	26.790
BAROGRAPH 64	26.830	26.860	26.775	26.790
BAR. CORR. 65	0	-.010	-.015	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 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 GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
76	52	0	0	0	12*	SE	1350✓					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0601P SUNSET 1655P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040P / 1735P /

CUST RECORDER OTS CONT

✓ LAST OF SEVERAL OCCURRENCES

* TAKEN FROM COL 10

MF 1-10A (5-83)

U.S. D NATIONAL OCEANIC AND ATMO. NATIO

JMMERCE NISTRATION THER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT [illegible]

DATE: 27 OCT 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)	OBSERVER'S INITIALS (15)
SA	0053	120 SCT E250 OVC	20			205	59	43	04	07		022	500 1078	JP
SA	0154	E250 OVC	20			200	63	38	04	14		020		JP
SA	0253	120 SCT E250 OVC	20			188	64	39	02	06		017	. .	JP
SA	0350	120 SCT E 250 OVC	20			190	62	41	00	00		017	614 1078 59 RADAT 70133	CH
SA	0450	120 SCT E250 OVC	20			200	61	39	13	05		019		CH
SA	0550	120 SCT E250 OVC	20			206	60	39	07	08		020		CH
SA	0650	120 SCT E250 OVC	20			210	61	40	05	09		022	214 1078	CH
SA	0750	120 SCT E250 OVC	20			214	65	40	06	07		023		CH
SA	0850	120 SCT E250 OVC	20			216	67	38	03	12		024		CH
SA	0950	120 SCT E250 OVC	20			212	68	38	03	10		023	003 1037 59	CH
SA	1050	E120 BKN 250 OVC	20			208	68	40	04	07		022	RB03E38	CH
SA	1150	E120 BKN 250 OVC	20			190	71	40	06	04		017		CH
SA	1250	120 SCT E250 OVC	20			177	73	37	11	08		013	830001037	CH
SA	1350	120 SCT E250 OVC	20			170	75	34	10	10		012		CH
SA	1452	120 SCT 250-OVC	20			158	76	33	09	14		008		DCa
SA	1554	E120 BKN 250 OVC	20			162	74	35	11	09		009	61000 1037 77	DCa
		~~E100 BKN 250 OVC~~	20				71	37					RADAT 90130	
SA	1654	E100 BKN 250 OVC	20		164	170	71	39	13	05		009		DCa
SA	1755	E100 BKN 250 OVC	20			167	67	41	17	06		009	.	DCa
SA	1854	E90 OVC	20			174	67	42	09	07		012	307 1031	DCa
SA	1954	E85 OVC	20			172	66	42	09	07		012		DCa
SA	2054	M75 OVC	10		RW-	186	64	46	36	06		016	RB45 PRT OCNL VRY LGT	DCa
SA	2154	M75 OVC	20			180	65	44	03	06		014	*00700 1031 77* ~~RE~~	DCa
													*RE05	
SA	2253	E85 BKN 250 OVC	20			178	62	48	03	04		013		JP
SA	2355	90 SCT E250 OVC	20			175	63	46	00	00		013		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 $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: 27 OCT 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.790			55	10	2	AC	120	8	CS	E250	10								9	5	000			00-01
01 54	26.780			40	10															10					01-02
02 53	26.750			40	10															10					02-03
03 50	26.750			46	10	3	AC	120	7	CS	E250	10								10	6	.040			03-04
04 50	26.770			44	10															8					04-05
05 50	26.780			46	10															8					05-06
06 50	26.790			46	10	3	AC	120	7	CS	E250	10								7	2	.040			06-07
07 50	26.800			40	10															8					07-08
08 50	26.810			35	10															9					08-09
09 50	26.800			33	10	3	AC	120	10	CS	E250	10								10	0	.010			09-10
10 50	26.790			36	10															10					10-11
11 50	26.750			32	10															10					11-12
12 50	26.710			27	10	2	AC	120	10	CS	E250	10								10	8	.090			12-13
13 50	26.700			22	10															8					13-14
14 52	26.670			21	10															5					14-15
15 54	26.680			24	10	6	AC	E120	10	CS	250	10								9	6	.030			15-16
16 54	26.680			31	10															9					16-17
17 55	26.680			39	10															8					17-18
18 54	26.700			40	10	10	AC	E90												9	3	.020			18-19
19 54	26.700			42	10															10					19-20
20 54	26.735			52	10															10					20-21
21 54	26.720			47	10	10	AC	M75												10	0	.020			21-22
22 53	26.710			60	10															9					22-23
23 55	26.710			54	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 0348	X	0	0	X	64	59	X	X						X		
	0348	1	0	0	0	64	59		0								
	0948	2	0	0	0	68	59		0								
	1549	3	T	0	0	77	68		0								
	2148	4	T	0	0	74	64		0								
	MID.	X	0	0	0	65	61	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.750	26.800	26.680	26.720
BAROGRAPH 64	26.760	26.800	26.700	26.735
BAR. CORR. 65	-.010	0	-.020	-.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
77	59	T	0	0	16	E	1430					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1003	1038			
RW-	2045	2105			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0602P SUNSET 1654P

