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: July

YEAR: 1983

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT	WIND AVERAGE SPEED (mph) Knots	~~FASTEST MILE~~ Peak SPEED (mph) Knots	DIRECTION	SUNSHINE ~~(Minutes)~~ Ave STN Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	RH (PST) 04	10	16	22
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	91	64	78		0	13	0	0	—	10.0	30	SW	26.47	79	7		37	27	15	20
2	90	64	77		0	12	0	0	—	10.2	35	SW	26.45	89	5		35	29	29	36
3	97	63	80		0	15	0	0	—	6.0	15	SW	26.54	97	1		46	15	14	24
4	102	67	85		0	20	0	0	—	6.7	20	SW	26.51	99	1		35	17	11	18
5	103	71	87		0	22	0	0	—	9.3	35	SW	26.58	100	0		23	18	10	17
6	102	77	90		0	25	0	0	—	12.5	33	SW	26.51	86	1		18	11	7	20
7	98	74	86		0	21	0	0	—	13.5	33	S	26.52	100	0		21	13	12	14
8	95	74	85		0	20	0	0	—	15.7	38	S	26.55	94	1		18	30	22	18
9	88	66	77		0	12	0	0	—	16.0	46	S	26.61	100	0		25	12	11	21
10	90	61	76		0	11	0	0	—	9.7	22	NE	26.71	100	0		30	19	11	13
11	95	67	81		0	16	0	0	—	9.2	21	NE	26.66	100	0		20	16	7	12
12	101	63	82		0	17	0	0	—	4.5	20	SW	26.62	100	0		17	6	4	7
13	103	67	85		0	20	0	0	—	6.9	23	W	26.59	100	0		13	9	6	13
14	103	79	91		0	26	0	0	—	14.0	36	SW	26.46	98	0		16	6	6	25
15	95	75	85		0	20	0	0	—	11.4	28	SW	26.36	100	0		18	20	13	13
16	92	66	79		0	14	0	0	—	11.8	32	SW	26.37	100	0		33	16	11	15
17	93	70	82		0	17	0	0	—	13.5	35	S	26.41	100	0		14	13	8	25
18	96	65	81		0	16	0	0	—	9.8	29	SW	26.50	100	0		20	7	11	15
19	94	69	82		0	17	0	0	—	10.8	33	S	26.56	97	0		32	15	14	20
20	96	68	82		0	17	0	0	—	8.3	27	SW	26.61	100	0		25	17	10	15
21	97	66	82		0	17	T	0	—	8.4	43	E	26.63	55	6	T, RW-	21	16	32	36
22	96	69	83		0	18	0	0	—	8.5	31	S	26.60	85	2		46	29	14	19
23	97	66	82		0	17	0	0	—	9.7	30	S	26.60	100	0		15	16	10	10
24	98	67	83		0	18	0	0	—	10.7	37	S	26.57	100	0		19	14	15	20
25	94	68	81		0	16	0	0	—	13.1	33	SW	26.53	100	1		15	8	5	7
26	96	68	82		0	17	0	0	—	10.8	33	S	26.54	90	1		14	7	4	7
27	95	66	81		0	16	0	0	—	9.3	33	SW	26.57	100	0		16	11	7	17
28	96	62	79		0	14	0	0	—	8.3	30	SW	26.65	100	0		22	12	10	16
29	100	64	82		0	17	0	0	—	4.8	19	S	26.69	97	0		24	12	8	11
30	89	73	81		0	16	T	0	—	6.4	23	E	26.69	14	9	RW-	14	30	26	31
31	97	70	84		0	19	T	0	—	6.9	24	S	26.66	43	6	RW-	42	28	18	29
SUM	2979	2109	—	—	0	536	T	0	—	307.1	—	—	823.30	—	41	—	744	499	381	564
AVG	96.1	68.0	—	—	—	—	—	—	—	9.9	FASTEST	DIRECTION	~~PEAK SUNSHINE~~	%		—	24	16	12	18
										MISC. →	46	S	26.56	91	1.3	—				

TEMPERATURE DATA

AVERAGE MONTHLY 82.1

DEPARTURE FROM NORMAL

HIGHEST 103 ON 5, 13, 14

LOWEST 61 ON 10

NUMBER OF DAYS WITH –

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 29

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 0

DEPARTURE FROM NORMAL 0

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 536

DEPARTURE FROM NORMAL -77

SEASONAL TOTAL 897

DEPARTURE FROM NORMAL

PRECIPITATION DATA

TOTAL FOR THE MONTH T IN.

DEPARTURE FROM NORMAL IN.

GREATEST IN 24 HRS. T ON 21+

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 26

PARTLY CLOUDY (Scale 4–7) 4

CLOUDY (Scale 8–10) 1

WITH 0.01 INCH OR MORE PRECIP. 0

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

T = thunder storm

RW = Rain shower

MAXIMUM PRECIPITATION

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

HIGHEST ~~SEA LEVEL~~ STN 26.78 IN. ON 10

LOWEST ~~SEA LEVEL~~ 26.32 IN. ON 15

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

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

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: **WSMO, DESERT ROCK NEVADA**

