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, NV

MONTH: November

YEAR: 1982

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 0400	WIND AVERAGE SPEED ~~(mph)~~ (knots)	FASTEST MILE ~~(or peak)~~ SPEED ~~(m.p.h.)~~ (knots)	DIRECTION	SUNSHINE ~~TOTAL (Min.)~~ Ave. Stn. Pressure	~~PERCENT OF POSSIBLE~~	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	67	40	54		11					6.5	18	NE	26.6	96	1		72	40	22	29
2	60	43	52		13					13.5	26	NE	26.8	46	0		39	26	18	31
3	62	39	51		14					8.8	18	SE	26.8	73	0		33	19	13	27
4	69	34	52		13					4.0	10	E	26.7	41	1		43	21	11	31
5	69	34	52		13					4.2	7	E	26.6	83	2		40	13	10	27
6	66	33	50		15					5.0	13	SE	26.5	83	9		45	18	12	32
7	62	36	49		16					7.0	24	SW	26.4	41	8		40	22	16	20
8	61	49	55		10					12.6	29	SW	26.3	45	10		22	25	33	45
9	56	40	48		17		.42			11.5	31	S	26.4	41	6	R, RW	35	27	51	70
10	47	35	41		24		.21	T		6.6	19	SW	26.5	15	10	R, RW, SP	65	84	63	88
11	52	31	42		23					6.1	16	NW	26.7	73	1		87	61	38	58
12	54	35	45		20					8.8	20	E	26.8	08	9		61	46	32	52
13	58	31	45		20					6.2	21	N	26.7	10	7		81	50	31	45
14	55	37	46		19					10.3	19	E	26.8	33	0		43	30	24	56
15	56	35	46		19					6.3	16	NE	26.6	85	9		41	27	25	48
16	53	36	45		20					4.3	14	SE	26.5	40	10		62	58	29	64
17	59	32	46		19					4.3	10	N	26.4	55	0		63	40	23	61
18	60	32	46		19					11.2	36	S	26.3	79	9		77	47	44	55
19	61	42	52		13					11.5	37	S	26.4	40	3		58	37	33	54
20	55	37	46		19					4.6	17	SW	26.5	98	4		73	51	48	69
21	54	33	44		21					3.2	16	SW	26.6	50	7		81	58	42	71
22	50	35	43		22		.02			5.3	15	N	26.6	21	10	R	79	52	47	84
23	51	41	46		19		T			7.8	15	E	26.6	54	10	R, RW	81	62	45	55
24	56	39	48		17					8.5	17	E	26.6	69	4		52	40	35	60
25	60	36	48		17					9.0	20	N	26.7	31	0		64	42	32	47
26	59	38	49		16					10.0	24	N	26.7	58	3		33	25	14	28
27	60	32	46		19					6.0	14	SW	26.6	70	6		54	28	25	46
28	57	34	46		19					6.0	26	S	26.5	30	5		64	36	38	51
29	61	39	50		15					9.8	30	S	26.3	75	6		64	48	40	46
30	52	40	46		19		.25			18.8	45	S	25.9	68	8	RW	82	71	47	52
31																				
SUM	1742	1098	—	—	521	0	.90	T	—	237.7	—	—	798.0	H	158	—	1734	1204	941	1502
AVG	58.1	36.6	—	—	—	—	—	—	—	7.9	FASTEST	DIRECTION	POSSIBLE	#	5.3	—	57.8	40.1	31.4	50.1
										MISC. →	45	S	26.6	54 00		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 47.3

DEPARTURE FROM NORMAL —

HIGHEST 69 ON 4, 5

LOWEST 31 ON 11, 13

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 0

MIN. 32° OR BELOW 5

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 521

DEPARTURE FROM NORMAL —

SEASONAL TOTAL ~~572~~ 731

DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 1769

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .90 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily .42 ON 9

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH T IN.

GREATEST ~~IN 24 HRS.~~ Daily T ON 10

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 11

PARTLY CLOUDY (Scale 4–7) 8

CLOUDY (Scale 8–10) 11

WITH 0.01 INCH OR MORE PRECIP. 4

WITH 0.10 INCH OR MORE PRECIP. 3

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN
RW = RAINSHOWER
SP = SNOW PELLETS

MAXIMUM PRECIPITATION

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

Station Pressure

HIGHEST ~~SEA LEVEL~~ 26.940 IN. ON 3

LOWEST ~~SEA LEVEL~~ 25.840 IN. ON 30

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

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 1

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	0045	250 - BKN	20			193	47	37	10	04		014	400 1001	JK
SA	0147	250 SCT	20			193	47	37	02	03		014		JK
SA	0246	CLR	20			190	44	36	06	05		013	CI 5E	JK
SA	0350	CLR	20			189	43	34	32	03		013	805 1001 42 20001	RD
—			—			—						—	RADAT 22113	—
SA	0447	CLR	20			194	40	35	10	04		013		RD
SA	0550	CLR	20			199	40	35	29	03		014		RD
SA	0647	CLR	20			202	41	36	31	03		015	209 1001	RD
SA	0748	CLR	20			205	48	37	22	04		016		RD
SA	0848	CLR	20			200	55	34	02	08		016		RD
SA	0949	250 -SCT	20			195	57	33	03	09		015	002 1001 40	RD
SA	1048	250 -SCT	20			186	60	30	02	08		014		RD
SA	1147	250 -SCT	20			180	63	29	22	07		011		RD
SA	1249	CLR	20			167	66	29	24	08		008	724 1001	RD
SA	1350	CLR	20			160	66	29	22	07		005		RD
SA	1450	CLR	20			158	67	28	19	06		005		RD
SA	1549	CLR	20			157	67	27	23	03		004	710 1001 67 RADAT 20112	JK
SA	1645	CLR	20			157	64	31	23	02		003		JK
SA	1748	CLR	20			169	55	35	05	09		005		JK
SA	1845	CLR	20			178	56	32	04	10		008	310	JK
SA	1947	CLR	20			182	55	29	05	10		010		JK
SA	2048	CLR	20			185	55	23	03	13		012		JK
SA	2147	CLR	20			193	55	23	04	14		014	220 67	JK
SA	2245	CLR	20			195	52	26	06	10		015		JK
SA	2345	CLR	20			199	51	25	06	03		016		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 1

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 45	26.720	46.5	42.0	70	6	6	Ci	250												2	4	.000			00-01
01 47	26.720	47.0	42.0	68	2															2					01-02
02 46	26.710	43.8	40.0	73	0															0					02-03
03 50	26.705	42.6	38.8	72	0	0	Ci	250												0	8	.015			03-04
04 47	26.710	40.2	37.9	82	0															0					04-05
05 50	26.715	40.0	37.7	82	0															0					05-06
06 47	26.725	40.6	38.2	82	0	0	Ci	250												0	2	.020			06-07
07 48	26.740	48.1	42.6	65	0															0					07-08
08 48	26.735	54.7	44.5	44	0															0					08-09
09 49	26.730	57.0	45.3	40	2	2	Ci	250												0	0	.005			09-10
10 48	26.715	60.1	45.8	32	3															0					10-11
11 47	26.690	63.0	46.3	26	1															0					11-12
12 47	26.660	66.1	48.4	25	0	0	Ci	250												0	7	.070			12-13
13 50	26.640	66.0	48.2	25	0															0					13-14
14 50	26.635	67.4	48.6	23	0															0					14-15
15 49	26.630	67.0	48.0	22	0	0	Ci	250												0	7	.030			15-16
16 45	26.620	63.6	47.6	29	0															0					16-17
17 48	26.640	55.3	45.2	46	0															0					17-18
18 45	26.660	55.9	44.5	40	0															0	3	.030			18-19
19 47	26.680	55.4	43.4	37	0															0					19-20
20 48	26.700	54.5	41.2	29	0															0					20-21
21 47	26.720	54.5	41.2	29	0															0	2	.060			21-22
22 45	26.730	51.9	40.6	36	0															0					22-23
23 45	26.740	51.0	40.0	37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	49	42	X	X						X		
	0342	1	0	0	0	54	42		0								
	0940	2	0	0	0	57	40		0								
	1545	3	0	0	0	67	57		0								
	2144	4	0	0	0	67	54		0								
	MID.	X	0	0	0	55	51	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.730	26.638	26.720
BAROGRAPH 64	26.705	26.733	26.630	26.710
BAR. CORR. 65	0	*0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
67	40	0	0	0	18	NE	2125					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0926 ±1 Sec./ 1800 ±1 Sec./ ± Sec.

*CHANGED MICROBAROGRAPH AT 0948 LST

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK, NV

DATE 1982 NOV 2

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	0045	CLR	20			199	51	25	03	14		017	210	JK
SA	0146	CLR	20			203	50	23	05	15		018	CI SW	JK
SA	0246	CLR	20			207	48	22	06	10		020	CI SW	JK
SA	0349	CLR	20			211	46	23	07	22		020	208 1001 46 RADAT 20094	RD
SA	0447	CLR	20			226	45	23	04	14		024		RD
SA	0549	CLR	20			236	44	22	03	17		025		RD
SA	0645	CLR	20			243	44	22	04	15		027	220 1001	RD
SA	0746	CLR	20			250	48	19	05	18		030		RD
SA	0848	CLR	20			259	50	15	03	20		032		RD
SA	0948	CLR	20			259	53	19	04	21		033	119 1001 43	RD
SA	1048	CLR	20			257	56	18	04	15		032		RD
SA	1148	CLR	20			246	57	16	07	11		030		RD
SA	1247	CLR	20			237	58	14	08	10		027	717 1001	RD
SA	1349	CLR	20			234	60	14	04	10		026		RD
SA	1447	CLR	20			236	60	14	07	17		026		RD
SA	1547	CLR	20			236	59	16	09	12		026	603 60 RADAT 34L081098109	JK
SA	1645	CLR	20			239	57	16	05	10		026		JK
SA	1748	CLR	20			244	54	15	07	12		027		JK
SA	1845	CLR	20			251	53	15	07	10		028	307	JK
SA	1945	CLR	20			252	51	18	06	12		030		JK
SA	2046	CLR	20			259	50	16	06	11		032		JK
SA	2145	CLR	20			263	47	18	07	10		033	314 60	JK
SA	2247	CLR	20			263	45	19	03	07		033		JK
SA	2345	CLR	20			266	45	19	03	10		034		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 2

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 45	26.750	51.0	40.0	37	0															0	2	.030			00-01
01 46	26.760	49.9	38.7	34	0															0					01-02
02 46	26.770	48.2	37.7	36	0															0					02-03
03 49	26.775	46.4	36.9	39	0	0	Ci	250												0	2	.025			03-04
04 47	26.805	44.8	36.0	41	0															0					04-05
05 47	26.820	44.1	35.5	42	0															0					05-06
06 45	26.835	43.8	35.3	42	0	0	Ci	250												0	2	.060			06-07
07 46	26.860	48.0	37.3	35	0															0					07-08
08 48	26.880	49.8	36.9	25	0															0					08-09
09 48	26.890	53.0	39.3	26	0	0	Ci	250												0	1	.055			09-10
10 48	26.885	56.0	40.6	22	0															0					10-11
11 48	26.860	57.4	40.9	19	0															0					11-12
12 47	26.840	57.9	40.9	18	0	0	Ci	250												0	7	.050			12-13
13 49	26.830	60.0	41.8	16	0															0					13-14
14 47	26.830	59.8	41.7	16	0															0					14-15
15 47	26.830	59.3	42.0	18	0															0	6	.010			15-16
16 45	26.830	56.6	40.5	20	0															0					16-17
17 48	26.840	54.2	39.2	21	0															0					17-18
18 45	26.850	52.8	38.5	22	0															0	3	.020			18-19
19 45	26.860	50.6	38.0	28	0															0					19-20
20 46	26.880	49.8	37.1	26	0															0					20-21
21 45	26.890	47.1	36.1	31	0															0	3	.040			21-22
22 47	26.890	45.0	35.0	34	0															0					22-23
23 45	26.900	45.0	35.0	34	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 0343	X	0	0	X	51	46	X	X						X		
	0343	1	0	0	0	55	46		0								
	0941	2	0	0	0	53	43		0								
	1544	3	0	0	0	60	53		0								
	2143	4	0	0	0	59	47		0								
	MID.	X	0	0	0	47	45	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.775	26.890	26.830	26.890
BAROGRAPH 64	26.775	26.885	26.840	26.885
BAR. CORR. 65	0	+.005	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
60	43	0	0	0	26	NE	0352					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0752 ±2 Sec. / 1900 ±1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0045	CLR	20			269	44	17	04	11		035	307	JK
SA	0146	CLR	20			269	42	12	04	14		035		JK
SA	0249	CLR	20			269	44	16	04	11		035		JK
SA	0348	CLR	20			269	44	17	06	14		035	400 41 RADAT 20112	HS
SA	0447	CLR	20			274	43	16	10	06		036		HS
SA	0548	CLR	20			275	43	14	05	04		036		HS
SA	0646	CLR	20			280	41	19	05	09		037	207	HS
SA	0745	CLR	20			284	45	18	06	10		038		HS
SA	0849	CLR	20			281	49	13	03	08		038		HS
SA	0953	CLR	20			278	55	13	12	10		037	000 1001 39	HS
SA	1049	CLR	20			269	57	15	10	11		035		HS
SA	1146	CLR	20			257	59	11	12	09		032		HS
SA	1245	CLR	20			245	61	15	13	15		028	727 1001	HS
SA	1346	CLR	20			241	62	14	13	14		027		HS
SA	1450	CLR	20			237	62	13	13	13		026		HS
SA	1550	CLR	20			234	60	10	12	14		025	710 62 RADAT 20122	WRG
SA	1650	CLR	20			235	57	12	11	10		025		WRG
SA	1750	CLR	20			238	51	17	13	09		025		WRG
SA	1850	CLR	20			247	47	15	33	09		026	303	WRG
SA	1950	CLR	20			246	44	17	02	04		026		WRG
SA	2050	CLR	20			244	44	16	00	00		026		WRG
SA	2145	CLR	20			241	44	12	03	03		026	400 62	WRG
SA	2250	CLR	20			236	43	12	05	05		025		WRG
SA	2350	CLR	20			230	43	12	11	03		024		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 3

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 45	26.910	44.1	34.1	33	0															0	3	.020				00-01
01 46	26.910	42.2	33.1	36	0															0						01-02
02 49	26.910	43.8	33.7	32	0															0						02-03
03 48	26.910	44.0	34.0	33	0															0	4	.000				03-04
04 47	26.920	43.4	33.6	33	0															0						04-05
05 48	26.920	43.3	33.1	31	0															0						05-06
06 46	26.930	40.7	32.7	42	0															0	2	.020				06-07
07 45	26.940	45.3	35.0	33	0															0						07-08
08 49	26.940	49.2	36.0	23	0															0						08-09
09 53	26.930	54.8	39.1	19	0	0	Ci	250												0	0	.000				09-10
10 49	26.910	57.0	40.6	19	0															0						10-11
11 46	26.880	59.2	41.0	15	0															0						11-12
12 45	26.850	60.6	42.3	16	0	0	Ci	250												0	7	.080				12-13
13 46	26.840	62.2	43.0	15	0															0						13-14
14 50	26.830	61.8	42.7	15	0															0						14-15
15 50	26.820	60.3	41.3	13	0															0	7	.030				15-16
16 50	26.820	57.1	40.0	16	0															0						16-17
17 50	26.820	50.6	37.7	26	0															0						17-18
18 50	26.830	47.0	35.3	27	0															0	3	.010				18-19
19 50	26.830	44.3	34.2	33	0															0						19-20
20 50	26.830	43.5	33.5	33	0															0						20-21
21 45	26.830	44.2	33.2	27	0															0	4	.000				21-22
22 50	26.820	42.7	32.3	28	0															0						22-23
23 50	26.810	43.4	32.7	27	0															0						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	45	41	X	X						X		
	0345	1	0	0	0	47	41		0								
	0948	2	0	0	0	55	39		0								
	1546	3	0	0	0	62	55		0								
	2141	4	0	0	0	61	43		0								
	MID.	X	0	0	0	45	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0952	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.910	26.930	26.820	26.830
BAROGRAPH 64	26.900	26.920	26.820	26.825
BAR. CORR. 65	+.010	+.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 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
62	39	0	0	0	18	SE	1237					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0955P ± 1 Sec. 2109 ± 1 Sec. ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1982 NOV 04

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			232	41	15	34	07		024	607	WRC
SA	0150	CLR	20			227	41	11	08	08		023		WRC
SA	0250	CLR	20			232	37	16	31	03		024		WRC
SA	0348	CLR	20			229	39	18	17	02		023	803 37 RADAT 20123	HS
SA	0449	CLR	20			230	36	19	32	03		023		HS
SA	0546	CLR	20			233	35	16	06	05		022		HS
SA	0648	250 - SCT	20			231	37	18	06	02		021	807 1001	HS
SA	0747	250 - SCT	20			229	47	17	34	05		022		HS
SA	0847	250 - SCT	20			227	52	14	06	03		022		HS
SA	0948	CLR	20			222	58	18	32	02		022	002 1001 34	HS
SA	1047	CLR	20			215	62	16	09	04		020		HS
SA	1149	CLR	20			201	65	11	13	06		016		HS
SA	1248	CLR	20			193	67	12	16	03		014	722 1001	HS
SA	1347	250 - SCT	20			185	68	12	28	03		012		HS
SA	1449	250 - SCT	20			180	69	10	13	03		010		HS
SA	1550	250 - SCT	20			180	66	9	12	06		010	614 1001 69 RADAT 20128	WRC
SA	1650	250 - SCT	20			184	60	13	12	06		010		WRC
SA	1750	250 - BKN	20			193	54	14	10	06		011		WRC
SA	1850	250 - BKN	20			194	50	15	12	08		011	103 1008	WRC
SA	1950	250 - BKN	20			192	43	15	00	00		011		WRC
SA	2050	250 - SCT	20			194	43	14	04	05		012		WRC
SA	2145	250 - SCT	20			190	43	15	00	00		012	103 1008 69	WRC
SA	2250	250 - SCT	20			190	40	16	03	03		012		WRC
SA	2350	250 - SCT	20			187	40	13	06	03		012		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 04