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1040P/1556P /

GUST RECORDER OTS CONT

GUST RECORDER BACK IN SERVICE 1330P

* 1654/1654

* 2154/2154

/ LAST OF SEVERAL OCCURRENCES –

☆ 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 [illegible] NEVADA

DATE 28 OCT 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 GUSTS (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0055	E90 BKN 250 OVC	20			171	61	46	00	00		012	707 1078	JP
SA	0154	E90 BKN 250 OVC	20			171	60	49	04	04		012		JP
SA	0252	90 SCT E250 BKN	20			167	59	48	14	05		011		JP
SA	0350	90 SCT E250 BKN	20			173	57	48	06	05		012	500 1078 57 RADAT 68134	CH
SA	0450	90 SCT E250 BKN	20			175	57	48	00	00		012		CH
SA	0550	90 SCT E250 BKN	20			178	55	47	04	04		012		CH
SA	0650	90 SCT E250 BKN	20			181	57	47	01	04		013	303 1078	CH
SA	0750	90 SCT E250 BKN	20			180	66	44	00	00		014		CH
SA	0850	90 SCT E250 BKN	20			180	68	47	26	04		014		CH
SA	0950	90 SCT E250 BKN	20			178	71	45	27	05		014	103 1078 54	CH
SA	1050	90 SCT E240 BKN	20			174	76	42	00	00		013		CH
SA	1150	90 SCT E240 BKN	20			162	76	45	21	05		009		CH
SA	1250	90 SCT E250 BKN	20			155	76	45	23	14		007	820 1078	CH
SA	1350	80 SCT E250 OVC	20			153	74	47	24	12		006		CH
SA	1453	60 SCT E80 BKN 250 OVC	20		RW-	155	73	47	24	14		005	RB45	DCO
SA	1554	E60 BKN 80 BKN 250 OVC	20			149	72	46	23	10		005	RE03/ 60800 1578 78	MR
SA	1653	60 SCT E80 BKN 250 BKN	20			144	71	48	23	06		003	RADAT 93117	DCO
SA	1757	60 SCT 80 SCT E250 BKN	20			153	68	49	24	05		005		DCO
SA	1852	80 SCT 250 SCT	20			154	62	51	07	07		005	500 1031	DCO
SA	1952	250 SCT	20			144	61	51	05	07		003		DCO
SA	2052	M65 BKN	20			143	61	52	35	03		003		DCO
SA	2152	M60 OVC	10		RW-	151	60	53	26	04		005	RB47 / 30200 1511 78	DCO
SA	2254	M65 OVC	20			146	61	56	03	07		005	RE22	MR
SA	2354	M65 OVC	20			144	61	56	00	00		004	RB19 E40	MR

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ 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: 28 OCT 1987