DATE: 1983 JUL 01

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Mbs.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			061	73	36	28	03		983	400 100 1	JK
SA	0145	CLR	20			067	67	37	01	07		984		JK
SA	0245	CLR	20			067	65	39	03	07		984		JK
SA	0348	CLR	20			070	65	38	03	08		985	207 1001 65 RADAT 20152	CG
SA	0448	CLR	20			078	64	40	01	04		987		CG
SA	0547	CLR	20			081	68	41	04	07		988		CG
SA	0648	CLR	20			084	73	42	26	04		990	214 1001	CG
SA	0747	250-SCT	20			088	76	43	24	05		991		CG
SA	0849	250-SCT	20			087	79	42	23	06		991		CG
SA	0948	250-SCT	20			083	82	45	23	10		990	000 1001 64	CG
SA	1050	250-BKN	20			084	83	44	26	10		990		CG
SA	1148	250-BKN	20			074	88	38	22	16	G26	987		CG
SA	1247	250-BKN	20			066	89	41	23	17	G28	985	814 1001	CG
SA	1350	250-OVC	20			070	87	37	20	18	G28	985		CG
SA	1450	250-BKN	20			066	89	38	22	15	G25	984		CG
SA	1549	250-OVC	20			066	89	35	24	19		984	603 1007 91 RADAT 42163	JK
SA	1650	250-OVC	20			064	87	33	22	10	G25	983		JK
SA	1748	E250 OVC	20			067	84	29	22	18		984		JK
SA	1845	E250 OVC	20			066	82	30	19	10		984	500 1007	JK
SA	1949	E250 OVC	20			067	81	32	19	12		984		JK
SA	2047	E250 OVC	20			067	80	33	17	05		986		JK
SA	2149	E250 OVC	20			067	79	34	23	08		986	103 1007 91	JK
SA	2246	250-BKN	20			063	78	36	25	10		984		JK
SA	2350	250-BKN	20			061	78	37	24	10		984		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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 NEVADA

DATE: 1983 JUL 01

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	26.440	73.3	53.3	25	0	0	CI	250												0	4	.000			00-01
01 45	26.450	66.5	51.1	34	0															0					01-02
02 45	26.450	65.0	51.0	38	0															0					02-03
03 48	26.460	64.9	50.7	37	0	0	Ci	250												0	2	.020			03-04
04 48	26.480	63.9	51.0	41	0															0					04-05
05 47	26.490	68.0	53.0	37	0															0					05-06
06 48	26.500	73.2	55.6	33	0	0	Ci	250												0	2	.040			06-07
07 47	26.510	75.9	57.0	31	3															0					07-08
08 49	26.510	78.8	57.6	27	2															0					08-09
09 48	26.500	81.6	59.7	27	3	3	Ci	250												0	0	.000			09-10
10 50	26.500	83.4	60.0	25	7															1					10-11
11 48	26.480	87.9	59.6	17	7															1					11-12
12 47	26.460	89.0	60.8	18	7	7	Ci	250												1	8	.040			12-13
13 50	26.460	87.4	59.0	17	10															3					13-14
14 50	26.450	89.0	60.0	17	9															2					14-15
15 49	26.450	89.0	59.0	15	10	10	CS	250												3	6	.010			15-16
16 50	26.440	86.9	57.6	14	10															3					16-17
17 48	26.450	83.8	55.4	13	10															8					17-18
18 45	26.450	82.0	55.0	15	10	10	CS	E250												8	5	.000			18-19
19 49	26.450	80.5	55.0	17	10															8					19-20
20 47	26.460	79.6	55.0	18	10															8					20-21
21 49	26.460	79.0	55.2	20	10	10	CS	E250												6	1	.010			21-22
22 46	26.450	77.8	55.1	22	7															3					22-23
23 50	26.450	77.6	55.3	23	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	X	0	0	X	73	65	X	X						X		
	0344	1	0	0	0	77	65		0								
	0945	2	0	0	0	82	64		0								
	1545	3	0	0	0	91	82		0								
	2144	4	0	0	0	89	79		0								
	MID.	X	0	0	0	79	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.480	26.460
BAROGRAPH 64	26.460	26.500	26.435	26.440
BAR. CORR. 65	0	*0	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
91	64	0	0	0	30	SW	1951					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: 0910P04 Sec./ 2100P04 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

SP / 0
R/S / 0

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 02

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	26.450	72.1	53.7	29	8	8	CS	250												2	6	.010			00-01
01 49	26.440	69.0	52.0	31	6															2					01-02
02 45	26.440	67.9	51.2	31	5															1					02-03
03 46	26.450	67.3	52.0	35	4	4	Cs	250												0	5	.000			03-04
04 50	26.450	64.9	50.5	36	5															2					04-05
05 48	26.460	67.8	53.0	37	7															1					05-06
06 52	26.490	71.1	54.0	32	5	5	Cs	250												0	3	.040			06-07
07 50	26.500	73.8	55.5	31	2															0					07-08
08 47	26.480	77.0	57.0	29	1															1					08-09
09 48	26.480	79.9	59.0	29	1	1	Cs	250												1	8	.010			09-10
10 50	26.460	83.8	62.1	30	1															1					10-11
11 47	26.450	85.8	63.2	29	1															1					11-12
12 51	26.440	87.1	64.0	28	1	1	Cs	250												1	7	.040			12-13
13 49	26.420	88.7	64.0	26	1															1					13-14
14 50	26.400	89.0	64.0	25	7															1					14-15
15 49	26.400	88.0	64.8	29	10	10	CS	250												2	6	.040			15-16
16 47	26.410	87.3	64.1	28	10															1					16-17
17 48	26.410	86.0	64.7	32	10															1					17-18
18 45	26.410	84.2	63.2	32	10	10	CS	250												1	1	.010			18-19
19 49	26.410	82.5	62.0	32	6															1					19-20
20 45	26.430	80.8	60.7	32	1															0					20-21
21 50	26.450	78.0	60.2	36	0	0	Ci	250												0	3	.040			21-22
22 46	26.460	75.0	59.0	39	0															0					22-23
23 45	26.470	73.5	58.3	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 0343	X	0	0	X	78	67	X	X						X		
	0343	1	0	0	0	79	67		0								
	0944	2	0	0	0	80	64		0								
	1544	3	0	0	0	90	80		0								
	2145	4	0	0	0	88	78		0								
	MID.	X	0	0	0	78	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.480	26.400	26.450
BAROGRAPH 64	26.420	26.475	26.390	26.420
BAR. CORR. 65	+.030	+.005	+.010	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	64	0	0	0	35	SW	1242					5	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0823P ±4 Sec. / 2010P ±3 Sec. / ± Sec.