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	26.810	41.1	31.8	34	0															0	6	.020			00-01
01 50	26.800	40.9	31.0	30	0															0					01-02
02 50	26.810	37.1	29.9	42	0															0					02-03
03 48	26.800	38.8	31.3	43	0															0	8	.010			03-04
04 49	26.800	36.4	30.0	48	0															0					04-05
05 46	26.790	34.9	28.4	46	0															0					05-06
06 48	26.780	36.9	30.2	46	1	1	Ci	250												0	8	.020			06-07
07 47	26.790	47.2	35.8	29	3															0					07-08
08 47	26.790	51.7	37.6	22	1															0					08-09
09 48	26.785	57.9	41.6	21	0	0	Ci	250												0	0	.005			09-10
10 47	26.770	61.7	43.1	17	0															0					10-11
11 49	26.740	64.6	43.6	12	0															0					11-12
12 48	26.720	66.5	44.7	12	0	0	Ci	250												0	7	.065			12-13
13 47	26.700	68.1	45.5	11	1															0					13-14
14 49	26.680	69.3	45.7	10	1															0					14-15
15 50	26.680	65.6	43.8	11	2	2	Ci	250												1	6	.040			15-16
16 50	26.690	60.2	41.9	16	3															1					16-17
17 50	26.690	54.2	39.0	20	6															3					17-18
18 50	26.690	50.4	37.2	24	6	6	CS	250												3	1	.010			18-19
19 50	26.690	43.4	33.4	32	6															3					19-20
20 50	26.700	43.0	32.6	31	5															2					20-21
21 45	26.700	43.2	33.1	31	5	5	CS	250												2	1	.010			21-22
22 50	26.700	39.7	31.3	38	5															2					22-23
23 50	26.700	40.0	30.8	33	5															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	43	37	X	X						X		
	0343	1	0	0	0	45	37		0								
	0943	2	0	0	0	59	34		0								
	1546	3	0	0	0	69	58		0								
	2141	4	0	0	0	66	42		0								
	MID.	X	0	0	0	43	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.800	26.785	26.680	26.700
BAROGRAPH 64	26.790	26.780	26.675	26.695
BAR. CORR. 65	+.010	+.005	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
69	34	0	0	0	10	E	0155					1	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0450P ± 1 Sec. / 2325 ± 1 Sec. / ± Sec.

SUPERSEDES MF1-10 WHICH MAY BE USED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 05

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	250 -SCT	20			184	37	15	08	04		011	803 1008	WRC
SA	0150	250 SCT	20			182	38	13	13	05		011		WRC
SA	0250	250 -BKN	20			181	38	10	11	04		011		WRC
SA	0350	250 - SCT	20			185	38	16	07	04		011	400 1001 35 RADAT 20121	HS
SA	0447	250 - BKN	20			189	34	19	00	00		011		HS
SA	0547	250 - SCT	20			197	34	17	04	04		012		HS
SA	0647	250 - SCT	20			201	37	14	36	02		013	307 1001	HS
SA	0747	250 - SCT	20			200	46	13	21	03		013		HS
SA	0847	250 - SCT	20			193	52	14	33	04		012		HS
SA	0948	250 - SCT	20			191	60	9	21	06		013	500 1001 34	HS
SA	1047	250 - SCT	20			190	62	9	06	03		012		HS
SA	1148	250 - SCT	20			179	66	8	29	03		010		HS
SA	1250	250 - SCT	20			173	68	7	23	04		008	717 1001	HS
SA	1348	250 - SCT	20			168	68	4	24	06		007		HS
SA	1448	CLR	20			168	69	6	24	07		007		HS
SA	1550	CLR	20			169	66	16	21	07		007	603 1001 69 RADAT 20137	WRC
SA	1650	CLR	20			173	61	4	00	00		007		WRC
SA	1750	CLR	20			184	51	10	09	04		008		WRC
SA	1850	CLR	20			184	48	11	09	07		009	307	WRC
SA	1950	CLR	20			185	45	8	05	03		009		WRC
SA	2050	CLR	20			186	42	12	04	05		010		WRC
SA	2150	CLR	20			182	42	10	09	04		010	103 69	WRC
SA	2250	CLR	20			177	42	11	09	07		009		WRC
SA	2350	CLR	20			172	40	9	05	04		008		WRC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1982 NOV 05

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	26690	36.8	29.4	40	5	5	CS	250												2	8	.010			00-01
01 50	26690	38.2	29.8	35	3															2					01-02
02 50	26690	37.5	28.9	32	6															3					02-03
03 50	26.690	37.7	30.0	40	2	2	Ci	250												0	4	.000			03-04
04 47	26.690	34.3	28.7	52	7															2					04-05
05 47	26.700	33.7	27.9	50	5															0					05-06
06 47	26.710	36.6	29.0	39	1	1	Ci	250												0	3	.020			06-07
07 47	26.710	45.7	34.2	26	1															0					07-08
08 47	26.700	52.4	38.0	21	3															0					08-09
09 48	26.710	60.0	41.0	13	1	1	Ci	250												0	5	.000			09-10
10 47	26.700	62.2	42.1	12	2															0					10-11
11 48	26.680	65.9	43.8	10	4															1					11-12
12 50	26.660	67.6	44.4	9	4	4	Ci	250												1	7	.050			12-13
13 48	26.650	68.0	44.3	8	3															1					13-14
14 48	26.650	68.7	44.8	8	0															0					14-15
15 50	26650	66.3	43.8	10	0	0	Ci	250												0	6	.010			15-16
16 50	26650	61.1	41.0	10	0															0					16-17
17 50	26660	50.6	36.4	19	0															0					17-18
18 50	26670	48.0	35.0	22	0															0	3	.020			18-19
19 50	26670	45.1	33.0	22	0															0					19-20
20 50	26680	42.0	31.8	30	0															0					20-21
21 50	26680	41.7	31.1	27	0															0	1	.010			21-22
22 50	26670	41.6	31.3	28	0															0					22-23
23 50	26.660	39.8	30.0	28	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 0345	X	0	0	X	40	35	X	X						X		
	0345	1	0	0	0	43	35		0								
	0943	2	0	0	0	60	34		0								
	1546	3	0	0	0	69	60		0								
	2146	4	0	0	0	66	42		0								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26650	26680
BAROGRAPH 64	26.695	26.710	26640	26660
BAR. CORR. 65	-.005	±0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
69	34	0	0	0	7*	E	2249					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0950P ✓1 Sec./ 2308 ✓2 Sec./ ± Sec.

* Last of several occurrences

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 06

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			169	37	13	00	00		007	710	WRG
SA	0150	CLR	20			168	37	11	11	03		007		WRG
SA	0250	CLR	20			165	35	11	00	00		005		WRG
SA	0349	CLR	20			166	34	15	13	03		005	603 34 RADAT 20124	HS
SA	0447	250 - SCT	20			162	33	16	15	03		003		HS
SA	0548	250 - BKN	20			171	35	15	33	04		004		HS
SA	0647	250 - BKN	20			173	36	16	00	00		004	503 1001	HS
SA	0748	250 - BKN	20			174	43	15	29	02		005		HS
SA	0848	150 SCT E250 BKN	20			171	50	8	33	03		005		HS
SA	0953	150 SCT 250 - OVC	20			165	56	13	00	00		004	000 1031 33	HS
SA	1047	250 - OVC	20			158	61	11	32	05		003	AC SE	HS
SA	1147	250 - BKN	20			138	64	10	05	03		998	PRESFR	HS
SA	1248	250 - BKN	20			132	65	8	13	06		996	827 1008	HS
SA	1348	250 - BKN	20			124	65	10	13	10		993		HS
SA	1450	250 - BKN	20			121	64	9	13	08		992		HS
SA	1550	160 SCT E250 BKN	20			124	61	8	14	13		992	610 1048 66 RADAT 27119	WRG
SA	1650	160 SCT E250 BKN	20			123	57	11	13	12		991		WRG
SA	1750	160 SCT E250 BKN	20			128	53	13	12	08		992		WRG
SA	1850	250 - BKN	20			128	51	12	12	12		992	500 1008	WRG
SA	1950	250 - BKN	20			130	48	13	07	04		993		WRG
SA	2050	250 SCT	20			130	48	12	02	03		994		WRG
SA	2150	250 SCT	20			129	43	15	05	04		994	107 1008 66	WRG
SA	2250	160 SCT 250 SCT	20			119	43	11	34	06		992		WRG
SA	2350	160 SCT 250 - BKN	20			113	44	13	36	07		991		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-76) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 06

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	26650	36.8	28.9	36	0															0	7	.030			00-01
01 50	26650	36.7	28.6	35	0															0					01-02
02 50	26640	35.3	27.8	37	0															0					02-03
03 49	26.640	34.4	27.9	45	0															0	6	.010			03-04
04 47	26.620	33.3	27.4	48	3															0					04-05
05 48	26.630	35.0	28.1	42	8															1					05-06
06 47	26.630	36.4	29.2	42	8	8	Ci	250												2	5	.010			06-07
07 48	26.640	43.1	33.0	31	9															2					07-08
08 48	26640	50.4	35.8	17	9															5					08-09
09 53	26.630	56.1	39.7	18	10	1	Ac	150	9	Ci	250	10								4	0	.000			09-10
10 47	26.620	61.2	42.0	14	10															2					10-11
11 47	26.570	64.1	43.3	12	9															1					11-12
12 48	26.550	65.1	43.4	10	8	8	Cs	250												1	8	.080			12-13
13 48	26.530	64.7	43.6	12	8															1					13-14
14 50	26.520	64.0	43.1	11	7															1					14-15
15 50	26.520	61.3	41.5	12	8	1	Ac	160	7	Cs	E250	8								6	6	.030			15-16
16 50	26.510	57.3	40.0	16	8															6					16-17
17 50	26.520	53.3	38.4	20	8															6					17-18
18 50	26520	50.9	36.9	21	7	7	Cs	250												3	5	.000			18-19
19 50	26530	48.1	35.5	24	7															3					19-20
20 50	26540	47.8	35.2	23	5															3					20-21
21 50	26540	43.2	33.2	32	2	2	Cs	250												2	1	.020			21-22
22 50	26520	43.0	32.2	26	2															2					22-23
23 50	26510	43.7	33.1	29	6															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		40	34										
	0344	1	0	0	0	42	34		0								
	0947	2	0	0	0	56	33		0								
	1546	3	0	0	0	66	56		0								
	2146	4	0	0	0	61	43		0								
	MID.		0	0	0	45	42										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0952	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.630	26520	26540
BAROGRAPH 64	26.610	26.610	26500	26500
BAR. CORR. 65	+.030	+.020	+.020	+.040

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
66	33	0	0	0	13	SE	1549					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0950P ±1 Sec./ 1904 ±1 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 07

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	160 SCT 250 -BKN	20			109	43	14	08	06		990	714 1071	WRG
SA	0150	160 SCT 250 -BKN	20			103	39	15	35	07		989		WRG
SA	0250	250 -SCT	20			108	39	16	02	04		989		WRG
SA	0350	250 - SCT	20			110	38	16	36	02		989	603 1008 38 RAOAT	MR
/													36110	/
SA	0450	250 - BKN	20			114	37	17	04	02		989		MR
SA	0548	160 SCT 250 - OVC	20			119	38	18	10	03		990		MR
SA	0647	160 SCT 250 - OVC BKN	20			121	38	18	34	04		990	205 1071	MR
SA	0747	160 SCT 250 - BKN	20			121	48	16	28	03		991		MR
SA	0850	250 SCT	20			119	53	15	00	00		991		MR
SA	0948	250 SCT	20			116	56	18	34	04		990	000 1071 36	MR
SA	1047	160 SCT 250 - OVC	20			108	60	15	10	02		989		MR
SA	1145	160 SCT E250 OVC	20			098	60	15	11	10		986		MR
SA	1248	150 SCT E250 OVC	20			087	60	14	12	10		982	824 1052	MR
SA	1346	150 SCT E250 OVC	20			078	62	11	11	14		980		MR
SA	1450	150 SCT E250 OVC	20			072	61	13	10	11		978		MR
SA	1549	150 SCT E250 OVC	20			069	60	13	12	11		976	719 1057 62 RAOAT 23110	CG
SA	1650	150 SCT E250 OVC	20			070	58	15	14	09		976		CG
SA	1748	150 SCT E250 OVC	20			074	56	18	18	06		977		CG
SA	1845	150 SCT E250 OVC	20			077	51	21	17	04		977	103 1077	CG
SA	1949	150 SCT E250 OVC	20			076	51	20	24	02		979		CG
SA	2046	150 SCT E250 OVC	20			066	56	12	23	14		978		CG
SA	2149	150 SCT E250 OVC	20			065	56	16	22	13		978	000 1077 62	CG
SA	2248	150 SCT E250 OVC	20			062	57	14	22	12		978		CG
SA	2347	150 SCT E250 OVC	20			058	57	12	23	16		976		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 07

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	26500	43.0	32.6	30	7	1	Ac	160	6	Ci	250	7								3	7	.040			00-01
01 50	26.490	39.2	30.6	37	6															3					01-02
02 50	26.490	39.1	31.0	39	5															2					02-03
03 50	26.490	37.9	30.3	40	4	4	Cs	250												1	6	.010			03-04
04 50	26.495	37.0	30.0	44	9															2					04-05
05 48	26.500	37.7	30.7	45	10															4					05-06
06 47	26.505	38.2	30.8	43	9	2	Ac	160	7	Ci	250	9								4	2	.015			06-07
07 47	26.515	47.5	35.8	25	9															4					07-08
08 50	26.515	52.5	38.3	22	1															1					08-09
09 48	26.505	56.2	40.7	22	1	0	Ac	160	1	Ci	250	1								1	0	.000			09-10
10 47	26.490	59.8	41.9	17	10															4					10-11
11 45	26.465	60.1	42.2	17	10															6					11-12
12 48	26.435	60.4	42.0	16	10	2	Ac	150	8	Ci	E250	10								7	8	.070			12-13
13 46	26.410	62.0	42.4	13	10															6					13-14
14 50	26.390	61.2	42.3	15	10															9					14-15
15 49	26.380	57.6	41.5	16	10	4	Ac	150	10	Cs	E250	10								10	7	.055			15-16
16 50	26.380	57.7	41.0	19	10															10					16-17
17 48	26.390	56.0	40.8	23	10															10					17-18
18 45	26.390	51.1	38.8	30	10	5	Ac	150	10	Cs	E250	10								10	1	.010			18-19
19 49	26.400	51.3	38.7	29	10															10					19-20
20 46	26.390	56.1	39.6	17	10															10					20-21
21 49	26.390	55.6	40.0	20	10	5	Ac	150	10	Cs	E250	10								10	0	.000			21-22
22 48	26.390	56.9	40.3	18	10															10					22-23
23 47	26.380	57.0	40.0	16	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	0	0	X	44	38	X	X						X		
	0345	1	0	0	0	45	38		0								
	0943	2	0	0	0	57	36		0								
	1543	3	0	0	0	62	56		0								
	2145	4	0	0	0	60	51		0								
	MID.	X	0	0	0	57	56	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0947	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.505	26.380	26.390
BAROGRAPH 64	26.455	26.470	26.380	26.390
BAR. CORR. 65	+0.35	*0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
62	36	0	0	0	24	SW	2025					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0642P ±3 Sec./ 2048 ±2 Sec./ ± Sec.