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.700			58	10	7	AC	E90	3	CS	250	10								10	7	0.030			00-01
01 54	26.700			67	10															9					01-02
02 52	26.690			67	8															7					02-03
03 50	26.700			72	8	3	AC	90	5	CS	E250	8								8	5	.000			03-04
04 50	26.700			72	8															8					04-05
05 50	26.700			74	8															8					05-06
06 50	26.710			69	7	4	AC	90	3	CS	E250	7								5	3	.010			06-07
07 50	26.720			45	7															5					07-08
08 50	26.720			47	7															5					08-09
09 50	26.720			40	7	3	AC	90	4	CS	E250	7								5	1	.010			09-10
10 50	26.710			30	8															5					10-11
11 50	26.680			33	8															5					11-12
12 50	26.660			33	9	3	AC	90	6	CS	E250	9								7	8	.060			12-13
13 50	26.650			39	10															9					13-14
14 53	26.640			40	10															10					14-15
15 54	26.635			40	10	8	SC	E60	1	AC	80	9	1	CS	250	10				10	6	.025			15-16
16 53	26.620			44	8															8					16-17
17 57	26.635			51	6															6					17-18
18 52	26.635			68	2	1	AC	80	1	CI	250	2								2	5	.000			18-19
19 52	26.620			70	1															1					19-20
20 52	26.620			72	6															6					20-21
21 52	26.640			77	10	10	SC	M60												10	3	.005			21-22
22 54	26.635			83	10															10					22-23
23 54	26.630			83	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		64	57										
	0348	1	0	0	0	65	57		0								
	0948	2	0	0	0	71	54		0								
	1547	3	T	0	0	78	70		0								
	2149	4	T	0	0	72	60		0								
	MID.		.01	0	0	61	59										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.720	26.635	26.640
BAROGRAPH 64	26.700	26.720	26.650	26.635
BAR. CORR. 65	0	0	+.015	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 4 AM 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
78	54	.01	0	0	19	SW	1216					8	8		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1445	1503			
RW-	2147	2222			
RW-	2319	2340			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0603P SUNSET 1653P

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: 1040P / 1655 /

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: 29 OCT 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 (Hundreds) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REPORTS AVAILABLE (15)
SA	0054	M60 OVC	20			136	61	56	35	07		002	81001 1511	MR
SA	0154	60 SCT E90 OVC	20			130	62	54	29	09		001		MR
SA	0254	45 SCT M65 OVC	20			130	62	52	20	17G22		000		MR
SA	0353	45 SCT M65 OVC	20			130	61	53	20	13		000	60701 1511 61 20001	SH
	—		—			—						—	RADAT 94104	—
SA	0450	35 SCT M45 OVC	20		RW-	132	57	54	24	10		000	RB21	SH
SA	0544	35 SCT M55 OVC	20			134	58	55	18	09		000	RE12	SH
SA	0651	35 SCT E60 BKN	20			141	57	53	24	08		001	30303 1500	SH
SA	0749	25 SCT E60 BKN 200 OVC	20			145	58	52	23	10		002		SH
SA	0850	25 SCT E60 BKN 200 OVC	20			147	62	50	20	15		003		SH
SA	0954	30 SCT E60 BKN 200 OVC	20			148	62	50	23	14		003	10708 1208 57	SH
SA	1050	40 SCT E110 BKN 2000 OVC	20			147	62	47	22	16		003		SH
SA	1150	40 SCT E110 BKN 200 OVC	20			137	63	48	22	10		001		SH
SA	1253	40 SCT E110 BKN 200 BKN	20			121	66	45	21	16	G32	996	820 1278	SH
SA	1350	50 SCT E200 BKN	20			119	65	44	20	14		996	CB DSNT NE THRU SE	SH
SA	1450	50 SCT 200 SCT	20			117	65	42	21	16	G24	995	CB DSNT E	SH
SA	1553	50 SCT E75 ~~BKN~~ 120 BKN 200 BKN	20			115	65	42	23	16	G20	994	TCU SE 607 1831 66	MR
													RADAT 93094	
SA	1650	50 SCT 80 SCT 200 SCT	20			120	62	41	21	15		995		MR
SA	1756	CLR	20			129	59	42	23	06		997	FEW SC AC	MR
SA	1858	CLR	20			132	58	42	02	06		997	210 1530	MR
SA	1952	120 SCT 200 SCT	20			141	55	45	01	06		000		MR
SA	2053	120 SCT 200 SCT	20			142	53	46	02	05		001		MR
SA	2154	100 SCT	20			149	53	46	05	08		003	215 1050 66	MR
SA	2255	E90 BKN	20			150	54	48	04	07		003		MR
SA	2357	250 - SCT	20			152	52	46	35	06		003	FEW AC	MR