SP/0
RS/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 NEVADA

DATE: 1983 JUL 02

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	0048	250- BKN	20			062	72	38	10	06		984	603 1008	JK
SA	0149	250- BKN	20			062	69	37	01	04		983		JK
SA	0245	250- SCT	20			061	68	36	01	05		983		JK
SA	0346	250 -SCT	20			065	67	39	26	06		984	500 1008 67 RADAT 33163	CG
SA	0450	250 -SCT	20			067	65	37	32	04		984		CG
SA	0548	250-BKN	20			071	68	41	05	03		985		CG
SA	0652	250-SCT	20			081	71	40	24	05		988	314 1008	CG
SA	0750	250-SCT	20			085	74	41	24	06		990		CG
SA	0847	250 SCT	20			076	77	42	25	10		987		CG
SA	0948	250 SCT	20			075	80	44	22	10		987	803 1008 64	CG
SA	1050	250 SCT	20			066	84	49	22	14	623	985		CG
SA	1147	250 SCT	20			062	86	50	24	14	624	984		CG
SA	1251	250 SCT	20			060	87	50	23	18	635	983	714 1008	CG
SA	1349	250 SCT	20			053	89	49	24	18	629	981		CG
SA	1450	250-BKN	20			046	89	49	21	17	627	979		CG
SA	1549	250-OVC	20			047	88	52	24	17	630	979	614 1007 90 RADAT 20174	JK
SA	1647	250-OVC	20			052	87	51	21	17		980		JK
SA	1748	250-OVC	20			052	86	53	20	14		980		JK
SA	1845	250-OVC	20			050	84	51	20	16		980	103 1007	JK
SA	1949	250- BKN	20			050	83	49	21	15		980		JK
SA	2045	250-SCT	20			056	81	48	21	07		982		JK
SA	2150	CLR	20			064	78	49	23	10		984	314 1001 90	JK
SA	2246	CLR	20			067	75	49	31	03		986		JK
SA	2345	CLR	20			071	74	48	32	06		987		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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 NEVADA

DATE: 1983 JUL 03

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	26.480	69.9	56.8	45	0	0	Cl	250												0	2	.030			00-01
01 45	26.490	68.7	56.0	46	0															0					01-02
02 50	26.500	66.5	55.1	49	0															0					02-03
03 49	26.520	66.0	53.8	46	0															0	2	.040			03-04
04 51	26.540	64.4	53.0	48	2															0					04-05
05 52	26.560	67.3	54.7	45	6															1					05-06
06 48	26.570	72.5	57.0	39	6	6	Cs	250												2	2	.050			06-07
07 49	26.580	77.0	58.1	32	4															1					07-08
08 52	26.580	83.4	58.2	21	4															1					08-09
09 47	26.570	87.4	58.3	15	2	2	Cs	250												0	0	.000			09-10
10 49	26.560	90.8	60.2	15	0															0					10-11
11 50	26.550	91.6	61.0	16	0															0					11-12
12 49	26.530	93.3	62.2	16	0															0	7	.040			12-13
13 49	26.520	94.1	62.5	16	0															0					13-14
14 50	26.505	96.3	63.0	14	0															0					14-15
15 49	26.510	94.8	62.2	14	0	0	Cs	250												0	5	.020			15-16
16 47	26.500	95.2	62.9	16	0															0					16-17
17 47	26.505	93.0	61.8	16	0															0					17-18
18 48	26.515	90.4	60.9	17	0	0	Cs	250												0	3	.005			18-19
19 47	26.530	85.8	59.3	20	0															0					19-20
20 51	26.550	82.0	57.3	18	0															0					20-21
21 48	26.560	78.1	56.0	24	0															0	1	.045			21-22
22 49	26.570	78.5	56.4	24	0															0					22-23
23 47	26.575	76.8	55.5	25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	74	66	X	X						X		
	0345	1	0	0	0	78	66		0								
	0945	2	0	0	0	89	63		0								
	1544	3	0	0	0	97	87		0								
	2143	4	0	0	0	96	78		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.570	26.510	26.560
BAROGRAPH 64	26.490	26.550	26.500	26.535
BAR. CORR. 65	+.030	+.020	+.010	+.025

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	63	0	0	0	15	SW	1531 1/					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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. | ASSOCIATED DIRECTION | TIME

TIME CHECK - CLOCK AT: 0858P ±3Sec./ 1952P ±3 Sec./ ± Sec.