* READJUSTED TO ZERO CORR.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 08

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	150 SCT E250 OVC	20			051	57	13	21	16		974	810 1077	CG
SA	0148	150 SCT E250 OVC	20			051	56	14	22	16	G26	974		CG
SA	0250	150 SCT E250 OVC	20			048	54	14	22	18		973		CG
SA	0350	E150 BKN 250 OVC	20			050	52	14	23	11		973	603 1058 52 RADAT	MR
/													24090	/
SA	0447	E140 BKN 200 OVC	20			050	51	16	14	04		973		MR
SA	0547	E140 BKN 200 OVC	20			053	51	16	32	06		973		MR
SA	0645	E130 BKN 220 OVC	20			063	51	17	31	04		975	307 1052	MR
SA	0745	E130 BKN 200 OVC	20			066	52	18	20	07		976		MR
SA	0846	130 SCT E180 OVC	20			061	54	20	23	14	G19	976		MR
SA	0949	E120 OVC	20			057	56	20	22	18	G25	975	000 107/ 51	MR
SA	1048	E110 OVC	20			057	56	21	22	18	G24	975		MR
SA	1148	E100 BKN 140 OVC	20			049	56	23	20	14		973		MR
SA	1248	E120 BKN 220 OVC	20			035	60	20	16	13	G18	970	817 1072	MR
SA	1346	130 SCT E220 OVC	20			032	60	20	18	11	G21	969		MR
SA	1450	130 SCT E220 OVC	20			031	58	24	19	17	G23	968	ARSL SE	MR
SA	1549	130 SCT E220 OVC	20			036	55	27	19	15		969	503 1077 61 RADAT 20092	CG
SA	1645	130 SCT E220 OVC	20			042	54	26	20	12		970		CG
SA	1746	130 SCT E220 OVC	20			051	52	28	22	15		972		CG
SA	1845	130 SCT E220 OVC	20			051	53	27	18	07		972	110 1077	CG
SA	1948	130 SCT E220 BKN	20			051	52	28	18	15		972		CG
SA	2048	130 SCT E220 OVC	20			057	52	29	21	10		974		CG
SA	2150	130 SCT 220 - OVC	20			053	51	30	22	16	G28	973	003 1077 61	CG
SA	2248	130 SCT 220 - OVC	20			057	49	25	21	15		974		CG
SA	2347	220 - BKN	20			061	49	26	21	10		975		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 08

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	26.360	56.7	40.1	18	10	5	Ac	150	10	Cs	E250	10								10	8	.030			00-01
01 48	26.360	56.3	40.0	18	10															10					01-02
02 50	26.350	54.0	38.8	20	10															10					02-03
03 50	26.350	52.3	38.0	22	10	8	Ac	E150	2	Cs	250	10								10	6	.010			03-04
04 47	26.350	50.8	37.5	24	10															9					04-05
05 47	26.355	51.4	38.0	25	10															9					05-06
06 45	26.370	51.1	37.9	25	10	8	Ac	E130	2	Ci	220	10								10	3	.020			06-07
07 45	26.380	51.9	38.6	26	10															10					07-08
08 46	26.375	53.8	40.0	26	10															10					08-09
09 49	26.370	55.6	40.9	25	10	0	Ac	90	10	As	E120	10								10	0	.000			09-10
10 48	26.370	55.9	41.3	25	10															10					10-11
11 48	26.350	56.2	42.0	27	10															10					11-12
12 48	26.320	60.0	43.0	21	10	0	Ac	90	7	As	E120	7	3	~~Ci~~	220	10				10	8	.050			12-13
13 46	26.310	59.7	42.9	21	10															9					13-14
14 50	26.300	58.0	43.0	26	10															9					14-15
15 49	26.310	55.2	42.5	33	10	4	Ac	130	10	Cs	E220	10								9	5	.010			15-16
16 45	26.320	53.7	41.5	34	10															8					16-17
17 46	26.340	52.1	41.4	39	10															8					17-18
18 48	26.340	52.7	41.4	37	10	4	Ac	130	10	Cs	E220	10								8	1	.030			18-19
19 48	26.340	51.6	41.2	40	8															7					19-20
20 48	26.360	51.8	41.5	41	10															8					20-21
21 50	26.350	50.5	41.1	45	10	3	Ac	130	10	Cs	220	10								5	0	.010			21-22
22 48	26.360	48.8	38.6	38	10															5					22-23
23 47	26.370	48.5	39.0	42	7															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	57	52	X	X						X		
	0343	1	0	0	0	57	52		0								
	0943	2	0	0	0	56	51		0								
	1545	3	0	0	0	61	55		0								
	2146	4	0	0	0	55	51		0								
	MID.	X	0	0	0	51	49	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1549	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.370	26.310	26.360
BAROGRAPH 64	26.355	26.375	26.315	26.355
BAR. CORR. 65	-.005	-.005	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
61	49	0	0	0	29	340	2152					10	10		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0549 P ±3 Sec. / 1905 ±3 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 09

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	220-BKN	20			064	47	25	21	16		976	210 1008	CG
SA	0150	220 SCT	20			064	47	23	20	15		976		CG
SA	0248	220 SCT	20			074	46	23	21	16		979		CG
SA	0349	CLR	20			077	45	19	20	17G27		979	*208 100B 45 *DSNT LTG	MR
/													E RADAT 52061	/
SA	0448	CLR	20			085	45	19	19	15G24		981	DSNT LTG E	MR
SA	0547	CLR	20			100	43	20	23	06		985		MR
SA	0647	CLR	20			105	44	20	21	08		986	222 1502	MR
SA	0744	CLR	20			110	48	20	16	17G21		988	Ac SW	MR
SA	0847	CLR	20			110	51	18	17	10		989	Ac Ci SW-W	MR
SA	0949	CLR	20			108	54	21	22	10		988	007 1572 43	MR
SA	1045	70 SCT 120 SCT E220 BKN	20			108	55	17	21	12		988		MR
SA	1147	E120 BKN 200 OVC	20			102	54	20	20	10		986		MR
SA	1248	100 SCT E150 BKN 200 OVC	20			090	54	19	20	04		983	817 1072	MR
SA	1347	80 SCT E120 BKN 200 OVC	20			082	54	19	20	05		981		MR
SA	1451	80 SCT E130 OVC	20			077	54	18	33	04		979		MR
SA	1547	E 50 BKN 130 OVC	20		RW-	082	49	32	18	15	G24	980	RB31 / 51000 127 / 56	CG
/													RADAT 46079	/
SA	1649	E40 OVC	20			070	51	30	23	05		976	RE02	CG
SA	1746	E40 OVC	20		RW-	090	44	40	19	17		981	8B13	CG
SA	1846	E35 OVC	20		R-	098	43	40	24	14		983	31CZ 31023 17//	CG
SA	1947	E35 OVC	20		R-	105	40	36	20	13		985		CG
SP	2031	E25 OVC	20		R-		41		04	06		985		CG
SA	2045	E25 OVC	20		R-	103	~~40~~	35	04	03		985		CG
SA	2149	E20 OVC	20			101	42	33	21	14		985	RE05 / 10742 17// 56	CG
SA	2245	E20 BKN 80 OVC	20			100	42	33	20	17		985		CG
SP	2326	20 SCT 250-BKN	20						21	14		985		CG
SA	2347	20 SCT 250 SCT	20			101	42	32	23	13		985		CG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 09

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.380	47.1	37.8	41	7	7	Cs	220												3	2	.030			00-01
01 50	26.380	47.0	37.3	39	4															3					01-02
02 48	26.400	46.1	36.7	39	2															2					02-03
03 49	26.405	45.2	35.3	35	0	0	Cs	220												0	2	.025			03-04
04 48	26.425	45.0	35.2	36	0															0					04-05
05 47	26.460	43.2	34.4	39	0															0					05-06
06 47	26.470	43.6	34.5	38	0	0	Sc	50	0	Ci	220	0								0	2	.065			06-07
07 44	26.490	47.9	36.8	32	0															0					07-08
08 47	26.495	50.7	38.0	27	0															0					08-09
09 49	26.490	53.5	40.0	27	0	0	Sc	50	0	Ac	100	0	0	Ci	220	0				0	0	.020			09-10
10 45	26.490	54.8	39.9	22	6															4					10-11
11 47	26.470	53.9	40.0	26	10															9					11-12
12 48	26.440	54.0	40.0	25	10	3	Ac	100	6	Ac	E150	9	1	Ci	200	10				9	8	.050			12-13
13 47	26.420	53.9	39.9	25	10															10					13-14
14 51	26.405	53.9	39.7	24	10															10					14-15
15 47	26.410	49.0	41.0	51	10	8	Cu	E50	2	Ac	130	10								10	5	.030			15-16
16 49	26.380	50.5	41.1	43	10															10					16-17
17 46	26.420	44.0	42.0	86	10															10					17-18
18 46	26.440	43.1	41.5	88	10	10	Cu FRA	E35												10	3	.030			18-19
19 47	26.460	40.1	38.4	86	10															10					19-20
20 45	26.460	40.9	38.1	79	10															10					20-21
21 49	26.460	42.1	38.0	70	10	10	Cu FRA	E20												10	1	.020			21-22
22 45	26.460	42.2	38.0	69	10															10					22-23
23 47	26.460	42.0	37.7	68	5															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	49	45	X	X						X		
	0343	1	0	0	0	51	45		0								
	0943	2	0	0	0	54	43		0								
	1543	3	T	0	0	56	49		0								
	2144	4	0.42	0	0	51	40		2								
	MID.	X	0	0	0	42	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.405	26.490	26.410	26.460
BAROGRAPH 64	26.415	26.490	26.410	26.470
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
56	40	0.42	0	0	31	5	1727					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1531	1602			
RW-	1713	1840			
R-	1840	2105			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0723P ±2 Sec./ 2057 ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	250 SCT	20			108	42	33	22	17		987	307 1008	CE
SA	0148	250 SCT	20			108	43	30	20	08		987		CE
SA	0247	130 SCT E250 BKN	20			116	43	31	18	14		990		CE
SA	0349	E50 BKN 100 OVC	20			117	43	32	23	06		990	207 1571 40 20042	JC
/													RADAT 20056	/
SA	0445	E50 BKN 100 BKN 250 OVC	20			125	43	33	21	06		992		JC
SA	0549	E50 BKN 100 OVC	20			127	40	35	20	04		991	RB14 E33	JC
SA	0648	E50 BKN 100 OVC	20		R-	135	40	35	06	03		993	RB17 / 11001 172 /	JC
SA	0746	30 SCT E50 OVC	20		R-	140	41	35	23	04		994		JC
SA	0850	15 SCT E30 BKN 50 OVC	15		R-	144	41	36	22	05		996		JC
SA	0925	10 SCT E25 OVC	10		R-				25	04		996		JC
SA	0949	10 SCT E25 OVC	10		R-	147	40	35	25	05		997	2101172 / 39	JC
SA	1045	10 SCT E25 BKN 50 OVC	20			139	42	36	02	04		994	RE40	JC
SA	1149	10 SCT E25 BKN 50 OVC	20		R-	131	41	37	31	03		992	RB35	JC
SA	1248	10 SCT E25 BKN 50 OVC	20			119	43	37	22	02		989	RE25 / 82404 1511	JC
SP	1317	15 SCT E35 BKN 250 BKN	20						23	17		988		JC
SA	1347	15 SCT E35 BKN 250 BKN	20			105	46	35	23	15		986		JC
SA	1448	E35 BKN 250 BKN	20			101	47	35	22	10		984		JC
SA	1547	E35 BKN 250 BKN	20			101	45	33	24	12		984	61404 1502 47	SH
/		—	—			—						—	RADAT 84058	—
SA	1645	E35 BKN 250 OVC	20			106	44	35	24	08		985		SH
SA	1748	E35 OVC	20			112	44	34	25	09		986		SH
SP	1818	E32 OVC	20		SP				31	14		987	SPB10 WSHFT02	SH
SA	1847	E32 OVC	10		SP	124	36	30	01	10		988	SPB10 WSHFT02	SH
/		—	—			—							21401 1511	—
SP	1908	E32 OVC	20						01	06		988	SPE05	SH
SA	1946	E35 OVC	20			132	37	32	14	03		991	SPE05	SH
SA	2045	35 SCT E250 BKN	20			140	36	32	32	02		993		SH
SA	2145	40 SCT E250 BKN	20			148	35	32	03	03		995	22006 1508 47	SH
SA	2246	40 SCT E250 OVC	20			151	37	33	05	03		996		SH
SA	2345	40 SCT E250 OVC	20			153	38	34	25	02		997		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iiiii iRixhVV Nddff 1snTTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 10

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 48	26.480	41.9	37.8	70	5	5	Cs	250												4	3	.020			00-01
01 48	26.480	42.5	37.1	61	5															4					01-02
02 47	26.500	42.7	37.5	63	8															7					02-03
03 49	26.500	42.7	37.8	65	10	7	Sc	E50	3	Ac	100	10								10	2	.020			03-04
04 45	26.520	42.5	38.0	67	10															10					04-05
05 49	26.510	40.3	37.7	80	10															10					05-06
06 48	26.530	40.2	37.8	82	10	6	STRA	E50	4	NS	100	10								10	1	.010			06-07
07 46	26.540	40.9	38.4	81	10															10					07-08
08 50	26.550	40.7	38.7	85	10															10					08-09
09 49	26.560	39.8	37.8	84	10	5	STRA	10	5	NS	E25	10								10	2	.030			09-10
10 45	26.540	41.5	39.0	81	10															10					10-11
11 49	26.520	41.0	39.0	85	10															10					11-12
12 48	26.490	42.8	39.9	79	10	1	STRA	10	8	Sc	E25	8	2	Sc	50	10				10	8	.070			12-13
13 47	26.460	46.2	41.0	65	9															7					13-14
14 48	26.450	46.6	41.0	63	9															8					14-15
15 47	26.450	45.0	39.6	63	9	8	Sc	E35	1	Ci	250	9								9	6	.040			15-16
16 45	26.460	44.0	39.9	70	10															10					16-17
17 48	26.470	43.6	39.3	68	10															10					17-18
18 47	26.490	36.3	34.4	84	10	10	Sc	E32												10	2	.040			18-19
19 46	26.510	36.8	34.7	83	10															10					19-20
20 45	26.530	35.7	34.0	85	7															7					20-21
21 47	26.550	35.0	33.6	88	6	3	Sc	40	3	Cs	E250	6								6	2	.060			21-22
22 46	26.560	36.6	35.1	87	10															10					22-23
23 45	26.570	37.8	36.0	86	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	0	0	X	43	42	X	X						X		
	0345	1	0	0	0	43	41		1								
	0945	2	.11	0	0	43	39		2								
	1543	3	.04	0	0	47	40		2								
	2142	4	.06	*T	0	45	35		2								
	MID.	X	0	0	0	38	35	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.500	26.560	26.450	26.550
BAROGRAPH 64	26.505	26.565	26.460	26.550
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 UNML TO (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
47	35	.21	T	0	19	SW	1328					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0524	0533			
R-	0617	1040			
R-	1135	1225			
SP	1810	1905			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0710 ✓ ±2 Sec. / 2040 ✓ ±2 Sec. / ± Sec.

*T SP MELTED AS IT FELL

SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 11

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)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	40 SCT E250 BKN	20			154	38	34	25	04		998	210 1508	SH
SA	0147	40 SCT 250 SCT	20			159	35	33	05	06		999		SH
SA	0247	40 SCT 250 SCT	20			166	35	31	01	04		002		SH
SA	0349	250 SCT	20			174	33	29	01	03		003	214 1008 32 20021	JC
/													RADAT 24058	/
SA	0444	250 SCT	20			181	34	30	12	03		005		JC
SA	0546	CLR	20			194	32	28	12	02		009		JC
SA	0645	CLR	20			207	33	29	02	02		012	327	JC
SA	0746	CLR	20			223	35	31	34	04		016		JC
SA	0845	CLR	20			226	41	34	12	02		018		JC
SA	0949	CLR	20			234	44	31	25	03		021	FEW CU 40 / 127 1100	JC
/													31	/
SA	1048	CLR	20			235	48	30	26	07		022	FEW CU 40	JC
SA	1147	50 SCT	20			229	48	31	24	07		021		JC
SA	1249	50 SCT	20			224	49	28	07	09		020	303 1100	JC
SA	1348	50 SCT	20			228	51	31	01	10		021		JC
SA	1450	50 SCT	20			229	52	28	01	08		021		JC
SA	1547	CLR	20			235	51	26	04	09		022	207 1100 52	SH
	—		—			—						—	RADAT 58068	—
SA	1646	CLR	20			243	47	30	01	06		024		SH
SA	1745	CLR	20			259	43	32	05	07		027		SH
SA	1846	CLR	20			259	43	29	05	12		027	117	SH
SA	1945	CLR	20			263	40	31	02	10		028		SH
SA	2046	CLR	20			274	39	30	25	03		033		SH
SA	2146	CLR	20			276	42	28	05	08		034	220 52	SH
SA	2246	CLR	20			274	41	27	09	07		034		SH
SA	2346	CLR	20			277	40	27	04	10		035		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 11