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

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

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

☆ U.S.GPO:1984-0-764-006/6085

MF1-10B (4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 29 OCT 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	26.610			86	10	10	SC	M60												10	8	.030			00-01
01 54	26.595			76	10															10					01-02
02 54	26.590			70	10															10					02-03
03 53	26590			74	10	3	SC	45	7	SC	M65	10								10	6	.020			03-04
04 50	26590			92	10															10					04-05
05 47	26590			90	10															10					05-06
06 51	26600			87	6	2	CUFRA	35	4	SC	E60	6								6	3	.010			06-07
07 49	26610			81	10															8					07-08
08 50	26620			66	10															7					08-09
09 54	26620			64	10	3	CUFRA	30	3	CU	E60	6	4	CS	200	10				7	1	.020			09-10
10 50	26620			59	10															10					10-11
11 50	26545			57	10															7					11-12
12 53	26560			47	7	4	CU	40	2	AC	E110	6	1	CS	200	1				6	8	.060			12-13
13 51	26555			47	6															5					13-14
14 50	26550			44	5															5					14-15
15 53	26.540			43	8	3	CU	50	3	SC	E75	6	0	AC	120	6	2	CI	200	7	6	.020			15-16
16 50	26.545			46	1															1					16-17
17 56	26.565			53	0															0					17-18
18 58	26.570			55	0	0	SC	50	0	AC	120	0								0	2	.030			18-19
19 52	26.580			71	3															3					19-20
20 53	26.595			77	3															3					20-21
21 54	26.615			77	5	5	AC	100												4	2	.045			21-22
22 55	26.620			80	7															7					22-23
23 57	26.620			81	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		64	61										
	0349	1	.01	0	0	64	61		0								
	0950	2	.08	0	0	63	57		1								
	1550	3	0	0	0	66	61		1								
	2150	4	0	0	0	65	53		1								
	MID.		0	0	0	54	51										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0952	1552	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26590	26620	26.540	26.615
BAROGRAPH 64	26600	26623	26.550	26.615
BAR. CORR. 65	-.010	50	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 4 AM 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	51	.08	0	0	32	SW	1243					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0421	0436			
RW	0436	0447			
RW	0447	0512			

98. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0604P SUNSET 1652P

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: 1035P/1956P/

0353/0353

1553/1553

BAROGRAM CHANGED 0955 P

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 [illegible], DESERT ROCK NEVADA

DATE 30 OCT 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 (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER INITIALS (15)
SA	0051	CLR	20			153	50	46	04	07		004	203	MR
SA	0150	CLR	20			153	50	46	05	07		004		MR
SA	0255	CLR	20			153	48	45	11	04		003		MR
SA	0352	CLR	20			157	47	45	00	00		004	302 47 20008	SH
	—		—			—						—	RADAT 69101	—
SA	0450	CLR	20			167	46	45	13	04		006		SH
SA	0550	CLR	20			173	45	44	05	03		007	FEW CI	SH
SA	0652	250 SCT	20			179	48	46	11	02		009	217 1008	SH
SA	0750	250 SCT	20			182	52	46	00	00		011		SH
SA	0850	250 SCT	20			178	58	46	22	03		011		SH
SA	0953	250 -SCT	20			174	63	45	23	04		009	000 1008 44	SH
SA	1051	250 -SCT	20			168	65	44	18	02		008	FEW CU	SH
SA	1151	250 -BKN	20			160	67	43	31	06		006	FEW CU	SH
SA	1253	250 SCT	20			151	67	45	22	05		004	FEW CU / 819 1103	SH
SA	1350	250 -BKN	20			146	68	43	21	06		002	FEW CU	SH
SA	1450	60 SCT E 250 BKN	20			151	67	44	22	12		003		SH
SA	1553	50 SCT 250 - SCT	20			149	67	43	26	09		002	605 1401 69 RADAT 60102	MR
SA	1652	250 - BKN	20			150	63	43	25	03		002	FEW SC AC	MR
SA	1756	250 -OVC	20			154	59	47	11	06		002		MR
SA	1853	250 - SCT	20			153	58	45	10	03		002	400 1008	MR
SA	1953	250 -BKN	20			153	54	47	30	02		002		MR
SA	2053	250 -OVC	20			148	55	46	16	02		002		MR
SA	2155	250 -OVC	20			142	53	47	36	04		003	302 1007 69	MR
SA	2253	250 -OVC	20			139	55	45	12	06		001		MR
SA	2353	250 -OVC	20			142	52	46	07	04		001		MR