1/ LAST OF SEVERAL OCCURENCES

SP/0
RS/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION WSMO, DESERT ROCK NEVADA

DATE 1983 JUL 03

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. SENDER'S INITIALS (15)
SA	0048	CLR	20			076	70	48	05	05		988	210 1001	JK
SA	0145	CLR	20			079	69	47	35	05		989		JK
SA	0250	CLR	20			084	67	47	33	08		990		JK
SA	0349	CLR	20			091	66	45	06	04		992	214 66 RADAT 23171	CRD
SA	0451	250 - SCT	20			102	64	44	03	07		994		CRD
SA	0552	250 - BKN	20			107	67	45	35	03		996		CRD
SA	0648	250 - BKN	20			110	73	46	26	05		997	217 1008	CRD
SA	0749	250 - SCT	20			113	77	45	21	07		998		CRD
SA	0852	250 - SCT	20			111	83	39	34	05		998		CRD
SA	0947	250 - SCT	20			106	87	34	02	07		997	000 1008 63	CRD
SA	1049	CLR	20			103	91	37	25	07		996		CRD
SA	1150	CLR	20			098	92	39	17	05		995		CRD
SA	1249	CLR	20			092	93	40	24	10		993	714	CRD
SA	1349	CLR	20			089	94	41	25	10		992		CRD
SA	1450	CLR	20			082	96	40	22	09		991	Cs E	CRD
SA	1549	CLR	20			085	95	39	20	10		991	507 1008 97 RADAT 20172	MR
SA	1647	CLR	20			083	95	41	22	08		990		MR
SA	1747	CLR	20			085	93	40	23	10		990		MR
SA	1848	CLR	20			086	90	39	23	07		991	302 1008	MR
SA	1947	CLR	20			092	86	40	27	04		993		MR
SA	2051	CLR	20			098	82	38	02	04		995		MR
SA	2148	CLR	20			102	78	38	01	04		996	115 97	MR
SA	2249	CLR	20			104	79	39	09	04		997		MR
SA	2347	CLR	20			107	77	38	06	02		998		MR

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: 4 JUL 1983

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	26.580	72.9	54.2	29	0															0	1	.020			00-01
01 47	26.580	71.4	53.6	30	0															0					01-02
02 52	26.585	70.4	53.3	32	0															0					02-03
03 49	26.595	67.6	52.2	35	0															0	3	.015			03-04
04 49	26.610	69.7	53.3	34	0															0					04-05
05 46	26.630	77.0	55.8	25	0															0					05-06
06 50	26.635	80.8	56.7	21	0															0	2	.040			06-07
07 51	26.640	85.2	59.0	20	0															0					07-08
08 48	26.640	89.9	61.2	18	0															0					08-09
09 47	26.630	92.3	62.0	17	0															0	8	.005			09-10
10 48	26.620	94.6	62.6	15	0															0					10-11
11 49	26.610	97.3	63.1	13	0															0					11-12
12 49	26.600	97.7	63.5	14	0															0	7	.030			12-13
13 49	26.585	100.4	64.4	13	0															0					13-14
14 50	26.560	100.5	63.3	11	0															0					14-15
15 47	26.550	100.3	63.5	11	0	0	Ci	300												0	6	.050			15-16
16 46	26.540	97.2	62.9	11	0															0					16-17
17 49	26.540	98.6	62.3	11	6															0					17-18
18 50	26.550	96.0	62.1	13	8	8	Ci	300												1	5	.000			18-19
19 47	26.565	91.2	60.1	14	10															1					19-20
20 48	26.580	87.0	59.0	17	3															0					20-21
21 49	26.580	85.0	58.3	18	2	2	Ci	300												0	1	.030			21-22
22 51	26.585	83.4	57.5	19	2															0					22-23
23 48	26.580	79.9	56.0	21	1															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	77	68	X	X						X		
	0345	1	0	0	0	79	68		0								
	0945	2	0	0	0	94	67		0								
	1543	3	0	0	0	102	92		0								
	2144	4	0	0	0	101	85		0								
	MID.	X	0	0	0	85	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1546	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.595	26.630	26.550	26.580
BAROGRAPH 64	26.565	26.620	26.540	26.560
BAR. CORR. 65	+.030	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	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
102	67	0	0	0	20	SW	1726					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: 0900P ±3 Sec./ 1751P ±3 Sec./ ± Sec.

SP/0
RS/0

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: 4 JUL 1983

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	0051	CLR	20			110	73	39	04	03		998	107	MR
SA	0147	CLR	20			110	71	39	08	02		998		MR
SA	0252	CLR	20			111	70	39	25	02		999		MR
SA	0349	CLR	20			118	68	39	31	03		000	305 68 RADAT 20168	CRD
SA	0449	CLR	20			121	70	40	24	03		002		CRD
SA	0546	CLR	20			126	77	39	05	09		004		CRD
SA	0650	CLR	20			128	81	37	03	11		005	214	CRD
SA	0751	CLR	20			130	85	39	04	08		005		CRD
SA	0848	CLR	20			130	90	41	11	09		005		CRD
SA	0947	CLR	20			127	92	41	10	07		004	802 67	CRD
SA	1048	CLR	20			122	95	40	13	14		003		CRD
SA	1149	CLR	20			117	97	39	07	08		002		CRD
SA	1247	CLR	20			115	98	40	08	09		001	710	CRD
SA	1349	CLR	20			110	100	40	29	08		999		CRD
SA	1450	CLR	20			099	101	36	24	07		996	Cs Sw	CRD
SA	1547	CLR	20			098	100	37	24	07	G16	995	617 1001 02 RADAT 20166	MR
SA	1646	CLR	20			093	99	36	21	10	G17	994		MR
SA	1749	300 - BKN	20			090	99	35	20	11		994		MR
SA	1850	300 - BKN	20			093	96	37	14	08		995	500 1006	MR
SA	1947	300 - OVC	20			099	91	36	14	05		997		MR
SA	2048	300 - SCT	20			104	87	37	01	02		998		MR
SA	2149	300 - SCT	20			104	85	37	31	02		998	110 1001 02	MR
SA	2251	300 - SCT	20			106	83	37	07	05		999		MR
SA	2348	300 - SCT	20			104	80	36	03	07		998		MR