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 49	26.580	38.4	36.6	85	7	4	SC	40	3	CS	250	7								7	2	.030			00-01
01 47	26.590	35.4	34.4	91	4															4					01-02
02 47	26.610	34.5	33.2	88	3															3					02-03
03 49	26.620	32.8	31.4	87	2	2	CS	250												2	2	.040			03-04
04 44	26.640	33.8	32.2	85	1															1					04-05
05 46	26.670	31.7	30.4	87	0															0					05-06
06 45	26.700	32.8	31.2	85	0															0	3	.080			06-07
07 46	26.740	35.1	33.5	86	0															0					07-08
08 45	26.760	40.8	37.8	77	0															0					08-09
09 49	26.780	43.8	38.2	61	0	0	CU	40												0	1	.080			09-10
10 48	26.790	47.7	39.8	50	0															0					10-11
11 47	26.780	47.9	40.1	51	3															3					11-12
12 49	26.770	49.0	39.8	44	2	2	CU	50												2	8	.010			12-13
13 48	26.780	51.4	42.0	45	3															3					13-14
14 50	26.780	51.7	41.3	40	1															1					14-15
15 47	26.790	51.1	40.3	38	0	0	CU	50												0	2	.020			15-16
16 46	26.810	47.2	39.4	50	0															0					16-17
17 45	26.840	43.0	38.2	66	0															0					17-18
18 46	26.840	43.1	37.0	57	0															0	1	.050			18-19
19 45	26.850	40.3	36.1	68	0															0					19-20
20 46	26.890	39.2	35.2	69	0															0					20-21
21 46	26.900	41.6	35.8	58	0															0	2	.060			21-22
22 46	26.900	40.6	35.0	58	0															0					22-23
23 46	26.910	40.0	34.7	59	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 0345	X	0	0	X	39	32	X	X						X		
	0345	1	0	0	0	39	32		1								
	0945	2	0	0	0	44	31		1								
	1543	3	0	0	0	52	44		1								
	2142	4	0	0	0	51	39		1								
	MID.	X	0	0	0	42	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.780	26.790	26.900
BAROGRAPH 64	26.635	26.785	26.805	26.910
BAR. CORR. 65	-.015	-.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
52	31	0	0	0	16	NW	1306					1	1		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0853P ±2 Sec. / 1730 ±2 Sec. / ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			278	38	27	03	12		035	103	SH
SA	0147	CLR	20			273	39	26	06	08		034		SH
SA	0248	CLR	20			269	38	26	04	10		033		SH
SA	0349	CLR	20			265	38	25	03	12		032	710 37 RADAT	JC
/													53L 059067085	/
SA	0446	CLR	20			273	37	25	05	12		033		JC
SA	0548	CLR	20			280	35	24	05	09		034		JC
SA	0647	250-SCT	20			278	37	25	04	07		034	107 1001	JC
SA	0749	250-BKN	20			278	39	25	04	11		034		JC
SA	0848	250-OVC	20			277	43	25	04	14		034		JC
SA	0949	250-OVC	20			270	46	27	03	09		033	803 1001 35	JC
SA	1048	250-OVC	20			262	50	27	03	10		031		JC
SA	1145	250-OVC	20			250	51	27	13	14		027		JC
SA	1244	250-OVC	20			238	52	27	09	08	G20	024	827 1001	JC
SA	1345	250-OVC	20			226	53	25	11	13		021		JC
SA	1450	250-OVC	20			223	53	27	09	10	G15	020		JC
SA	1547	250-OVC	20			215	53	26	13	10		017	720 1001 54	SH
	—		—			—						—	RADAT 20105	—
SA	1646	250-OVC	20			216	50	27	09	06		017		SH
SA	1747	250-OVC	20			216	48	25	14	07		016		SH
SA	1845	E250 OVC	20			212	44	28	10	08		015	807 1002	SH
SA	1947	E250 OVC	20			209	44	27	07	06		014		SH
SA	2048	250-OVC	20			209	40	29	03	05		014		SH
SA	2148	E250 BKN	20			201	41	25	11	03		013	707 1008 54	SH
SA	2247	E250 OVC	20			204	39	29	04	05		014		SH
SA	2345	E250 OVC	20			195	41	28	07	03		012		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 12

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 47	26.910	38.0	33.6	65	0															0	1	.010			00-01
01 47	26.900	38.5	33.6	61	0															0					01-02
02 48	26.890	38.1	33.2	61	0															0					02-03
03 49	26.880	37.7	32.8	61	0															0	7	.030			03-04
04 46	26.890	36.8	32.2	62	0															0					04-05
05 48	26.900	35.2	30.9	63	0															0					05-06
06 47	26.900	36.6	32.0	62	4	4	Ci	250												0	1	.020			06-07
07 49	26.900	39.2	33.6	57	7															1					07-08
08 48	26.900	43.0	35.7	49	10															1					08-09
09 49	26.890	46.0	37.8	46	10	10	Ci	250												1	8	.010			09-10
10 48	26.870	50.0	40.0	41	10															1					10-11
11 45	26.840	51.4	40.8	39	10															2					11-12
12 44	26.810	52.2	41.2	38	10	10	Ci	250												2	8	.080			12-13
13 45	26.780	53.0	40.8	33	10															4					13-14
14 50	26.770	53.3	41.7	36	10															4					14-15
15 47	26.750	52.7	40.4	32	10	10	Ci	250												4	7	.060			15-16
16 46	26.750	50.1	40.0	40	10															4					16-17
17 47	26.740	48.0	38.4	40	10															4					17-18
18 45	26.730	44.3	37.2	52	10	10	Ci	E250												6	8	.020			18-19
19 47	26.720	43.9	36.7	50	10															7					19-20
20 48	26.720	39.6	35.0	64	10															4					20-21
21 48	26.710	41.2	34.7	52	6	6	Cs	E250												4	7	.020			21-22
22 47	26.720	39.0	34.7	66	10															8					22-23
23 45	26.700	40.4	35.0	58	10															6					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	40	37	X	X						X		
	0345	1	0	0	0	42	37		0								
	0945	2	0	0	0	46	35		0								
	1542	3	0	0	0	54	46		0								
	2144	4	0	0	0	53	39		0								
	MID.	X	0	0	0	41	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.880	26.890	26.750	26.710
BAROGRAPH 64	26.905	26.910	26.770	26.730
BAR. CORR. 65	-.025	-.020	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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
54	35	0	0	0	20	E	1242					9	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0735 P ±2 Sec. / 1800 ±2 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 13

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 (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0046	250 - BKN	20			193	36	28	00	00		011	807 1008	SH
SA	0147	250 SCT	20			194	34	28	13	05		011		SH
SA	0245	250 - SCT	20			187	33	27	11	04		008		SH
SA	0349	250 - SCT	20			188	32	27	05	04		009	207 1001 32 RADAT	JC
/													22033	/
SA	0445	250 - SCT	20			181	31	25	10	02		007		JC
SA	0549	CLR	20			189	33	25	35	04		009		JC
SA	0644	250 - SCT	20			198	32	24	13	05		010	303 1001	JC
SA	0747	250 - SCT	20			196	40	31	08	03		011		JC
SA	0846	250 - SCT	20			200	44	30	22	02		012		JC
SA	0949	250 - BKN	20			201	47	29	18	02		013	210 1001 31	JC
SA	1048	250 - BKN	20			195	52	31	30	02		012		JC
SA	1147	250 - BKN	20			189	53	27	18	03		011		JC
SA	1248	250 - OVC	20			184	55	25	24	06		009	814 1001	JC
SA	1347	250 - OVC	20			180	57	28	20	04		008		JC
SA	1450	250 - BKN	20			185	57	27	07	04		009		JC
SA	1548	250 - BKN	20			188	58	27	23	03		010	303 1001 58	SH
	—		—			—						—	RADAT 20108	—
SA	1647	250 - BKN	20			197	52	34	34	03		011		SH
SA	1747	250 - BKN	20			205	48	29	05	10		013		SH
SA	1846	250 - SCT	20			213	48	26	02	12		015	217 1001	SH
SA	1946	250 - SCT	20			212	47	27	03	17		016		SH
SA	2047	250 - SCT	20			219	45	25	05	12		018		SH
SA	2148	CLR	20			227	45	24	05	16		020	217 58	SH
SA	2246	CLR	20			231	44	24	05	14		023		SH
SA	2347	CLR	20			239	43	22	05	12		025		SH

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 1 3

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	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 46	26690	36.3	32.8	70	7	7	CS	250												3	8	.020			00-01
01 47	26690	33.6	31.2	78	5															3					01-02
02 45	26670	32.6	30.3	78	4															1					02-03
03 49	26670	32.0	30.0	81	3	3	Ci	250												1	7	.020			03-04
04 45	26650	30.8	28.9	80	2															1					04-05
05 49	26670	32.5	29.8	74	0															0					05-06
06 44	26680	31.8	29.0	72	1	1	Ci	250												0	3	.010			06-07
07 47	26690	39.9	36.1	70	1															0					07-08
08 46	26700	44.2	32.8	56	4															1					08-09
09 49	26.710	46.7	39.0	50	8	8	Ci	250												1	2	.030			09-10
10 48	26700	51.6	42.0	44	9															1					10-11
11 47	26690	52.9	41.4	36	9															1					11-12
12 48	26670	54.8	41.8	31	10	10	Ci	250												2	8	.040			12-13
13 47	26660	52.3	44.0	33	10															1					13-14
14 50	26670	56.8	43.4	32	9															1					14-15
15 48	26680	57.6	43.8	31	8	8	Ci	250												2	3	.010			15-16
16 47	26690	51.6	43.3	51	6															2					16-17
17 47	26710	47.6	39.3	48	6															2					17-18
18 46	26730	48.2	38.8	42	4	4	Ci	250												1	2	.050			18-19
19 46	26740	46.7	38.3	46	3															1					19-20
20 47	26760	45.2	36.8	44	3															1					20-21
21 48	26780	44.7	36.4	45	0															0	2	.050			21-22
22 46	26800	43.7	35.7	45	0															0					22-23
23 47	26820	43.2	35.0	43	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 0345		0	0		41	32										
	0345	1	0	0	0	41	32		0								
	0945	2	0	0	0	48	31		0								
	1544	3	0	0	0	58	47		0								
	2144	4	0	0	0	58	44		0								
	MID.		0	0	0	45	43										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.710	26.680	26.780
BAROGRAPH 64	26.685	26.710	26.675	26.770
BAR. CORR. 65	-.015	± 0	+.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	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
58	31	0	0	0	21	N	1953					7	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0707P 0 2 Sec./ 1 75 SP 2 Sec./ ± Sec.

SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 14

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	CLR	20			241	42	21	05	13		026	217	SH
SA	0147	250 - SCT	20			245	41	19	05	14		027		SH
SA	0245	250 - SCT	20			245	40	20	05	12		027		SH
SA	0348	CLR	20			245	39	18	05	15		027	103 39 RADAT 36L072091	[illegible]
—	—												118	—
SA	0448	CLR	20			253	39	19	05	13		028		[illegible]
SA	0548	CLR	20			261	38	19	05	13		029		[illegible]
SA	0645	CLR	20			264	38	19	04	10		031	210	[illegible]
SA	0745	CLR	20			266	41	18	04	14		032		[illegible]
SA	0845	CLR	20			270	43	17	04	13		033		[illegible]
SA	0946	CLR	20			272	46	17	03	14		034	210 1001 38	[illegible]
SA	1048	CLR	20			259	49	14	13	10		031		[illegible]
SA	1145	CLR	20			246	53	15	12	11		027		[illegible]
SA	1249	CLR	20			238	53	16	11	15		025	727	[illegible]
SA	1346	CLR	20			234	53	13	08	10		024		[illegible]
SA	1450	CLR	20			226	54	13	11	12		022		[illegible]
SA	1550	CLR	20			229	53	18	11	13		022	610 55 RADAT 20122	EP
SA	1647	CLR	20			231	51	12	07	09		022		EP
SA	1746	CLR	20			238	46	20	12	10		023		EP
SA	1847	CLR	20			235	45	18	12	10		022	000	EP
SA	1948	CLR	20			235	42	22	35	04		022		EP
SA	2048	CLR	20			239	39	24	07	03		023		EP
SA	2150	CLR	20			238	37	23	05	04		023	103 55	EP
SA	2247	CLR	20			231	41	17	10	04		022		EP
SA	2348	CLR	20			223	39	18	00	00		020		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 14

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 47	26.830	42.0	34.0	43	0															0	2	.050			00-01
01 47	26.840	41.0	32.8	41	3															1					01-02
02 45	26.840	40.2	32.6	44	3															1					02-03
03 48	26.840	38.9	31.3	43	0															0	1	.010			03-04
04 48	26.850	38.9	31.5	44	0															0					04-05
05 48	26.860	37.7	31.0	47	0															0					05-06
06 45	26.870	37.6	30.8	46	0															0	2	.030			06-07
07 45	26.880	40.5	32.3	40	0															0					07-08
08 45	26.890	42.9	33.4	34	0															0					08-09
09 46	26.900	46.3	35.3	30	0	0	01	300												0	2	-.030			09-10
10 48	26.870	48.8	36.1	25	0															0					10-11
11 45	26.840	52.7	38.3	22	0															0					11-12
12 49	26.820	52.8	38.6	23	0															0	7	.080			12-13
13 46	26.810	53.1	38.1	20	0															0					13-14
14 50	26.790	53.9	38.6	19	0															0					14-15
15 50	26.790	53.2	39.2	24	0															0	6	.030			15-16
16 47	26.790	50.7	36.8	21	0															0					16-17
17 46	26.800	45.9	35.9	35	0															0					17-18
18 47	26.790	45.1	35.0	34	0															0	0	.000			18-19
19 48	26.790	41.8	34.0	44	0															0					19-20
20 48	26.800	39.0	33.0	54	0															0					20-21
21 50	26.800	37.3	31.8	56	0															0	1	.010			21-22
22 47	26.790	40.5	32.2	39	0															0					22-23
23 48	26.775	39.4	31.5	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 0344	X	0	0	X	43	39	X	X						X		
	0344	1	0	0	0	45	39		0								
	0942	2	0	0	0	46	38		0								
	1545	3	0	0	0	55	46		0								
	2145	4	0	0	0	53	37		0								
	MID.	X	0	0	0	41	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.840	26.900	26.790	26.800
BAROGRAPH 64	26.840	26.890	26.780	26.770
BAR. CORR. 65	0	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	37	0	0	0	19	E	1222					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0649 P ±2 Sec./ 2150 P ±2 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 15

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 (14)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			223	36	21	01	05		019	710	EP
SA	0145	CLR	20			219	36	20	07	05		018		EP
SA	0250	CLR	20			212	40	17	04	08		017		EP
SA	0348	230 SCT	20			215	38	16	05	08		017	607 1004 35 RADAT 20107	[illegible]
SA	0450	230 SCT	20			216	36	19	03	07		017		[illegible]
SA	0546	CLR	20			216	36	19	06	07		016		[illegible]
SA	0645	230-SCT	20			215	40	16	03	14		016	603 1001	[illegible]
SA	0745	E230 OVC	20			221	44	17	04	12		018		[illegible]
SA	0849	230-OVC	20			220	46	16	10	07		017		[illegible]
SA	0946	230-OVC	20			220	48	15	05	13		017	003 1001 35	[illegible]
SA	1050	E230 OVC	20			203	52	15	01	10		014		[illegible]
SA	1148	E230 OVC	20			192	54	15	01	06		012		[illegible]
SA	1248	E230 OVC	20			180	56	16	07	02		008	729 1007	[illegible]
SA	1349	E230 OVC	20			169	56	16	12	06		004		[illegible]
SA	1450	E230 OVC	20			162	56	17	14	06		003		[illegible]
SA	1548	E 230 BKN	20			164	54	19	22	08		003	615 1008 56 RADAT 20110	EP
SA	1645	150 SCT 230-SCT	20			171	50	19	23	05		004		EP
SA	1748	150 SCT 230-BKN	20			174	45	25	07	06		004		EP
SA	1849	230-SCT	20			170	43	25	13	05		003	000 1001	EP
SA	1947	230-SCT	20			162	44	23	06	03		002		EP
SA	2047	CLR	20			158	44	20	00	00		001		EP
SA	2149	230-SCT	20			166	41	23	30	05		003	500 1008 56	EP
SA	2251	E230 OVC	20			165	40	25	04	03		003		EP
SA	2346	E 230 OVC	20			159	40	26	00	00		002		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 15

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	26.770	36.2	30.5	53	0															0	7	.030			00-01
01 45	26.760	36.0	30.3	53	0															0					01-02
02 50	26.750	40.2	31.7	38	0															0					02-03
03 48	26.750	38.0	30.4	41	3	3	CI	230												2	6	.020			03-04
04 50	26.750	36.2	30.0	49	3															2					04-05
05 46	26.740	36.3	30.1	49	0															0					05-06
06 45	26.740	39.5	31.1	38	5	5	CI	230												1	6	.010			06-07
07 45	26.760	48.9	34.0	34	10															6					07-08
08 49	26.750	45.7	34.8	30	10															4					08-09
09 46	26.750	47.8	35.7	27	10	10	CI	230												3	0	.010			09-10
10 50	26.720	51.6	37.7	22	10															6					10-11
11 48	26.695	53.8	39.0	21	10															7					11-12
12 48	26.665	56.3	40.5	20	10	10	CS	E230												7	7	.085			12-13
13 49	26.630	56.3	40.5	20	10															7					13-14
14 50	26.620	55.5	40.1	21	10															7					14-15
15 48	26.620	53.8	39.9	25	9	9	CS	E230												6	6	.045			15-16
16 45	26.630	49.5	37.5	29	5															1					16-17
17 48	26.630	44.5	36.4	45	8															4					17-18
18 49	26.620	42.7	35.5	49	4	4	CI	230												1	0	.000			18-19
19 47	26.610	43.9	35.6	44	2															0					19-20
20 47	26.600	44.0	34.9	39	0															0					20-21
21 49	26.620	41.4	34.2	48	4	4	CS	230												1	5	.000			21-22
22 51	26.620	40.3	34.3	55	10															8					22-23
23 46	26.610	39.5	34.2	59	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 0344	X	0	0	X	40	35	X	X						X		
	0344	1	0	0	0	41	35		0								
	0942	2	0	0	0	48	35		0								
	1544	3	0	0	0	56	48		0								
	2144	4	0	0	0	54	41		0								
	MID.	X	0	0	0	41	39	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	Ave			
STA. PRESS. 63	26.750	26.750	26.620	26.620
BAROGRAPH 64	26.740	26.740	26.615	26.605
BAR. CORR. 65	+.010	+.010	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
56	35	0	0	0	16	NE	0640					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0702 P ±2 Sec./ 2030 P ±2 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 16