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

FM12-VII: 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: WMO, DESERT ROCK NEVADA

DATE: 30 OCT 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	26.625			85	0															0	2	.010			00-01
01 50	26.625			86	0															0					01-02
02 55	26.620			89	0															0					02-03
03 52	26.630			94	0															0	3	.005			03-04
04 50	26.650			97	0															0					04-05
05 50	26.660			97	0															0					05-06
06 52	26.680			93	1	1	CS	250												1	2	.050			06-07
07 50	26.690			79	1															1					07-08
08 50	26.685			64	1															1					08-09
09 53	26.680			52	3	3	CS	250												1	0	.000			09-10
10 51	26.670			46	5															1					10-11
11 51	26.650			42	6															1					11-12
12 53	26.625			44	3	0	CU	60	3	CS	250	3								2	8	.055			12-13
13 50	26.610			41	8															4					13-14
14 50	26.620			43	6															4					14-15
15 53	26.610			42	2	1	SC	50	1	CI	250	2								1	6	.015			15-16
16 52	26.610			48	7															2					16-17
17 56	26.610			64	10															3					17-18
18 53	26.610			62	5	5	CS	250												1	4	.000			18-19
19 53	26.610			77	8															2					19-20
20 53	26.610			71	10															2					20-21
21 55	26.615			78	10	10	CS	250												4	3	.005			21-22
22 53	26.595			71	10															3					22-23
23 53	26.600			81	10															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	52	47	X	X						X		
	0349	1	0	0	0	54	47		1								
	0950	2	0	0	0	63	44		0								
	1550	3	0	0	0	69	62		0								
	2152	4	0	0	0	67	53		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1552	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.634	26.640	26.610	26.615
BAROGRAPH 64	26.634	26.640	26.620	26.615
BAR. CORR. 65	[illegible]	[illegible]	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 4 AM 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	44	0	0	0	14	SW	1431					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 0605P SUNSET 1650P