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: 5 JUL 1983

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	26.580	79.6	56.0	21	0	0	Cl	300												0	0	.000			00-01
01 46	26.575	79.6	56.1	21	0															0					01-02
02 50	26.585	75.9	54.4	23	0															0					02-03
03 48	26.580	73.6	52.8	23	0															0	0	.000			03-04
04 48	26.600	72.4	53.0	26	0															0					04-05
05 46	26.620	76.4	56.1	28	0															0					05-06
06 49	26.630	83.0	58.0	21	0	0	Cl	300												0	2	.050			06-07
07 48	26.630	89.2	62.5	22	0															0					07-08
08 50	26.620	92.1	63.2	19	0															0					08-09
09 50	26.610	94.5	64.0	18	0	0	Cl	300												0	8	.020			09-10
10 50	26.590	99.3	64.2	13	0															0					10-11
11 48	26.585	100.6	63.6	11	0															0					11-12
12 49	26.570	101.2	63.0	10	0	0	Cc	300												0	7	.040			12-13
13 50	26.550	102.0	62.9	9	0															0					13-14
14 50	26.540	102.0	63.0	9	0															0					14-15
15 47	26.530	101.2	62.9	10	0	0	Cu	100	0	Cl	300	0								0	6	.040			15-16
16 46	26.515	99.8	63.0	11	0															0					16-17
17 45	26.510	99.1	63.0	12	0															0					17-18
18 50	26.510	95.9	62.2	13	0	0	Ac	180												0	6	.020			18-19
19 49	26.520	92.2	61.4	16	0															0					19-20
20 49	26.530	88.4	60.0	18	0															0					20-21
21 47	26.530	88.6	60.0	17	0															0	1	.020			21-22
22 45	26.545	87.0	59.8	18	6															0					22-23
23 49	26.545	85.4	58.5	18	10															2					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	80	73	X	X						X		
	0345	1	0	0	0	85	73		0								
	0946	2	0	0	0	95	71		0								
	1543	3	0	0	0	103	95		0								
	2143	4	0	0	0	101	87		0								
	MID.	X	0	0	0	89	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.530	26.530
BAROGRAPH 64	26.565	26.610	26.535	26.530
BAR. CORR. 65	+.015	0*	-.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNHLTD (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
103	71	0	0	0	34	SW	1440					0	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: 0705P ±3 Sec./ 1551P ±3 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED

2147/2147

SP/0

RS/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, NV

DATE: 5 JUL 1983

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	0051	CLR	20			104	80	36	07	06		998	000 1001	MR
SA	0146	CLR	20			101	80	37	08	05		998		MR
SA	0250	CLR	20			107	76	36	05	05		999		MR
SA	0348	CLR	20			105	74	34	22	06		998	000 73 RADAT 30161	CRD
SA	0448	CLR	20			115	72	36	06	04		001		CRD
SA	0546	CLR	20			119	76	40	04	03		003		CRD
SA	0649	CLR	20			122	83	39	21	03		004	217 1001	CRD
SA	0748	CLR	20			122	89	45	27	07		004	CI W	CRD
SA	0850	CLR	20			118	92	44	25	13		003	CI W	CRD
SA	0950	CLR	20			114	95	45	23	13		002	807 1001 71	CRD
SA	1050	CLR	20			106	99	41	24	18 G 25		999	CC NW	CRD
SA	1148	CLR	20			104	101	37	21	20 G 25		999	CC NW	CRD
SA	1249	CLR	20			098	101	34	18	10 G 25		997	714 1009	CRD
SA	1350	CLR	20			090	102	33	18	16 G 25		995	FEW CU AND CI	CRD
SA	1450	CLR	20			090	102	33	24	17 G 35		994	FEW CU AND CI	CRD
SA	1547	CLR	20			086	101	34	21	11 G 23		993	614 1101 03 RADAT 50153	MR
SA	1646	CLR	20			083	100	36	20	14 G 22		991	CU E-SE	MR
SA	1745	CLR	20			078	99	37	20	12 G 19		991	CU NE	MR
SA	1850	CLR	20			076	96	38	19	13 G 18		991	607 1050	MR
SA	1949	CLR	20			079	92	39	16	07		992	AC W-NW	MR
SA	2049	CLR	20			083	88	39	12	06		993		MR
SA	2147	CLR	20			083	89	39	18	05		993	107 03	MR
SA	2245	300 - BKN	20			087	87	39	16	02		995		MR
SA	2349	300 - OVC	20			087	85	37	23	04		995		MR