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	0046	E 230 OVC	20			151	40	25	10	04		999	810 1007	EP
SA	0148	E 230 OVC	20			145	40	26	34	03		998		EP
SA	0250	E 230 OVC	20			143	39	27	21	04		997		EP
SA	0346	E 130 BKN 230 OVC	20			138	38	26	04	06		995	714 1077 38 RADAT 20114	EP
SA	0451	E 130 BKN 230 OVC	20			140	38	26	31	02		995		EP
SA	0548	130 SCT E230 OVC	20			146	40	24	35	05		996		EP
SA	0648	E 130 OVC	20			140	39	24	02	04		994	803 1071	EP
SA	0745	E 130 OVC	20			150	39	28	31	03		997		EP
SA	0845	E 130 OVC	20			154	41	29	00	00		998		EP
SA	0948	E 150 OVC	20			160	44	30	02	03		999	117 1071 36	EP
SA	1045	E 150 OVC	20			157	46	27	11	03		999		EP
SA	1147	E 150 OVC	20			143	49	28	06	00		996		EP
SA	1245	E 150 BKN 230 OVC	20			134	52	25	36	04		994	817 1077	EP
SA	1345	150 SCT E 230 OVC	20			125	53	26	34	04		992		EP
SA	1450	E150 BKN 230 OVC	20			120	53	20	13	13		990		EP
SA	1551	E150 BKN 230 OVC	20			120	52	20	12	11		990	614 1077 53 RADAT 20108	EP
SA	1645	150 SCT E230 BKN	20			125	49	22	12	03		991		EP
SA	1746	E150 BKN 230 BKN	20			125	47	22	03	03		991		EP
SA	1849	E150 BKN 230 OVC	20			130	46	24	09	05		992	307 1077	EP
SA	1947	E150 OVC	20			130	45	29	35	03		992		EP
SA	2050	150 SCT 230-OVC	20			134	40	29	05	05		992		EP
SA	2150	CLR	20			132	38	27	08	04		992	000 1031 53	EP
SA	2248	CLR	20			130	38	27	36	08		991		EP
SA	2346	CLR	20			126	36	26	06	03		991		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 1 6

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 46	26.590	40.1	33.9	53	10	10	CS	E230												10	8	.030			00-01
01 48	26.575	39.6	34.2	58	10															10					01-02
02 50	26.570	38.6	34.0	64	10															10					02-03
03 46	26.550	37.9	33.2	62	10	7	AC	E130	10	CS	230	10								9	7	.040			03-04
04 51	26.550	38.4	33.4	60	10															10					04-05
05 48	26.560	40.2	33.7	51	10															9					05-06
06 48	26.540	39.1	33.1	54	10	10	AC	E130												9	8	.010			06-07
07 45	26.570	38.9	34.3	64	10															10					07-08
08 45	26.580	41.0	35.7	61	10															10					08-09
09 48	26.590	43.8	37.7	58	10	10	AC	E150												10	1	.050			09-10
10 45	26.590	46.1	37.8	46	10															10					10-11
11 47	26.560	49.3	40.0	44	10															10					11-12
12 45	26.540	52.0	40.4	35	10	7	AC	E150	10	CS	230	10								9	8	.050			12-13
13 45	26.520	53.1	41.2	34	10															8					13-14
14 50	26.500	52.8	39.5	27	10															9					14-15
15 51	26.500	51.7	39.0	29	10	6	AC	E150	10	CS	230	10								8	6	.040			15-16
16 45	26.510	48.9	37.9	34	8															6					16-17
17 46	26.510	46.8	36.8	37	9															8					17-18
18 49	26.520	45.8	36.8	41	10	7	AC	E150	10	CS	230	10								10	3	.020			18-19
19 47	26.520	45.0	38.1	54	10															10					19-20
20 50	26.525	40.1	35.3	63	10															5					20-21
21 50	26.520	38.3	33.8	64	0	0	AC	150	0	CI	230	0								0	0	.000			21-22
22 48	26.515	37.5	33.3	66	0															0					22-23
23 46	26.510	36.0	32.0	66	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 0342		0	0		40	38										
	0342	1	0	0	0	41	38		0								
	0944	2	0	0	0	44	36		0								
	1545	3	0	0	0	53	44		0								
	2145	4	0	0	0	52	38		0								
	MID.		0	0	0	38	36										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.590	26.500	26.520
BAROGRAPH 64	26.540	26.570	26.490	26.510
BAR. CORR. 65	+.010	+.020	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
53	36	0	0	0	14	SE	1437					10	9		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE ____ SUNSET ____

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

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

TIME CHECK - CLOCK AT: 0630 ±2 Sec./ 2030 ±2 Sec./ ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

U.S. G.P.O. 1982-564-008/1124

MF 1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVERS INITIALS (15)
SA	0049	CLR	20			120	36	25	34	04		990	807 1001	EP
SA	0147	CLR	20			119	35	24	00	00		989		EP
SA	0250	CLR	20			116	35	24	02	06		988		EP
SA	0348	110 SCT 250 SCT	20			114	34	23	04	07		987	807 1071 34 RADAT 53092	EP
SA	0445	110 SCT	20			116	33	26	00	00		987		EP
SA	0547	CLR	20			119	32	25	08	03		987		EP
SA	0646	CLR	20			124	32	25	36	05		988	303 1071	EP
SA	0747	CLR	20			124	38	26	33	02		990		EP
SA	0845	CLR	20			127	45	26	32	04		991		EP
SA	0947	CLR	20			121	50	27	03	03		990	003 1001 32	EP
SA	1048	CLR	20			116	54	28	01	05		988		EP
SA	1147	CLR	20			105	56	24	00	00		986		EP
SA	1250	CLR	20			097	58	23	27	07		984	817 1071	EP
SA	1348	CLR	20			085	59	21	22	07		981		EP
SA	1450	CLR	20			080	58	21	27	06		979		EP
SA	1548	250 SCT	20			084	58	20	24	06		980	514 1001 59 RADAT 42095	EP
SA	1646	CLR	20			084	53	22	16	03		979		EP
SA	1748	CLR	20			093	45	29	07	04		980		EP
SA	1846	CLR	20			097	42	30	06	04		980	302 1001	EP
SA	1947	CLR	20			091	41	28	08	04		980		EP
SA	2047	CLR	20			095	39	28	36	06		981		EP
SA	2146	CLR	20			093	40	28	08	04		982	305 59	EP
SA	2245	CLR	20			089	37	27	11	07		981		EP
SA	2346	CLR	20			086	37	27	08	07		981		EP

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.500	35.7	31.5	65	0	0	Ci	230												0	8	.020			00-01
01 47	26.495	35.3	31.1	64	0															0					01-02
02 50	26.490	35.0	30.9	64	0															0					02-03
03 48	26.480	34.3	30.1	63	3	2	Ac	110	1	Ci	250	3								3	8	.020			03-04
04 45	26.480	32.6	30.0	75	1															1					04-05
05 47	26.480	31.9	29.5	76	0															0					05-06
06 46	26.490	32.0	29.5	75	0	0	Ac	120	0	Ci	250	0								0	3	.010			06-07
07 47	26.500	36.0	33.2	62	0															0					07-08
08 45	26.510	44.7	36.8	47	0															0					08-09
09 47	26.500	49.7	39.7	40	0	0	Ci	250												0	0	.010			09-10
10 48	26.490	53.6	42.0	36	0															0					10-11
11 47	26.465	56.0	42.0	28	0															0					11-12
12 50	26.450	58.2	43.0	25	0	0	Ac	150	0	Ci	250	0								0	8	.050			12-13
13 48	26.420	58.8	42.8	23	0															0					13-14
14 50	26.400	58.4	42.6	23	0															0					14-15
15 48	26.410	57.9	42.1	23	1	1	Ci	250												1	5	.040			15-16
16 46	26.400	53.0	40.2	30	0															0					16-17
17 48	26.410	45.1	38.0	52	0															0					17-18
18 46	26.415	42.1	36.8	61	0	0	Ci	250												0	3	.005			18-19
19 47	26.410	41.3	35.7	59	0															0					19-20
20 47	26.425	39.0	34.5	65	0															0					20-21
21 46	26.430	40.2	35.0	61	0															0	3	.015			21-22
22 45	26.420	36.8	33.0	68	0															0					22-23
23 46	26.420	36.5	32.6	68	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 0344	X	0	0	X	36	34	X	X						X		
	0344	1	0	0	0	38	34		0								
	0943	2	0	0	0	50	32		0								
	1543	3	0	0	0	59	50		0								
	2143	4	0	0	0	58	39		0								
	MID.	X	0	0	0	40	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.500	26.410	26.430
BAROGRAPH 64	26.470	26.500	26.420	26.430
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 UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	32	0	0	0	10	N	0118					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0650? ±2 Sec./ 2040? ±2 Sec./ ± Sec.

X BAROGRAPH CHART CHANGED RESET TO ±.0 CORR

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. U.S. G.P.O. 1982-564-008/1124

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (09-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	CLR	20			085	35	27	08	04		980	605	EP
SA	0147	CLR	20			086	33	27	01	03		980		EP
SA	0250	CLR	20			080	33	27	10	03		979		EP
SA	0348	CLR	20			085	33	27	08	03		980	502 32 RADAT 53103	CRD
SA	0447	CLR	20			084	33	27	03	03		979		CRD
SA	0547	CLR	20			093	32	27	15	03		980		CRD
SA	0648	180 SCT	20			093	36	29	04	02		980	500 1030	CRD
SA	0745	100 SCT 180 SCT E250 BKN	20			093	43	28	16	05		981		CRD
SA	0847	100 SCT 180 SCT E250 BKN	20			096	45	27	30	04		982		CRD
SA	0948	100 SCT E180 BKN 250 OVC	20			093	48	28	12	02		981	003 1257 32	CRD
SA	1045	80 SCT 150 SCT E250 BKN	20			082	53	31	11	10		980		CRD
SA	1149	80 SCT 150 SCT E250 OVC	20			071	56	32	19	12 G25		976		CRD
SA	1248	80 SCT E150 BKN 250 OVC	20			063	59	33	18	21 G31		974	720 1257	CRD
SA	1347	80 SCT E150 BKN 250 OVC	20			065	57	35	19	17 G26		974		CRD
SA	1448	80 SCT E150 BKN 250 BKN	20			066	57	33	19	20 G28		974		CRD
SA	1549	80 SCT 150 SCT E250 BKN	20			061	56	34	19	15 G28		973	805 1578 60 RADAT 91 L080 091/06	CRD
SA	1645	E80 BKN	20			060	55	35	19	13 G26		972		CRD
SA	1748	E80 BKN	20			067	54	36	20	17 G28		974		CRD
SA	1849	E80 BKN	20			063	54	36	21	13		973	102 1500	CRD
SA	1945	50 SCT E150 BKN 250 OVC	20			061	54	36	18	17 G27		973		CRD
SA	2046	50 SCT E80 BKN 150 OVC	20			063	54	38	19	14 G30		974		CRD
SA	2149	E80 OVC	20			053	54	38	18	23 G34		972	803 1511 60	CRD
SA	2246	E70 BKN	20			049	54	38	18	24 G36		972	PK WND 1936/42	CRD
SA	2345	E70 BKN	20			047	54	40	22	20 G30		972		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 18

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 48	26.415	34.7	31.5	72	0															0	6	.015			00-01
01 47	26.415	33.3	30.9	78	0															0					01-02
02 50	26.400	33.3	30.8	77	0															0					02-03
03 48	26.410	33.0	30.6	77	0															0	5	.005			03-04
04 47	26.400	32.5	30.4	80	0															0					04-05
05 47	26.410	32.5	30.4	81	0															0					05-06
06 48	26.410	36.3	33.2	74	4	4	AC	180												4	5	.000			06-07
07 45	26.420	42.6	36.6	57	7															6					07-08
08 47	26.430	45.3	37.6	49	9															8					08-09
09 48	26.420	47.9	39.4	47	10	2	CU	100	4	AC	E180	6	4	CS	250	10				9	0	.010			09-10
10 45	26.410	53.3	42.0	43	9															7					10-11
11 49	26.380	56.3	44.7	39	10															9					11-12
12 48	26.360	59.2	46.4	37	10	2	CU	80	5	AC	E150	7	3	CS	250	10				9	7	.060			12-13
13 47	26.360	57.2	46.0	42	10															9					13-14
14 48	26.360	56.8	45.4	41	9															8					14-15
15 49	26.345	56.0	45.4	44	7	3	SC	80	1	AC	150	4	3	CS	E250	7				7	8	.015			15-16
16 45	26.340	55.2	45.2	46	6															6					16-17
17 48	26.360	54.1	45.0	50	7															7					17-18
18 49	26.350	54.2	45.3	50	8	8	SC	E80												8	1	.005			18-19
19 45	26.345	53.8	45.1	52	10															10					19-20
20 46	26.360	53.9	45.7	54	10															10					20-21
21 48	26.340	54.2	46.0	55	10	10	SC	E80												10	8	.010			21-22
22 46	26.340	53.7	45.7	55	9															9					22-23
23 45	26.340	53.8	46.5	59	8															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	37	32	X	X						X		
	0342	1	0	0	0	40	32		0								
	0940	2	0	0	0	49	32		0								
	1546	3	0	0	0	60	47		0								
	2143	4	0	0	0	56	53		0								
	MID.	X	0	0	0	55	52	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.420	26.345	26.340
BAROGRAPH 64	26.410	26.420	26.355	26.340
BAR. CORR. 65	±0	±0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 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
60	32	0	0	0	36	S	2242					9	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0919P ±2 Sec./ 1700P ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 1 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	E70 BKN	20			036	54	40	20	18 G 33		970	PK WND 1836/01 / 808 1500	CRD
SA	0145	E70 BKN	20			035	54	40	20	20 G 32		969		CRD
SA	0251	70 SCT	20			037	53	39	20	17 G 25		970		CRD
SA	0346	70 SCT	20			039	54	40	20	14 G 27		970	102 1500 52 RADAT 85087	CRD
SA	0450	80 SCT	20			047	54	40	21	17 G 27		972	PK WND 1937/04	008
SA	0547	80 SCT	20			052	53	39	18	20 G 28		973		008
SA	0649	80 SCT 180 SCT	20			063	54	35	22	24 G 32		976	220 1240	008
SA	0750	80 SCT 250 SCT	20			075	54	35	18	18 G 28		980		008
SA	0847	80 SCT 250 SCT	20			085	57	30	21	10		983		008
SA	0948	80 SCT 250 SCT	20			092	58	32	20	10 G 17		985	127 1201 47	008
SA	1050	80 SCT 250 SCT	20			095	57	32	23	11 G 16		986		008
SA	1148	100 SCT	20			093	59	30	24	10 G 18		986		008
SA	1247	100 SCT 200 SCT	20			095	60	29	24	10		986	203 1201	008
SA	1347	100 SCT 200 SCT	20			095	58	28	24	09 G 15		986		008
SA	1448	100 SCT 200 SCT	20			095	60	28	19	09		986		008
SA	1550	80 SCT 300-BKN	20			095	58	29	22	10		986	400 1109 61 RADAT 66090	CRD
SA	1647	80 SCT 300-BKN	20			100	54	30	22	11		987		CRD
SA	1748	80 SCT 300-BKN	20			108	52	30	23	08		988		CRD
SA	1846	80 SCT 300-BKN	20			116	50	29	01	03		991	214 1108	CRD
SA	1946	300 SCT	20			113	47	30	33	03		990		CRD
SA	2047	300 SCT	20			114	48	30	22	02		991		CRD
SA	2146	CLR	20			115	46	30	05	07		991	500 61	CRD
SA	2245	CLR	20			117	44	30	03	07		991		CRD
SA	2345	CLR	20			117	42	32	03	07		991		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_X$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 14

To convert LST to GMT ADD X 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 49	26.315	53.8	46.4	58	8	8	Sc	E70												8	8	.025			00-01
01 45	26.310	54.2	46.8	59	7															7					01-02
02 51	26.315	53.0	45.8	59	5															5					02-03
03 46	26.320	54.1	46.7	58	5	5	Sc	70												5	1	.005			03-04
04 50	26.340	54.2	46.7	58	5															5					04-05
05 47	26.350	52.9	45.9	59	5															5					05-06
06 49	26.380	53.8	44.6	49	3	2	cu	80	1	ACSL	180	3								3	2	.060			06-07
07 50	26.410	53.9	44.6	48	2															2					07-08
08 47	26.440	56.8	44.2	35	2															2					08-09
09 48	26.460	57.8	45.3	37	2	1	cu	80	1	ci	250	2								2	1	.080			09-10
10 50	26.470	56.9	44.8	38	2															2					10-11
11 48	26.465	58.9	45.2	33	2															2					11-12
12 47	26.470	59.8	45.4	31	~~3~~ 4	3	cu	100	1	ci	200	4								3	2	.010			12-13
13 47	26.470	58.0	44.1	31	5															4					13-14
14 48	26.470	59.9	45.1	29	3															3					14-15
15 50	26.470	57.6	44.2	33	8	1	cu	80	7	cc	300	8								3	4	.000			15-16
16 47	26.480	54.4	43.0	38	7															3					16-17
17 48	26.490	52.0	42.1	43	6															3					17-18
18 46	26.510	49.7	40.3	44	6	1	cu	80	5	cs	300	6								3	2	.040			18-19
19 46	26.500	47.2	39.6	51	3															3					19-20
20 47	26.510	47.8	39.8	50	2															2					20-21
21 46	26.510	45.6	38.7	54	0															0	5	.000			21-22
22 45	26.510	43.5	37.6	59	0															0					22-23
23 45	26.510	42.1	37.5	66	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 0343	X	0	0	X	55	52	X	X						X		
	0343	1	0	0	0	55	52		0								
	0942	2	0	0	0	59	52		0								
	1546	3	0	0	0	61	57		0								
	2144	4	0	0	0	54	45		0								
	MID.	X	0	0	0	46	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.320	26.460	26.470	26.510
BAROGRAPH 64	26.320	26.460	26.470	26.510
BAR. CORR. 65	0	±0	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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	42	0	0	0	37	S	0904					3	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 1110P ±2 Sec./ 1830 ±2 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 20