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: 1034 1P / 2002P /

✓ LAST OF SEVERAL OCCURENCES

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: 31 OCT 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	250 -OVC	20			146	51	46	04	04		002	502 1007	MR
SA	0156	E250 OVC	20			137	51	47	05	05		000		MR
SA	0253	E250 OVC	20			132	53	46	06	04		998		MR
SA	0354	160 SCT E250 OVC	20			129	53	47	11	06		997	614 1077 51	SH
	—		—			—						—	RADAT 43103	—
SA	0449	160 SCT E250 OVC	20			131	54	44	10	12		997		SH
SA	0554	E160 BKN 250 OVC	20			130	53	46	01	04		996		SH
SA	0652	140 SCT E160 OVC	20			134	54	46	36	04		997	500 1071	SH
SA	0749	E140 OVC	20			139	56	45	11	07		997	FEW SC	SH
SA	0849	60 SCT E120 OVC	20			134	57	45	13	03		997		SH
SA	0956	60 SCT E120 OVC	20			128	59	49	11	10		996	RWY 30 SE/ 803 1571 51	SH
SA	1053	M55 BKN 110 OVC	20		Rw-	126	58	49	08	12		995	RB20	SH
SA	1150	M55 BKN 110 OVC	20		Rw-	120	58	49	14	06		993	[illegible]	SH
SA	1250	30 SCT M55 BKN 110 OVC	20			112	58	50	06	06		991	RE24 / 81702 1571	SH
SA	1348	25 SCT M48 BKN 100 OVC	20			105	59	45	07	12		988	MTN TOPS OBSCURED	SH
SA	1450	20 SCT M36 BKN 80 OVC	10		Rw-	107	59	46	08	10		990	RB42 MTN TOPS OBSCURED	SH
SP	1543	16 SCT M28 OVC	7		R-				26	03		988	MTN TOPS OBSCURED	MR
SA	1553	16 SCT M29 BKN 80 OVC	10		R-	110	54	52	26	05		990	50302 152/ 61 RADAT	MR
													94112	
SA	1653	M26 BKN 80 OVC	7		R-	106	54	52	03	09		988		MR
SA	1753	M24 BKN 41 OVC	7		R-	113	54	52	05	06		991		MR
SA	1855	M23 OVC	10		R-	109	53	52	05	11		990	CIG RGD 00010 1711	MR
SP	1935	M9 BKN 230VC	10		R—				06	04		991		MR
SP	1943	9 SCT M14 OVC	10		R-				04	07		991		MR
SA	1953	9 SCT M14 OVC	7		R-	108	53	52	04	09		990		MR
SP	2025	9 SCT M18 OVC	7		R-				03	03		991	CIG RGD	MR
SA	2053	8 SCT M18 OVC	7		R-	113	52	52	00	00		991	CIG RGD	MR
SP	2111	M10 BKN 18 OVC	7		R-				13	03		992	CIG RGD	MR
SP	2147	M15 OVC	10						08	03		992	RE44	MR
SA	2155	M15 OVC	10			111	53	52	06	04		992	RE44 30524 1711 61	MR
SP	2222	M11 BKN 20 OVC	7		R-				06	05		992	RB19 CIG RGD	MR
SP	2246	8 SCT M16 OVC	10		R-				35	04		991	CIG RGD	MR
SA	2253	8 SCT M15 OVC	10		R-	112	53	53	03	02		991	CIG RGD TCPN VRY LGT *RB19	MR
SA	2354	M15 BKN 55 OVC	20			111	53	53	03	02		991	RE13	MR

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

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

SUPERSEDES MF 1-10 A (1-62) 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: 31 OCT 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	26.610			82	10	10	CS	250												3	5	.005			00-01
01 56	26.590			84	10															9					01-02
02 53	26.575			76	10															6					02-03
03 54	26.570			81	10	3	AC	160	7	CS	E250	10								10	6	.040			03-04
04 49	26.570			69	10															10					04-05
05 54	26.560			78	10															10					05-06
06 52	26.570			75	10	3	AC	140	7	AC	E160	10								10	5	.000			06-07
07 49	26.580			66	10															10					07-08
08 49	26.570			64	10															10					08-09
09 56	26.560			63	10	4	SC	60	6	AC	E120	10								10	8	.010			09-10
10 50	26.550			71	10															10					10-11
11 50	26.530			73	10															10					11-12
12 52	26.510			75	10	1	CUFRA	30	7	SC	M55	8	2	AC	110	10				10	8	.050			12-13
13 48	26.440			59	10															10					13-14
14 50	26.500			64	10															10					14-15
15 53	26.500			82	10	1	CUFRA	16	8	SC	M29	8	2	NS	80	10				10	5	.010			15-16
16 53	26.490			82	10															10					16-17
17 53	26.510			82	10															10					17-18
18 55	26.500			96	10	10	CUFRA	M23												10	5	.000			18-19
19 53	26.500			98	10															10					19-20
20 53	26.510			100	10															10					20-21
21 55	26.515			97	10	10	CUFRA	M15												10	3	.015			21-22
22 53	26.510			98	10															10					22-23
23 54	26.510			98	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	54	51	X	X						X		
	0350	1	0	0	0	55	51		0								
	0953	2	0	0	0	60	52		0								
	1550	3	.02	0	0	61	54		2								
	2150	4	.24	0	0	54	52		2								
	MID.	X	.01	0	0	53	53	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0954	1552	2154
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.560	26.500	26.515
BAROGRAPH 64	26.570	26.560	26.495	26.510
BAR. CORR. 65	+0	+0	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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
61	51	.27	0	0	22	NE	1315					10	10		

4 AM

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1020	1204			
RW-	1442	1530			
R-	1530	[illegible]			
R	2214	2313			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0606P SUNSET 1649P

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: 1038P/1639P /

2253/RB/2306

1855/APP 50010/1405 11/1/87

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

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