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: 6 JUL 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.545	85.4	58.1	17	5	2	Ac	170	3	Cs	300	5								2	1	.015			00-01
01 51	26.540	82.7	56.8	18	8															3					01-02
02 50	26.535	81.2	56.1	19	4															4					02-03
03 47	26.530	83.0	56.8	18	7	0	Cu	80	3	Ac	170	3	4	Cs	E300	7				5	7	.015			03-04
04 51	26.530	83.2	56.0	16	7															5					04-05
05 50	26.560	82.2	56.8	19	5															4					05-06
06 50	26.565	84.5	55.2	12	5	2	Cu	90	3	Cs	300	5								4	3	.035			06-07
07 51	26.565	85.3	55.2	11	1															1					07-08
08 48	26.550	91.7	58.7	11	0															0					08-09
09 49	26.550	93.2	59.4	11	0	0	ACSL	120												0	6	.015			09-10
10 50	26.545	97.0	61.2	10	0															0					10-11
11 49	26.530	99.3	61.0	8	0															0					11-12
12 50	26.510	100.2	60.8	7	0	0	CB	90												0	7	.040			12-13
13 45	26.500	100.7	61.1	7	0															0					13-14
14 51	26.480	100.1	60.8	7	0															0					14-15
15 50	26.470	100.3	60.8	7	0	0	CB	90												0	7	.040			15-16
16 52	26.460	99.2	60.8	8	0															0					16-17
17 54	26.450	96.6	60.0	9	0															0					17-18
18 55	26.450	94.0	59.7	11	0															0	6	.020			18-19
19 45	26.460	90.9	58.8	12	0															0					19-20
20 54	26.490	82.8	57.8	14	0															0					20-21
21 48	26.490	81.3	56.8	20	0															0	1	.040			21-22
22 51	26.500	79.8	56.0	21	0															0					22-23
23 52	26.510	76.7	54.9	23	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	85	81	X	X						X		
	0845	1	0	0	0	89	81		0								
	0946	2	0	0	0	94	82		0								
	1544	3	0	0	0	102	82		0								
	2144	4	0	0	0	101	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.550	26.470	26.480
BAROGRAPH 64	26.525	26.555	26.470	26.485
BAR. CORR. 65	+.005	-.005	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
102	77	0	0	0	33	SW	1213					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: 0408P ±3 Sec. / 1916P ±3 Sec. / ± Sec.

SP/O
RS/O

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: 6 JUL 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0053	170 SCT 300-SCT	20			087	85	36	13	02		995	105 1058	MR
SA	0151	130 SCT 300-BKN	20			085	83	35	26	07		994		MR
SA	0250	130 SCT 170 SCT	20			085	81	35	29	02		993		MR
SA	0347	170 SCT E300 BKN	20			083	83	35	25	09		993	705 1178 81 RADAT 68150	CRD
SA	0451	90 SCT 170 SCT E300 BKN	20			083	83	32	24	17 G23		993		CRD
SA	0550	90 SCT 300 SCT	20			093	82	36	23	10		996		CRD
SA	0650	90 SCT 300 SCT	20			097	85	26	24	13		997	312 1108	CRD
SA	0751	90 SCT	20			098	85	25	23	15		997		CRD
SA	0848	CLR	20			091	92	30	24	15 G22		995	ACSL E	CRD
SA	0949	CLR	20			090	93	31	22	17 G22		995	ACSL E/605 1040 81	CRD
SA	1050	CLR	20			087	97	33	23	17 G22		995	SC E	CRD
SA	1149	CLR	20			082	99	28	18	17 G26		993	FEW CU E ACSL E	CRD
SA	1250	CLR	20			074	100	26	20	20 G29		991	CB NE-SE/714 1900	CRD
SA	1345	CLR	20			072	101	27	18	14 G26		990	CB NE-SE MOVG NE	CRD
SA	1451	CLR	20			064	100	26	22	17 G25		987	CB NE-SE	CRD
SA	1550	CLR	20			061	100	26	22	17 G24		987	CB SE/714 190002	JC
/													RADAT 48153	/
SA	1652	CLR	20			056	99	28	22	15 G21		986	CB SE PSIPTD	JC
SA	1754	CLR	20			053	97	28	22	16 G24		984		JC
SA	1852	CLR	20			053	94	31	22	12 G21		984	607	JC
SA	1945	CLR	20			059	91	32	21	12		986		JC
SA	2054	CLR	20			068	88	32	22	06		989		JC
SA	2148	CLR	20			070	81	37	23	07		989	114 02	JC
SA	2251	CLR	20			074	80	36	21	04		990		JC
SA	2352	CLR	20			078	77	36	17	05		991		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 NEVADA

DATE: 1983 JUL 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 55	26.500	77.7	57.0	27	0															0	0	.010			00-01
01 53	26.500	78.6	54.9	20	0															0					01-02
02 51	26.500	77.7	54.2	19	0															0					02-03
03 48	26.505	74.8	53.0	21	0															0	3	.005			03-04
04 50	26.520	74.0	52.5	21	0															0					04-05
05 48	26.530	79.0	55.0	20	0															0					05-06
06 49	26.530	83.1	56.0	16	0															0	1	.025			06-07
07 48	26.560	84.9	56.3	14	0															0					07-08
08 52	26.565	88.2	57.8	13	0															0					08-09
09 50	26.570	90.8	59.0	13	0	0	Cu	80												0	3	.040			09-10
10 48	26.570	91.9	60.3	14	0															0					10-11
11 48	26.555	94.2	60.5	12	0															0					11-12
12 49	26.540	95.1	60.8	12	0	0	Cu	80												0	8	.030			12-13
13 46	26.530	96.8	61.7	11	0															0					13-14
14 50	26.520	96.4	61.8	12	0															0					14-15
15 49	26.490	95.7	61.7	12	0	0	Cu	80												0	8	.050			15-16
16 50	26.480	94.7	61.1	12	0															0					16-17
17 49	26.480	93.6	60.8	13	0															0					17-18
18 45	26.480	91.0	60.0	14	0	0	Cu	80	0	ASL	140	0								0	6	.010			18-19
19 48	26.500	87.5	58.4	15	0															0					19-20
20 49	26.530	82.7	54.9	14	0															0					20-21
21 54	26.530	81.9	54.6	14	0															0	1	.050			21-22
22 53	26.540	81.0	54.8	16	0															0					22-23
23 54	26.560	79.2	54.3	17	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343		0	0		79	75										
	0343	1	0	0	0	81	75		0								
	0942	2	0	0	0	91	74		0								
	1545	3	0	0	0	98	90		0								
	2149	4	0	0	0	96	81		0								
	MID.		0	0	0	82	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1547	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.505	26.570	26.490	26.530
BAROGRAPH 64	26.505	26.565	26.490	26.530
BAR. CORR. 65	0	+.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	74	0	0	0	33	S	1336					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: 0359P ±4 Sec./ 1921P ±4 Sec./ ± Sec.