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 (14)	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)	OBSERVERS INITIALS (15)
SA	0045	CLR	20			116	41	32	06	02		991	400	CRD
SA	0146	CLR	20			119	39	31	01	05		991		CRD
SA	0249	CLR	20			118	39	31	23	03		991		CRD
SA	0350	CLR	20			128	38	31	01	06		993	307 38 RADAT 74071	008
SA	0445	CLR	20			127	39	30	25	06		993		008
SA	0547	E 50 BKN	20			139	39	32	09	02		995		008
SA	0649	70 SCT 180 SCT 250 SCT	20			144	38	32	03	04		996	310 1532	008
SA	0747	70 SCT 180 SCT 250 SCT	20			155	42	33	31	03		999		008
SA	0848	180 SCT 250 SCT	20			159	45	31	25	02		002		008
SA	0949	CLR	20			162	49	32	23	04		003	120 1100 38	008
SA	1050	CLR	20			152	52	31	27	05		002		008
SA	1148	CLR	20			151	53	31	23	06		999		008
SA	1248	120 SCT 250 SCT	20			147	55	30	19	08		998	714 1101	008
SA	1349	120 SCT 250-BKN	20			147	54	30	22	09		998		008
SA	1445	120 SCT 250-BKN	20			149	53	30	22	08		998		008
SA	1547	90 SCT 250-OVC	20			154	52	33	21	08		999	303 1507 55 RADAT 58073	CRD
SA	1646	90 SCT 250-OVC	20			155	49	30	23	06		999		CRD
SA	1748	250-OVC	20			165	45	31	05	02		002		CRD
SA	1848	250-OVC	20			175	42	32	09	02		004	314 1007	CRD
SA	1949	250-BKN	20			177	41	30	08	02		005		CRD
SA	2046	250-SCT	20			176	40	30	07	03		005		CRD
SA	2149	250-SCT	20			178	39	30	11	05		006	307 1008 55	CRD
SA	2245	250-SCT	20			178	38	31	12	05		006		CRD
SA	2345	250-SCT	20			178	38	31	13	04		006		CRD

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 20

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 45	26.510	41.0	37.2	71	0															0	4	.006			00-01
01 46	26.510	39.4	35.8	72	0															0					01-02
02 49	26.510	38.8	35.3	72	0															0					02-03
03 50	26.530	38.4	35.1	73	0															0	3	.020			03-04
04 45	26.530	39.2	35.3	69	0															0					04-05
05 47	26.550	39.4	36.0	73	7															7					05-06
06 49	26.560	38.2	35.4	77	5	2	sc	70	2	ac	180	4	1	ci	250	5				4	3	.030			06-07
07 47	26.590	42.4	38.1	69	5															4					07-08
08 48	26.610	45.2	38.8	57	3															3					08-09
09 49	26.620	49.1	41.2	51	0	0	cu	70												0	1	.060			09-10
10 50	26.610	51.7	42.1	45	0															0					10-11
11 48	26.590	52.6	42.6	44	0															0					11-12
12 48	26.580	54.8	43.4	39	3	1	cu	120	2	ci	250	3								2	7	.040			12-13
13 49	26.580	54.3	43.1	39	8															2					13-14
14 45	26.580	53.3	42.7	41	8															3					14-15
15 47	26.590	52.2	43.2	48	10	1	Sc	90	9	Cs	250	10								5	3	.010			15-16
16 46	26.590	49.1	40.4	47	10															5					16-17
17 48	26.610	45.4	39.0	57	10															3					17-18
18 48	26.630	42.0	37.4	66	10	10	Cs	250												4	3	.040			18-19
19 49	26.640	40.6	36.2	67	8															3					19-20
20 46	26.640	39.7	35.4	67	5															2					20-21
21 49	26.650	39.1	35.2	69	3	3	Cs	250												1	3	.020			21-22
22 45	26.650	38.1	34.9	74	2															1					22-23
23 45	26.650	37.8	34.8	76	2															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	42	38	X	X						X		
	0344	1	0	0	0	46	38		0								
	0941	2	0	0	0	51	38		0								
	1544	3	0	0	0	55	49		0								
	2143	4	0	0	0	53	38		0								
	MID.	X	0	0	0	39	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.620	26.590	26.650
BAROGRAPH 64	26.525	26.630	26.595	26.655
BAR. CORR. 65	+.005	-.010	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
55	37	0	0	0	17	SW	1405					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0906P ±2 Sec./1 2100P ±2 Sec./1 ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	250 SCT	20			181	37	30	05	03		007	303 1008	CRD
SA	0147	250 SCT	20			182	37	30	09	03		008		CRD
SA	0250	250 SCT	20			178	36	30	13	03		006		CRD
SA	0350	250 -SCT	20			178	35	29	08	03		006	803 1008 34 RADAT 74068	JD
SA	0449	250 -SCT	20			183	35	28	00	00		007		JD
SA	0547	250 -BKN	20			190	35	28	09	03		008		JD
SA	0648	140 SCT 250 -BKN	20			192	34	29	11	03		008	005 1058	JD
SA	0747	E140 BKN 250 OVC	20			193	38	29	18	02		008		JD
SA	0847	140 SCT 250 -OVC	20			200	39	29	00	00		011		JD
SA	0947	140 SCT 250 -BKN	20			197	44	30	25	02		011	108 1178 33	JD
SA	1046	250 -BKN	20			186	49	31	18	02		008		JD
SA	1148	250 -BKN	20			179	51	30	29	05		007		JD
SA	1247	250 -BKN	20			171	53	30	23	05		005	819 1178	JD
SA	1346	250 -BKN	20			170	52	30	22	09		004		JD
SA	1450	250 SCT	20			172	51	29	20	04		004		JD
SA	1548	250 SCT	20			164	51	29	22	05		002	808 1008 54 RADAT 45073	JK
SA	1649	CLR	20			173	46	29	25	04		004		JK
SA	1746	CLR	20			180	43	29	04	04		005		JK
SA	1845	CLR	20			184	40	30	05	03		005	110 1001	JK
SA	1947	CLR	20			188	38	29	06	05		007	CI SW	JK
SA	2045	CLR	20			184	39	30	06	03		007	CI S THRU SW	JK
SA	2149	CLR	20			184	38	29	05	04		007	103 1001 54	JK
SA	2248	250 SCT	20			184	37	30	07	02		008		JK
SA	2345	250 SCT	20			175	37	30	00	00		005		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: IIiii $i_R i_x h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ 7wwW$_1$W$_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 21

To convert LST to GMT ADD ___ 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 46	26.660	37.2	34.1	75	3	3	Cs	250												2	3	.010			00-01
01 47	26.665	37.3	34.3	75	3															2					01-02
02 50	26.650	35.8	33.3	79	2															2					02-03
03 50	26.650	34.8	32.6	81	2	2	Cs	250												1	8	.010			03-04
04 49	26.655	34.8	32.2	77	2															1					04-05
05 47	26.670	35.0	32.2	75	7															0					05-06
06 48	26.665	33.7	31.6	81	9	1	Ac	140	8	Cs	250	9								2	0	.015			06-07
07 47	26.670	37.6	33.9	70	10															10					07-08
08 47	26.690	38.7	34.8	69	10															4					08-09
09 47	26.690	44.4	38.2	58	8	0	Cu	40	1	Ac	140	1	7	Cs	250	8				2	1	.025			09-10
10 46	26.670	49.3	40.8	48	7															3					10-11
11 48	26.655	51.2	41.6	44	9															4					11-12
12 47	26.635	53.2	42.4	40	8	0	Cu	40	0	Ac	140	0	8	Cs	250	8				3	8	.055			12-13
13 46	26.630	51.6	41.7	43	6															2					13-14
14 50	26.630	50.5	40.9	43	1															1					14-15
15 48	26.610	51.0	41.0	42	1	1	Cs	250												1	8	.025			15-16
16 49	26.630	46.3	38.8	51	0															0					16-17
17 46	26.640	43.0	37.0	57	0															0					17-18
18 45	26.640	40.3	35.8	66	0	0	Ci	250												0	1	.030			18-19
19 47	26.650	37.8	34.3	71	0															0					19-20
20 45	26.650	38.8	35.1	71	0															0					20-21
21 49	26.650	37.8	34.3	71	0	0	Ci	250												0	1	.010			21-22
22 48	26.660	36.7	34.0	77	3															2					22-23
23 45	26.640	36.8	33.8	75	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	38	34	X	X						X		
	0345	1	0	0	0	39	34		0								
	0944	2	0	0	0	44	33		0								
	1545	3	0	0	0	54	44		0								
	2145	4	0	0	0	51	37		0								
	MID.	X	0	0	0	38	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.690	26.610	26.650
BAROGRAPH 64	26655	26.700	26.610	26.640
BAR. CORR. 65	-.005	-.010*	+.0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
54	33	0	0	0	16	SW	1348					7	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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0507P ±2Sec. 1800P ±2Sec. ± Sec.

* Barograph Changed 1048P 0 corr

MF1-10B (1-82) SUPERSEDES MF1-10B (2-73) WHICH MAY BE USED.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. INITIALS (15)
SA	0048	250 SCT	20			170	36	30	01	04		004	807 1008	JK
SA	0145	E 250 BKN	20			170	38	30	05	03		004		JK
SA	0245	E 250 OVC	20			163	37	30	00	00		002		JK
SA	0350	180 SCT E 250 OVC	20			166	37	31	12	03		003	703 1077 35 RADAT 49107	JD
SA	0449	180 SCT 250 - BKN	20			166	36	30	28	03		002		JD
SA	0547	180 SCT E250 OVC	20			167	37	31	05	03		002		JD
SA	0648	E230 OVC	20			171	37	32	31	02		003	502 1077	JD
SA	0747	E 220 OVC	20			177	39	31	09	03		004		JD
SA	0847	110 SCT E 180 OVC	20			174	43	32	08	03		004		JD
SA	0947	90 SCT E110 BKN 180 OVC	20			175	46	30	11	04		005	207 117/ 365	JD
SA	1047	80 SCT E100 BKN 180 OVC	20			174	48	30	36	04		004		JD
SA	1147	E80 BKN 120 OVC	20			164	49	31	27	03		002		JD
SA	1250	50 SCT E80 OVC	20			156	50	30	15	04		999	815 162/	JD
SA	1346	40 SCT E60 OVC	20			155	50	30	12	05		999		JD
SA	1450	50 SCT E70 OVC	20			156	49	30	11	10		999		JD
SA	1549	E70 OVC	20			157	49	30	12	10		999	400 102/ 50 RADAT 68071	JK
SA	1650	40 SCT E 58 OVC	20			153	49	29	12	08		998		JK
SA	1747	E 50 OVC	20			160	48	31	17	04		001	CIG RGD	JK
SA	1848	E 50 OVC	20			161	47	32	04	08		001	CIG RGD / 103 15//	JK
SA	1945	E 50 OVC	20		R-	168	45	36	03	10		003	RB33	JK
SA	2046	E30 BKN 50 OVC	10		R-	172	43	39	02	09		004	R- ONLY R	JK
SA	2145	E50 OVC	10		R-	174	42	38	02	08		005	CIG RGD / 31401 15// 50	JK
SA	2246	E 50 OVC	10		R-	174	42	38	03	10		005		JK
SA	2348	30 SCT E 50 OVC	10		R-	174	42	37	03	07		005		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 22

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 48	26.630	35.8	33.2	78	3	3	CS	250												2	8	.020			00-01
01 45	26.630	37.5	34.2	73	7															6					01-02
02 45	26.610	37.3	34.2	74	10															9					02-03
03 50	26.620	37.3	34.8	79	10	3	AC	180	7	CS	E250	10								10	7	.010			03-04
04 49	26.610	35.9	33.5	80	9															4					04-05
05 47	26.610	37.4	34.6	77	10															8					05-06
06 48	26.615	37.4	34.9	79	10	0	AC	180	10	CS	E230	10								10	5	.005			06-07
07 47	26.630	39.4	35.9	73	10															10					07-08
08 47	26.630	42.6	37.7	65	10															10					08-09
09 47	26.635	46.1	38.8	52	10	0	CU	30	3	AS	90	3	5	AC	E110	8	2	AS	180	10	2	.020			09-10
10 47	26.630	47.5	39.5	49	10															10					10-11
11 47	26.610	49.0	40.6	49	10															10					11-12
12 50	26.590	49.8	40.7	45	10	2	ST	50	10	AS	E80	10								10	8	.045			12-13
13 46	26.590	49.7	40.9	47	10															10					13-14
14 50	26.590	49.0	40.4	47	10															10					14-15
15 49	26.590	48.8	40.2	47	10	10	AS	E70												10	4	.000			15-16
16 50	26.580	49.0	40.0	45	10															10					16-17
17 47	26.600	48.2	40.5	52	10															10					17-18
18 48	26.600	47.3	40.4	55	10	10	SC	E50												10	1	.010			18-19
19 45	26.620	45.3	41.0	70	10															10					19-20
20 46	26.630	43.4	41.0	84	10															10					20-21
21 45	26.640	42.2	40.0	84	10	10	SC	E50												10	3	.040			21-22
22 46	26.640	42.2	40.0	84	10															10					22-23
23 48	26.640	42.0	39.8	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	0	0	X	38	35	X	X						X		
	0345	1	0	0	0	38	35		0								
	0944	2	0	0	0	46	36		0								
	1545	3	0	0	0	50	46		0								
	2143	4	.01	0	0	49	42		1								
	MID.	X	.01	0	0	42	42	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.635	26.590	26.640
BAROGRAPH 64	26.610	26.625	26.580	26.620
BAR. CORR. 65	+.010	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Knots) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
50	35	.02	0	0	15	N	1852					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1933	2015			
R	2015	2020			
R-	2020	CONT			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0511 P ±1 Sec./ 1910 ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 23

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	30 SCT E50 OVC	10		R-	174	41	37	05	10		005	40001 1511	JK
SA	0145	30 SCT E50 OVC	10			169	41	37	04	07		004	RE05	JK
SA	0245	20 SCT E50 OVC	15			173	42	36	05	08		005		JK
SA	0350	25 SCT E50 OVC	20			173	42	36	04	08		005	50001 1511 41 20003²	/
	/												RADAT 92059	JD
SA	0447	25 SCT E50 OVC	20			169	42	35	03	08		004		JD
SA	0547	25 SCT E50 OVC	20			174	42	36	08	04		005		JD
SA	0648	25 SCT E45 BKN 60 OVC	20			177	43	36	10	08		006	MTN TPS SE OBSCD	/
	/												303 1511	JD
SA	0748	25 SCT E45 BKN 60 OVC	20			185	43	36	08	06		008	MTN TPS SE OBSCD	JD
SA	0848	25 SCT E45 BKN 60 OVC	20			186	44	36	04	04		008	MTN TPS SE OBSCD	JD
SA	0946	25 SCT E50 OVC	20			192	46	34	02	08		011	BINOVC MTN TPS SE OBSCD	/
	/												212 1511 41	JD
SA	1049	30 SCT E50 OVC	20		RW-	183	47	32	03	09		008	RB43	JD
SA	1150	E50 BKN	20			175	48	32	04	07		006	RE02	JD
SA	1249	E50 BKN 70 BKN	20			168	51	33	04	09		004	81900 1570	JD
SA	1346	E50 BKN 70 OVC	20			167	50	29	07	07		004	BINOVC	JD
SA	1450	E50 BKN 70 OVC	20			170	49	29	09	10		004	HIR CLDS VSB	JD
SA	1549	50 SCT E90 BKN 250 OVC	20			168	49	29	09	10		004	50000 1571 51 RADAT 7406A	JK
SA	1645	E50 BKN 90 BKN 200 OVC	20			171	48	27	10	10		004		JK
SA	1748	E50 BKN 90 BKN 200 OVC	20			174	48	27	11	09		005		JK
SA	1847	50 SCT 90 SCT E200 OVC	20			178	48	29	11	08		006	307 1578	JK
SA	1945	50 SCT E200 OVC	20			188	47	29	02	04		007		JK
SA	2049	50 SCT 90 SCT E200 OVC	20			182	46	30	05	07		007		JK
SA	2147	50 SCT E90 BKN 200 OVC	20			181	45	30	03	10		007	103 1578 51	JK
SA	2248	50 SCT E90 BKN 200 OVC	20			178	45	30	03	08		007		JK
SA	2345	50 SCT E90 BKN 200 OVC	20			178	45	30	04	08		007		JK

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 23

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 48	26.640	41.2	39.2	85	10	2	STFRA	30	8	Sc	E50	10								10	4	.000			00-01
01 45	26.630	41.2	39.2	85	10															10					01-02
02 45	26.640	41.9	39.3	81	10															10					02-03
03 50	26.640	41.9	39.3	81	10	2	SCFRA	25	10	Sc	E50	10								10	5	.000			03-04
04 47	26.630	41.7	38.8	78	10															10					04-05
05 47	26.640	41.9	39.0	78	10															10					05-06
06 48	26.650	42.7	39.4	76	10	1	CUFRA	25	6	Sc	E45	7	3	Sc	60	10				10	3	.010			06-07
07 48	26.670	43.4	39.8	74	10															10					07-08
08 48	26.670	44.1	40.1	72	10															10					08-09
09 46	26.685	45.9	40.2	62	10	1	CUFRA	25	10	Sc	E50	10								10	2	.035			09-10
10 49	26.665	47.0	40.2	56	10															10					10-11
11 50	26.645	48.2	40.8	54	9															9					11-12
12 49	26.630	50.9	42.4	50	9	8	Sc	E50	1	Ac	70	9								9	8	.055			12-13
13 46	26.625	49.8	40.6	45	10															10					13-14
14 50	26.630	48.8	40.0	46	10															10					14-15
15 49	26.630	49.0	40.0	45	10	3	Sc	50	6	Ac	E90	9	1	Ci	250	10				10	5	.000			15-16
16 45	26.630	48.1	39.0	44	10															10					16-17
17 48	26.640	48.0	39.0	44	10															10					17-18
18 47	26.650	47.5	39.0	48	10	3	Sc	50	1	Ac	90	4	6	Cs	E260	10				8	3	.020			18-19
19 45	26.660	47.0	39.0	51	10															9					19-20
20 49	26.660	45.9	38.9	49	10															10					20-21
21 47	26.660	45.0	38.3	55	10	2	Sc	50	5	Ac	E90	7	3	Cs	200	10				10	1	.010			21-22
22 48	26.660	44.8	38.1	55	10															10					22-23
23 45	26.660	44.8	38.2	55	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 0344		T	0		42	41										
	0344	1	.01	0	0	42	41		2								
	0943	2	0	0	0	46	42		1								
	1545	3	T	0	0	51	46		0								
	2144	4	0	0	0	49	45		0								
	MID.		0	0	0	45	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.685	26.630	26.660
BAROGRAPH 64	26.625	26.675	26.620	26.650
BAR. CORR. 65	+.015	+.010	+.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
51	41	T	0	0	15	E	1406					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	CONT.	0105			
RW-	1043	1102			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0513P ±2Sec. 1800P ±1 Sec. ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 24

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	E 90 BKN 200 OVC	20			174	44	30	02	10		006	803 1078	JK
SA	0147	90 SCT 200 SCT	20			174	44	28	02	08		006		JK
SA	0245	CLR	20			174	40	29	05	08		005		JK
SA	0349	250 - SCT	20			176	42	25	05	11		006	500 1078 40 RADAT 65084	JD
SA	0448	250 - SCT	20			181	41	27	03	09		007		JD
SA	0547	120 SCT 250 - BKN	20			185	41	25	03	12		008		JD
SA	0648	120 SCT 250 - OVC	20			192	39	26	03	08		011	312 1078	JD
SA	0746	120 SCT 250 - BKN	20			194	43	25	03	05		012		JD
SA	0846	120 SCT 250 - BKN	20			194	47	25	06	06		012		JD
SA	0949	250 - SCT	20			193	49	26	07	09		012	105 1038 39	JD
SA	1047	250 - SCT	20			184	52	27	07	10		009		JD
SA	1146	250 - SCT	20			175	54	28	12	10		007		JD
SA	1248	250 - SCT	20			167	56	29	12	10		005	820 1101	JD
SA	1347	250 - SCT	20			164	56	30	12	10		004		JD
SA	1450	250 - SCT	20			166	56	29	12	08		004		JD
SA	1550	250 - SCT	20			172	55	28	12	08		006	302 1071 56 RADAT 75081	WRG
SA	1650	250 - SCT	20			182	51	30	08	06		008		WRG
SA	1750	CLR	20			185	48	30	11	11		008		WRG
SA	1850	CLR	20			194	49	29	11	12		011	215	WRG
SA	1950	CLR	20			191	47	29	03	08		011		WRG
SA	2050	CLR	20			187	45	29	04	06		010		WRG
SA	2150	CLR	20			188	42	29	07	03		010	603 56	WRG
SA	2250	CLR	20			189	43	29	06	09		011		WRG
SA	2350	CLR	20			189	41	29	08	07		011		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 24

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 49	26.650	44.0	38.6	59	10	8	AC	E90	2	CS	200	10								10	8	.010			00-01
01 47	26.650	44.0	37.2	53	4															3					01-02
02 45	26.640	40.3	35.5	64	0															0					02-03
03 49	26.660	41.8	35.1	52	2	0	AC	120	2	CS	250	2								1	5	.000			03-04
04 48	26.660	40.7	34.9	57	3															1					04-05
05 47	26.670	41.2	34.6	52	8															3					05-06
06 48	26.685	39.4	33.9	58	10	5	AC	120	5	CS	250	10								4	3	.035			06-07
07 46	26.695	43.4	36.0	49	9															2					07-08
08 46	26.700	46.6	37.7	43	8															2					08-09
09 49	26.700	49.2	39.2	40	3	0	AC	120	3	CS	250	3								0	1	.015			09-10
10 47	26.675	51.8	40.9	38	2															0					10-11
11 46	26.660	53.8	42.2	37	2															0					11-12
12 48	26.640	55.8	43.4	35	1	0	CU	50	1	CI	250	1								0	8	.060			12-13
13 47	26.630	56.1	43.8	36	1															0					13-14
14 50	26.630	56.1	43.7	35	1															0					14-15
15 50	26.645	55.2	42.9	35	1	0	AC	160	1	CI	250	1								0	3	.005			15-16
16 50	26.665	50.6	41.3	44	1															0					16-17
17 50	26.670	49.0	40.0	50	0															0					17-18
18 50	26.690	49.0	40.1	46	0															0	2	.045			18-19
19 50	26.690	47.4	39.2	48	0															0					19-20
20 50	26.680	45.4	38.3	52	0															0					20-21
21 50	26.680	41.8	36.4	60	0															0	6	.010			21-22
22 50	26.690	43.2	37.1	57	0															0					22-23
23 50	26.690	41.4	36.0	60	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 0345	X	0	0	X	45	40	X	X						X		
	0345	1	0	0	0	45	40		0								
	0945	2	0	0	0	49	39		0								
	1546	3	0	0	0	56	49		0								
	2146	4	0	0	0	55	42		0								
	MID.	X	0	0	0	44	41	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.700	26.645	26.640
BAROGRAPH 64	26.635	26.695	26.640	26.665
BAR. CORR. 65	+.015	+.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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
56	39	0	0	0	17	E	1057					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0511P ± 2 Sec. / 2223P ± 2 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			189	40	28	19	03		011	103	WRG
SA	0150	CLR	20			189	38	29	06	03		011		WRG
SA	0250	CLR	20			189	40	28	10	03		011		WRG
SA	0351	CLR	20			196	40	29	10	09		013	307 38 RADAT 51L086093	HS
SA	0448	CLR	20			199	40	29	05	06		013		HS
SA	0548	CLR	20			200	41	30	11	03		013		HS
SA	0646	CLR	20			207	36	29	02	06		014	303	HS
SA	0746	CLR	20			208	42	30	09	06		015		HS
SA	0848	CLR	20			214	47	29	03	15		017		HS
SA	0950	CLR	20			217	52	29	07	06		019	315 36	HS
SA	1046	CLR	20			207	54	29	04	07		016		HS
SA	1147	CLR	20			194	57	29	01	09		013		HS
SA	1247	CLR	20			186	59	30	36	08		011	725	HS
SA	1347	CLR	20			186	60	28	03	11		011		HS
SA	1450	CLR	20			183	60	27	05	08		010		HS
SA	1550	CLR	20			182	59	29	04	07		010	603 60 RADAT 20098	WRG
SA	1650	CLR	20			194	51	31	05	09		012		WRG
SA	1750	CLR	20			199	52	30	04	10		013		WRG
SA	1850	CLR	20			207	48	27	02	12		014	214	WRG
SA	1950	CLR	20			208	50	27	02	14		015		WRG
SA	2050	CLR	20			212	47	27	06	14		017		WRG
SA	2150	CLR	20			217	46	27	02	14		019	217 60	WRG
SA	2250	CLR	20			217	45	27	02	16		019		WRG
SA	2350	CLR	20			221	45	25	03	17		021		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 25

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	26.690	40.4	35.4	62	0															0	1	.010			00-01
01 50	26.690	38.1	34.2	68	0															0					01-02
02 50	26.690	39.8	35.0	63	0															0					02-03
03 51	26.710	40.4	35.6	64	0															0	3	.020			03-04
04 48	26.710	40.4	35.7	64	0															0					04-05
05 48	26.710	40.6	36.0	65	0															0					05-06
06 46	26.720	36.2	33.1	74	0															0	3	.010			06-07
07 46	26.730	41.5	36.4	62	0															0					07-08
08 48	26.750	46.9	38.9	49	0															0					08-09
09 50	26.765	52.1	41.8	42	0															0	3	.045			09-10
10 46	26.740	53.8	42.6	39	0															0					10-11
11 47	26.710	57.2	44.1	34	0															0					11-12
12 47	26.690	59.3	45.4	32	0															0	7	.075			12-13
13 47	26.685	60.0	45.2	29	0															0					13-14
14 50	26.680	59.7	44.7	28	0															0					14-15
15 50	26.680	58.8	44.9	32	0															0	6	.010			15-16
16 50	26.700	51.3	41.8	45	0															0					16-17
17 50	26.710	51.8	41.8	43	0															0					17-18
18 50	26.720	47.9	39.0	44	0															0	2	.040			18-19
19 50	26.730	49.8	40.0	42	0															0					19-20
20 50	26.750	46.7	38.4	47	0															0					20-21
21 50	26.770	46.4	38.2	47	0															0	2	.050			21-22
22 50	26.770	45.3	37.4	47	0															0					22-23
23 50	26.780	45.0	36.7	45	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. 79 0346		0	0		41	38										
	0346	1	0	0	0	44	38		0								
	0945	2	0	0	0	53	36		0								
	1546	3	0	0	0	60	52		0								
	2146	4	0	0	0	59	46		0								
	MID.		0	0	0	47	45										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.765	26.680	26.770
BAROGRAPH 64	26.680	26.760	26.690	26.760
BAR. CORR. 65	+.030	*+.005	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
60	36	0	0	0	20	N	2354					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 SUNSET

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

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

TIME CHECK - CLOCK AT: 0952 P ±2 Sec./ 2353 ±2 Sec./ ± Sec.

*BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NM

DATE: 1982 NOV 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			223	43	25	19	05		022	2 07	WRG
SA	0150	CLR	20			223	44	22	06	16		022		WRG
SA	0250	CLR	20			224	42	22	05	18		022		WRG
SA	0350	CLR	20			221	46	18	06	10		022	400 41 RADAT 20124	HS
SA	0447	CLR	20			225	42	19	04	11		021		HS
SA	0546	CLR	20			234	40	20	10	07		023		HS
SA	0648	CLR	20			240	40	18	04	13		024	307	HS
SA	0748	CLR	20			236	44	17	04	10		024		HS
SA	0847	CLR	20			235	47	17	06	08		024		HS
SA	0948	CLR	20			231	50	16	02	12	G19	023	803 1001 38	HS
SA	1049	250 SCT	20			223	54	18	01	11	G22	022		HS
SA	1146	250 - SCT	20			216	57	12	05	13		020		HS
SA	1247	250 - SCT	20			203	57	6	05	14		016	822 1001	HS
SA	1348	250 - BKN	20			193	57	6	05	12		013		HS
SA	1450	250 - BKN	20			190	58	11	05	04		012		HS
SA	1550	250 - BKN	20			190	56	7	11	11		012	612 1001 59 RADAT 20121	WRG
SA	1650	250 - BKN	20			197	52	11	10	09		013		WRG
SA	1750	250 - BKN	20			208	49	11	13	13		015		WRG
SA	1850	250 - OVC	20			212	49	13	12	08		016	214 1007	WRG
SA	1950	250 - OVC	20			209	50	11	11	10		016		WRG
SA	2045	250 - OVC	20			207	50	11	08	10		016		WRG
SA	2150	250 - OVC	20			208	46	15	12	09		016	400 1007 59	WRG
SA	2250	250 - BKN	20			210	43	16	00	00		017		WRG
SA	2350	250 - SCT	20			207	40	17	07	06		016		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 26

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	26.790	43.2	35.9	49	0															0	2	.020				00-01
01 50	26.790	43.9	35.3	42	0															0						01-02
02 50	26.790	42.3	34.3	43	0															0						02-03
03 50	26.790	45.9	35.4	33	0															0	4	.000				03-04
04 47	26.780	42.1	33.4	39	0															0						04-05
05 46	26.800	40.3	32.8	44	0															0						05-06
06 48	26.810	40.0	31.9	40	0															0	3	.020				06-07
07 48	26.810	43.8	33.9	34	0															0						07-08
08 47	26.810	47.1	35.8	30	0															0						08-09
09 48	26.800	49.8	37.0	25	0	0	Ci	250												0	8	.010				09-10
10 49	26.785	54.2	39.8	24	1															1						10-11
11 45	26.770	57.0	40.0	17	3															1						11-12
12 47	26.735	57.4	39.3	13	4	4	Ci	250												1	8	.065				12-13
13 48	26.710	57.1	39.1	12	6															1						13-14
14 50	26.700	58.2	40.4	15	7															1						14-15
15 50	26.700	56.2	38.9	14	6	6	Ci	250												2	6	.035				15-16
16 50	26.710	52.0	37.2	19	6															3						16-17
17 50	26.730	49.5	35.3	22	8															4						17-18
18 50	26.740	49.2	36.2	23	10	10	CS	250												4	2	.040				18-19
19 50	26.740	50.1	36.2	20	10															4						19-20
20 45	26.740	49.6	36.0	21	10															4						20-21
21 50	26.740	46.2	34.8	28	10	10	CS	250												5	4	.000				21-22
22 50	26.750	43.3	33.4	33	8															4						22-23
23 50	26.740	40.0	31.7	39	5															2						23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 03 45	X	0	0	X	46	41	X	X						X		
	03 45	1	0	0	0	42	41		0								
	0944	2	0	0	0	51	38		0								
	1546	3	0	0	0	59	50		0								
	2146	4	0	0	0	56	46		0								
	MID.	X	0	0	0	46	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.790	26.800	26.700	26.740
BAROGRAPH 64	26.785	26.805	26.715	26.730
BAR. CORR. 65	+.005	-.005	-.015	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
59	38	0	0	0	24	N	1024					3	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0950P ⊙ 2 Sec./ 2351P ⊙ 2 Sec./ ± Sec.

SUPERSEDES MF1-10B (1-73) WHICH MAY BE USED

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 27

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)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250 SCT	20			204	39	16	03	09		015	803 1008	WRG
SA	0150	250 SCT	20			201	37	16	06	07		014		WRG
SA	0250	250 SCT	20			205	35	17	00	00		015		WRG
SA	0349	250 SCT	20			204	34	19	02	05		014	603 1008 33	
													RAD AT 42L089103	HS
SA	0447	CLR	20			200	33	19	34	07		012		HS
SA	0547	CLR	20			204	34	20	01	03		013		HS
SA	0648	CLR	20			209	32	20	07	04		014	500 1001	HS
SA	0748	CLR	20			212	38	24	36	02		016		HS
SA	0847	250 SCT	20			204	46	23	35	03		015		HS
SA	0948	250 - SCT	20			202	52	20	04	03		015	003 1031 32	HS
SA	1048	250 - BKN	20			195	56	16	00	00		013	AC NW	HS
SA	1148	250 - BKN	20			184	57	19	20	04		010	AC NE	HS
SA	1248	140 SCT 250 - OVC	20			172	59	21	20	10		007	727 1036	HS
SA	1348	250 - OVC	20			165	60	22	24	11		004		HS
SA	1450	250 - OVC	20			158	59	24	23	14		002		HS
SA	1550	160 SCT 250 - OVC	20			161	56	20	13	12		002	614 1036 60	
													RADAT 43L085094109	WRG
SA	1650	160 SCT E250 OVC	20			168	53	21	12	07		003		WRG
SA	1750	160 SCT E250 OVC	20			169	51	23	14	07		003		WRG
SA	1850	250 - OVC	20			174	48	24	07	06		004	207 1001	WRG
SA	1950	250 - OVC	20			167	49	22	14	09		003		WRG
SA	2045	250 - BKN	20			162	47	23	16	06		003		WRG
SA	2150	250 - SCT	20			161	42	23	36	02		003	603 1008 60	WRG
SA	2250	CLR	20			158	39	24	06	07		002		WRG
SA	2350	CLR	20			158	37	23	34	05		002		WRG