1244P/APP 810/1700P

SP/0
RS/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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	0035	CLR	20			075	78	41	20	10		990	003	JC
SA	0153	CLR	20			073	79	34	18	11		990		JC
SA	0251	CLR	20			074	78	33	20	08		990		JC
SA	0348	CLR	20			076	75	33	25	07		991	302 95 RADAT 38146	RD
SA	0450	CLR	20			084	74	32	16	05		992		RD
SA	0548	CLR	20			086	79	34	17	09		993		RD
SA	0649	CLR	20			085	83	32	24	10		993	108	RD
SA	0748	CLR	20			097	85	30	18	17		997		RD
SA	0852	CLR	20			099	88	32	20	15		997		RD
SA	0950	CLR	20			103	91	32	20	18		998	314 1100 94	RD
SA	1048	CLR	20			103	92	36	21	20		998		RD
SA	1148	CLR	20			098	94	34	20	17	627	996		RD
SA	1249	CLR	20			092	95	34	18	20	630	994	16 803 1100	RD
SA	1346	CLR	20			086	97	35	19	21	633	993		RD
SA	1450	CLR	20			083	96	36	22	24		992		RD
SA	1549	CLR	20			074	96	36	22	18	630	989	817 1100 98 RADAT 20154	JC
SA	1650	CLR	20			070	95	35	21	14	626	988		JC
SA	1749	CLR	20			068	94	35	22	20	629	988	FEW CU SE ACSL W	JC
SA	1845	CLR	20			067	91	36	21	13	619	988	FEW ACSL W / 603 1140	JC
SA	1948	CLR	20			077	88	35	22	10		990	FEW ACSL W	JC
SA	2049	CLR	20			088	83	28	20	06		993		JC
SA	2154	CLR	20			087	82	28	20	08		993	117 98	JC
SA	2253	CLR	20			091	81	30	18	12		994		JC
SA	2354	CLR	20			098	79	31	19	13		997		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 NEVADA

DATE: 1983 JUL 0 8

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	26.570	77.4	54.3	20	0															0	2	.040			00-01
01 52	26.570	76.2	53.8	20	0															0					01-02
02 50	26.560	76.8	53.6	19	0															0					02-03
03 45	26.560	75.0	52.0	18	0															0	6	.010			03-04
04 46	26.565	73.8	52.4	22	0															0					04-05
05 50	26.580	76.9	54.5	22	0															0					05-06
06 49	26.590	77.5	55.3	23	0	0	Cu	80												0	2	.030			06-07
07 49	26.595	82.7	58.1	21	0															0					07-08
08 47	26.585	84.8	60.9	25	0															0					08-09
09 46	26.580	87.0	64.5	30	1	1	Cu	80												1	8	.010			09-10
10 49	26.580	91.1	66.0	27	1															1					10-11
11 50	26.565	91.2	65.5	25	1															1					11-12
12 49	26.570	93.3	64.6	21	1	1	CB	80												1	5	.010			12-13
13 47	26.570	93.4	64.9	21	0															0					13-14
14 50	26.550	93.0	64.0	20	0															0					14-15
15 51	26.520	93.9	65.5	22	0	0	Cu	80												0	8	.050			15-16
16 54	26.500	92.9	66.0	24	1															1					16-17
17 53	26.490	91.9	63.7	21	2															2					17-18
18 52	26.500	87.8	59.7	18	1	1	Cu	80												1	5	.020			18-19
19 51	26.510	85.2	57.8	17	0															0					19-20
20 52	26.530	81.2	55.7	18	0															0					20-21
21 51	26.540	79.8	54.9	18	0															0	2	.040			21-22
22 52	26.550	78.6	54.4	18	0															0					22-23
23 54	26.560	77.7	54.3	20	0															0					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	0	0	X	79	75	X	X						X		
	0340	1	0	0	0	82	75		0								
	0940	2	0	0	0	87	74		0								
	1545	3	0	0	0	95	87		0								
	2147	4	0	0	0	94	79		0								
	MID.	X	0	0	0	80	77	X	X						X		

STATION PRESSURE COMPUTATIONS

	TIME (L.S.T.) 59	0344	0945	1547	2149
ATT. THERM. 60					
OBSRVD. BAR. 61					
TOTAL CORR. 62					
STA. PRESS. 63		26.560	26.580	26.520	26.540
BAROGRAPH 64		26.560	26.585	26.520	26.530
BAR. CORR. 65		0	-.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
95	74	0	0	0	38	S	1230					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0800P ±4 Sec./ 1907P ±4 Sec./ ± Sec.