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 27

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	26.730	39.0	30.9	39	1	1	CS	250												1	8	.010			00-01
01 50	26.720	36.9	29.8	43	1															1					01-02
02 50	26.730	35.2	29.9	46	1															1					02-03
03 49	26.720	33.7	28.6	54	1	1	CS	250												1	6	.010			03-04
04 47	26.700	33.1	28.4	57	0															0					04-05
05 47	26.710	34.1	29.0	55	0															0					05-06
06 48	26.720	32.4	28.1	60	0	0	Ci	250												0	5	.000			06-07
07 48	26.740	38.4	32.9	57	0															0					07-08
08 47	26.730	46.2	36.7	39	1															1					08-09
09 48	26.730	51.7	38.9	28	2	0	Ac	150	2	Ci	250	2								1	0	.010			09-10
10 48	26.710	56.2	40.3	20	6															1					10-11
11 48	26.680	57.3	41.6	22	8															1					11-12
12 48	26.650	59.1	43.0	23	10	1	Ac	140	9	Ci	250	10								2	7	.080			12-13
13 48	26.630	59.8	43.5	23	10															3					13-14
14 50	26.610	59.3	43.8	26	10															5					14-15
15 50	26.610	55.6	40.9	25	10	1	Ac	160	9	Ci	250	10								5	6	.040			15-16
16 50	26.620	53.3	39.9	27	10															7					16-17
17 50	26.620	50.8	39.1	33	10															7					17-18
18 50	26.630	47.8	37.9	39	10	10	Ci	250												5	2	.020			18-19
19 50	26.620	49.0	38.0	34	10															4					19-20
20 45	26.620	47.1	37.2	37	7															3					20-21
21 50	26.620	42.4	34.8	46	1	1	CS	250												0	6	.010			21-22
22 50	26.610	39.3	33.1	53	0															0					22-23
23 50	26.610	37.0	31.5	56	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID 0344	X	0	0	X	46	33	X	X						X		
	0344	1	0	0	0	46	33		0								
	0943	2	0	0	0	52	32		0								
	1546	3	0	0	0	60	52		0								
	2146	4	0	0	0	56	41		0								
	MID.	X	0	0	0	42	37	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.720	26.730	26.610	26.620
BAROGRAPH 64	26.710	26.730	26.605	26.610
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 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
60	32	0	0	0	14	SW	1449					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0904P ±2 Sec./ 2212P ±2 Sec./ = Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 28

TO CONVERT LST TO GMT: ADD 6 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			155	36	23	17	04		001	707	WRC
SA	0150	CLR	20			149	37	21	00	00		999	FEW AC W	WRC
SA	0250	CLR	20			145	36	22	04	10		998	FEW AC W	WRC
SA	0351	CLR	20			151	35	24	14	04		998	507 1070 35 RADAT	CC
/													49L076087092	/
SA	0448	CLR	20			151	36	25	04	03		998		CC
SA	0546	CLR	20			150	35	25	05	02		997		CC
SA	0648	150 SCT	20			151	34	24	12	04		997	803 1070	CC
SA	0746	250 SCT	20			156	38	26	34	07		999		CC
SA	0850	250 SCT	20			158	44	25	20	04		001		CC
SA	0948	250 SCT	20			155	51	25	22	03		001	110 1078 34	CC
SA	1047	250 SCT	20			158	51	25	01	05		001		CC
SA	1147	250 SCT	20			142	55	22	24	06		996		CC
SA	1251	150 SCT E250 BKN	20			126	56	22	26	06		992	827 1078	CC
SA	1347	150 SCT E250 BKN	20			120	54	24	22	09		990		CC
SA	1448	150 SCT E250 BKN	20			120	53	22	25	10		990		CC
SA	1549	60 SCT E150 BKN 200 OVC	20			121	53	28	22	03		990	607 1578 57	JC
/													RADAT 64095	/
SA	1648	E60 BKN 150 BKN 200 OVC	20			113	51	28	35	05		988		JC
SA	1750	E60 BKN 150 OVC	20			115	50	28	15	09		988		JC
SA	1851	60 SCT E150 OVC	20			112	50	28	13	07		987	610 1571	JC
SA	1948	60 SCT E150 OVC	20			105	50	25	14	05		986		JC
SA	2046	E150 BKN 200 OVC	20			095	49	29	11	07		983		JC
SA	2149	60 SCT E150 BKN 200 BKN	20			092	47	30	09	05		983	610 1578 57	JC
SA	2248	E50 BKN 150 BKN	20			085	51	34	21	12		982		JC
SA	2350	E50 OVC	20			084	51	39	18	19	626	982		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

☆ U.S. G.P.O. 1982-564-008/1123

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1982 NOV 28

To convert LST to GMT ADD 6 hrs. SUBTRACT ____ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	36.3	31.1	57	0															0	7	.020			00-01
01 50	26.585	36.5	30.9	54	0															0					01-02
02 50	26.575	36.3	30.9	55	0															0					02-03
03 51	26.580	34.8	30.6	64	0	0	Ac	150												0	5	.020			03-04
04 48	26.580	36.4	32.0	64	0															0					04-05
05 46	26.570	34.6	31.0	68	0															0					05-06
06 48	26.570	34.0	30.3	67	4	4	Ac	150												4	8	.010			06-07
07 46	26.570	37.9	33.0	61	2															2					07-08
08 50	26.600	43.9	36.1	47	2															2					08-09
09 48	26.600	51.1	40.0	36	1	0	Ac	150	1	Cs	250	1								1	1	.030			09-10
10 47	26.600	51.4	40.0	35	1															1					10-11
11 47	26.580	53.0	41.0	27	2															2					11-12
12 51	26.570	56.1	41.8	27	8	4	Ac	150	4	Cs	E250	8								7	8	.080			12-13
13 47	26.500	54.1	41.1	30	9															8					13-14
14 48	26.500	52.8	40.0	29	9															9					14-15
15 49	26.500	52.8	41.8	38	10	1	Sc	60	6	Ac	E150	6	4	Cs	200	10				10	6	.020			15-16
16 48	26.480	51.0	40.7	40	10															10					16-17
17 50	26.480	50.4	40.4	41	10															10					17-18
18 51	26.470	50.4	40.5	42	10	3	Sc	60	7	Ac	E150	10								10	6	.030			18-19
19 48	26.460	50.0	40.4	43	10															10					19-20
20 46	26.440	48.7	40.0	46	10															10					20-21
21 49	26.440	46.6	39.1	51	9	4	Sc	60	2	Ac	E150	6	3	Cs	200	9				9	6	.030			21-22
22 48	26.430	51.4	43.1	51	9															9					22-23
23 50	26.430	50.8	44.6	62	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 0344	X	0	0	X	37	35	X	X						X		
	0344	1	0	0	0	42	35		0								
	0943	2	0	0	0	51	34		0								
	1545	3	0	0	0	57	51		0								
	2143	4	0	0	0	53	46		0								
	MID.	X	0	0	0	51	46	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0850	0948	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.500	26.440
BAROGRAPH 64	26.585	26.600	26.505	26.445
BAR. CORR. 65	+.015	0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
57	34	0	0	0	26	S	2348					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 SUNSET

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

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

TIME CHECK-CLOCK AT: 0930 P ± 2 Sec./ 1941 P 02 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	E50 OVC	20			083	52	39	18	14	G19	982	603 15 11	JC
SA	0146	E50 OVC	20			087	51	38	19	15	G23	983		JC
SA	0249	E60 OVC	20			089	51	37	21	12	G17	983		JC
SA	0348	60 SCT	20			078	49	37	23	09		980	807 1500 46 RADAT 66084	CG
SA	0448	60 SCT	20			080	47	38	25	13		980		CG
SA	0546	CLR	20			083	43	33	02	03		980		CG
SA	0650	60 SCT	20			097	39	34	04	10		983	310 1100	CG
SA	0749	60 SCT	20			092	48	35	10	07		983		CG
SA	0847	60 SCT	20			091	51	34	13	11		983		CG
SA	0951	60 SCT 250-BKN	20			091	54	34	26	04		983	400 1108 39	CG
SA	1049	60 SCT 250 SCT	20			079	57	35	13	05		981		CG
SA	1146	60 SCT 250 SCT	20			066	58	35	15	08		978		CG
SA	1247	60 SCT 250 SCT	20			059	59	35	13	08		975	724 1108	CG
SA	1346	250-BKN	20			050	60	32	20	15	G24	973		CG
SA	1445	140 SCT E250 BKN	20			044	57	30	19	13		971		CG
SA	1549	60 SCT E140 BKN 250 OVC	20			050	56	33	17	15		972	510 1178 61 RADAT 70029	JC
SA	1647	60 SCT 140 SCT E250 BKN	20			043	56	31	15	07		970		JC
SA	1748	140 SCT 250-BKN	20			048	52	33	08	04		970		JC
SA	1845	140 SCT E250 OVC	20			049	54	30	23	14		970	~~1774~~ 607 1174	JC
SA	1950	E140 BKN 250 OVC	20			040	54	31	24	09		969		JC
SA	2048	60 SCT E140 OVC	20			032	53	33	19	12		967		JC
SA	2149	E60 BKN 140 OVC	20			038	53	32	22	13		969	503 117/ 61	JC
SA	2244	E60 BKN 140 OVC	20			025	50	32	21	11		966		JC
SA	2347	60 SCT E140 BKN 250 OVC	20			014	50	31	23	04		962		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation observation.

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

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 29

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 47	26.430	51.5	45.0	61	10	10	Sc	E50												10	6	.010			00-01
01 46	26.440	51.4	44.8	60	10															10					01-02
02 49	26.440	51.1	44.2	59	10															9					02-03
03 48	26.410	48.7	43.0	64	5	5	Sc	60												5	8	.020			03-04
04 48	26.410	47.0	42.4	69	2															2					04-05
05 46	26.410	42.5	38.4	70	0															0					05-06
06 50	26.440	39.2	36.8	81	4	4	Cu	60												4	3	.030			06-07
07 49	26.440	47.6	41.8	62	5															5					07-08
08 47	26.440	51.2	43.0	52	4															4					08-09
09 51	26.440	53.5	44.2	48	8	2	Cu	60	6	Cs	250	8								4	4	.000			09-10
10 49	26.420	56.8	46.1	44	5															3					10-11
11 46	26.390	57.9	46.5	42	3															2					11-12
12 47	26.370	58.6	46.7	40	2	1	Cu	60	1	Cs	250	2								2	7	.070			12-13
13 46	26.350	59.5	46.3	36	8															4					13-14
14 45	26.330	57.0	44.5	36	9															9					14-15
15 49	26.340	56.4	45.0	40	10	2	Cu	60	7	Ac	E140	8	2	Cs	250	10				10	5	.030			15-16
16 47	26.320	55.8	44.0	38	9															7					16-17
17 48	26.320	51.7	43.0	49	7															2					17-18
18 45	26.320	53.8	42.7	39	10	0	Cu	60	3	Ac	140	3	7	Ci	E250	10				6	6	.020			18-19
19 50	26.310	53.7	43.0	41	10															10					19-20
20 48	26.290	53.0	43.5	46	10															10					20-21
21 49	26.310	52.6	43.1	46	10	6	Cu	E60	4	Ac	140	10								10	5	.010			21-22
22 44	26.280	50.4	42.0	50	10															10					22-23
23 47	26.250	50.0	41.3	48	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	52	49	X	X						X		
	0343	1	0	0	0	52	46		0								
	0942	2	0	0	0	54	39		0								
	1545	3	0	0	0	61	53		0								
	2145	4	0	0	0	56	51		0								
	MID.	X	0	0	0	53	50	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0848	0951	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.410	26.440	26.340	26.310
BAROGRAPH 64	26.410	26.440	26.340	26.300
BAR. CORR. 65	0	*0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
61	39	0	0	0	30	S	0012					6	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0810 P ±2 Sec./ 1930 P ±2 Sec./ ± Sec.

*BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 NOV 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	60 SCT 140 SCT 250 - OVC	20			984	51	34	15	12		957	837 1471	JC
SA	0147	E60 BKN 140 BKN 250 OVC	20			989	52	37	19	17	G28	956		JC
SA	0248	E60 BKN 140 BKN 250 OVC	20			971	52	38	20	26	G37	950	PK WND 1938/29	JC
SA	0352	E60 BKN 140 OVC	20		RW-	963	47	42	19	20	G31	947	RB06 PK WND 1937/03	CG
/													83002 127/ ~~90402~~	/
/													47 RAOAT 95084	/
SA	0450	E60 BKN 140 OVC	20			935	49	42	20	25	G36	939	RE10 PRESFR PK WND	CG
/													1938/21	/
SA	0549	60 SCT E140 BKN	20			926	50	40	18	25	G44	936	PK WND 1844/42	CG
SA	0650	E60 BKN 140 OVC	20		RW-	922	49	41	18	25	G35	935	RB35 PK WND 1844/00	CG
/													63700 127/	/
SA	0748	E40 BKN 140 OVC	20		RW-	900	48	42	19	28	G40	928	PRESFR PK WND 1840/42	CG
SA	0847	E40 BKN 140 OVC	20		RW-	892	48	40	20	32	G42	926	PK WND 1945/17	CG
SA	0949	E30 BKN 140 OVC	20			888	49	40	19	28	G40	924	*PK WND 1940/45 *RE10	CG
/													63006 127/ ~~49~~ 46	/
SP	1030	E10 OVC	7		RW				23	18	G28	926	*PK WND 1937/01 *RE03	CG
SA	1051	E10 OVC	10		RW-	879	46	42	16	14		921	*PK WND 1837/01 *RB03	CG
SP	1103	10 SCT E30 BKN 140 OVC	20						20	15		921	RE02	CG
SA	1148	E30 BKN 140 BKN	20			878	48	37	21	18	G28	921	RE02	CG
SA	1248	30 SCT E140 BKN 250 BKN	20			866	48	36	21	28	G41	919	PK WND 1941/42	CG
/													71717 1278	/
SA	1349	30 SCT E250 BKN	20			865	50	33	23	18	G28	918		CG
SA	1446	30 SCT	20			862	49	32	19	20	G30	917		CG
SA	1551	30 SCT 250 SCT	20			872	48	28	21	18	G28	919	*50017 1208 53 2 *PK	CG
/													WND 2036/15 RAOAT 69067	/
SA	1650	30 SCT E250 BKN	20			884	46	30	21	22	G30	923		JC
SA	1747	30 SCT E250 OVC	20			891	45	30	20	14	G24	925		JC
SA	1848	250 - OVC	20			900	44	28	20	15	G26	927	124 1101	JC
SA	1950	250 - OVC	20			901	44	27	23	13		927		JC
SA	2048	50 SCT E250 OVC	20			908	44	25	20	12	G20	929		JC
SA	2149	E40 BKN 250 OVC	20			924	43	26	31	05		934	320 1101 53	JC
SA	2250	E40 BKN 250 OVC	20			928	41	28	28	10		935		JC
SA	2346	40 SCT 250 - OVC	20			934	40	27	29	06		936		JC

A synoptic observation, in WMO code format FM12-VII, is entered on line following related aviation 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$N_hC_LC_MC_H$

SUPERSEDES MF1-10A (10-78) WHICH MAY BE USED.

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 NOV 30

To convert LST to GMT ADD ____ 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 48	26.200	50.9	42.9	53	10	1	Sc	60	2	Ac	140	3	7	Ci	250	10				3	8	.110			00-01
01 47	26.190	51.6	44.2	56	10															8					01-02
02 48	26.140	52.0	45.0	59	10															10					02-03
03 52	26.110	47.0	44.4	82	10	8	Cu	E60	2	Ac	140	10								10	8	.090			03-04
04 50	26.040	48.8	45.0	76	10															10					04-05
05 49	26.010	49.9	44.7	68	7															7					05-06
06 50	26.000	49.0	45.0	75	10	6	Cu	E60	4	Ac	140	10								10	6	.110			06-07
07 48	25.940	48.1	44.8	79	10															10					07-08
08 47	25.920	48.4	44.0	72	10															10					08-09
09 49	25.910	48.9	44.3	71	10	7	Cu	E30	3	Ac	140	10								10	6	.090			09-10
10 51	25.880	45.6	43.5	85	10															10					10-11
11 48	25.880	47.8	42.5	66	9															9					11-12
12 48	25.860	48.0	42.0	62	7	4	Cu	30	2	Ac	E40	6	1	Cs	250	7				6	7	.050			12-13
13 49	25.850	49.5	41.8	53	7															5					13-14
14 46	25.840	48.8	41.0	52	5															5					14-15
15 51	25.860	47.7	39.2	47	5	4	Cu	30	1	Cs	250	5								5	5	.000			15-16
16 50	25.890	45.9	38.9	54	9															7					16-17
17 47	25.910	45.0	38.3	54	10															10					17-18
18 48	25.930	43.6	37.1	55	10	0	Cu	30	10	Ci	250	10								3	1	.020			18-19
19 50	25.930	43.6	36.8	53	10															4					19-20
20 48	25.950	43.8	36.2	48	10															8					20-21
21 49	25.990	42.8	36.0	52	10	2	Cu	E40	3	Ci	250	10								9	3	.060			21-22
22 50	26.000	41.0	35.2	60	10															7					22-23
23 46	26.010	40.0	34.8	60	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	.02	0	X	52	47	X	X						X		
	0343	1	.02	0	0	53	47		2								
	0942	2	.06	0	0	50	46		2								
	1546	3	.17	0	0	50	46		2								
	2145	4	0	0	0	48	42		1								
	MID.	X	0	0	0	43	40	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0949	1551	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.110	25.910	25.860	25.980
BAROGRAPH 64	26.090	25.890	25.850	25.970
BAR. CORR. 65	+.020	+.020	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
52	40	.25	0	0	45	5	0817					8	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0306	0410			
RW-	0635	0910			
RW-	1003	1029			
RW	1029	1045			
RW-	1045	1102			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0759 P ±2 Sec./ 1927 P ±2 Sec./ ± Sec.