2151P 95/2153P

SP/0
RS/0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-564-008/103

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			103	77	34	21	12		998	214	JC
SA	0152	CLR	20			102	77	33	21	13		998		JC
SA	0250	CLR	20			099	77	32	21	16 G21		997		JC
SA	0345	CLR	20			100	75	29	23	11		997	603 75 RADAT 20150	RD
SA	0446	CLR	20			104	74	32	22	14		997		RD
SA	0550	CLR	20			106	77	35	24	15		999		RD
SA	0649	CLR	20			111	78	37	23	18		000	210 1100	RD
SA	0749	CLR	20			114	83	39	20	19		000		RD
SA	0847	CLR	20			111	85	45	22	23		999		RD
SA	0946	80 SCT	20			107	87	52	21	22		999	*803 1100 74	RD
—	—		—			—						—	PK WND 2137/23 /	—
SA	1049	80 SCT	20			106	91	52	22	25		999	TCU NE PK WND 1936/18	RD
SA	1150	80 SCT	20			102	91	51	19	23 G36		997	TCU NE SE PK WND 1936/49	RD
SA	1249	80 SCT	20			104	93	47	21	22 G33		998	CB NE PK WND 2038/30	RD
—	—		—			—						—	503 1300	—
SA	1347	CLR	20			104	93	48	21	20 G31		998	CB NE	RD
SA	1450	CLR	20			095	93	46	21	19 G33		996	FEW CU	RD
SA	1551	CLR	20			085	94	49	22	21 G30		992	817 1100 95 RADAT	JC
/													20148	/
SA	1654	80 SCT	20			078	93	51	20	19 G32		990	CB S	JC
SA	1753	80 SCT	20			074	92	46	22	14 G25		989	CB SE	JC
SA	1852	80 SCT	20			079	88	39	22	11 G20		990	CB SE DSIPTD / 507	JC
/													1100	/
SA	1951	CLR	20			082	85	35	23	10		991		JC
SA	2052	CLR	20			090	81	33	22	11		993		JC
SA	2151	CLR	20			094	80	32	15	04		994	214 945	JC
SA	2252	CLR	20			096	79	32	35	03		996		JC
SA	2354	CLR	20			100	78	33	20	12		997		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 NEVADA

DATE: 1983 JUL 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 50	26.550	75.2	54.2	24	0															0	0	.010			00-01
01 51	26.550	75.3	52.8	20	0															0					01-02
02 50	26.560	73.6	52.1	21	0															0					02-03
03 50	26.545	72.7	52.8	25	0	0	Cu	80												0	8	.005			03-04
04 48	26.545	72.4	53.0	26	0															0					04-05
05 49	26.545	75.0	53.9	24	0															0					05-06
06 46	26.555	76.2	53.9	21	0	0	Cu	80												0	3	.010			06-07
07 47	26.555	77.8	54.1	19	0															0					07-08
08 52	26.535	79.3	54.0	17	0															0					08-09
09 49	26.560	80.8	53.0	12	0	0	Cu	80												0	3	.005			09-10
10 46	26.585	82.6	54.0	12	0															0					10-11
11 48	26.610	84.4	54.4	11	0															0					11-12
12 50	26.610	86.8	55.2	9	0															0	1	.050			12-13
13 47	26.615	86.2	54.0	8	0															0					13-14
14 46	26.610	85.0	54.8	10	0															0					14-15
15 51	26.610	83.8	55.2	11	0															0	0	.000			15-16
16 50	26.620	85.0	54.8	11	0															0					16-17
17 49	26.630	83.8	54.0	10	0															0					17-18
18 50	26.650	80.9	52.3	10	0															0	3	.040			18-19
19 52	26.670	78.1	51.0	19	0															0					19-20
20 53	26.710	72.2	49.0	15	0															0					20-21
21 52	26.730	70.0	49.8	21	0															0	2	.080			21-22
22 51	26.740	68.9	47.9	12	0															0					22-23
23 53	26.750	66.9	47.7	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	78	73	X	X						X		
	0343	1	0	0	0	80	73		0								
	0942	2	0	0	0	81	72		0								
	1548	3	0	0	0	88	80		0								
	2149	4	0	0	0	86	70		0								
	MID.	X	0	0	0	70	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1550	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.545	26.560	26.610	26.730
BAROGRAPH 64	26.535	26.560	26.615	26.730
BAR. CORR. 65	+.010	0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	66	0	0	0	46	5	0901					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: 0805P ±4 Sec./ 1908P ±4 Sec./ ± Sec.

CHANGED MCR-BAROGRAPH AT 0948 LST

1148P/1148P 0949P/0949P 0852P/642/2359P 0949P/1100/2359P

SP/0
RS/0

MF 1-10A
(1-82)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE 1983 JUL 0 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)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			096	75	36	24	07		996	003	JC
SA	0151	CLR	20			096	75	31	22	11		996		JC
SA	0250	CLR	20			101	74	31	21	13		997		JC
SA	0350	CLR	20			096	73	35	21	19		995	802 1100 73 RADAT 20146	RD
SA	0448	CLR	20			096	72	36	21	20		995		RD
SA	0549	CLR	20			095	75	35	22	15		995		RD
SA	0646	CLR	20			101	76	34	22	16	G26	996	303 1100	RD
SA	0747	CLR	20			101	78	32	20	22	G36	996	PK WND 1936/45	RD
SA	0852	CLR	20			096	79	30	20	28	G40	994	PK WND 1942/47	RD
SA	0949	CLR	20			105	81	23	22	30	G40	997	~~30~~ PK WND 1946/01	RD
—			—			—						—	302 ~~1002~~ 1100 72	—
SA	1046	CLR	20			114	83	24	20	22	G31	999	CU SE PK WND 2243/14	RD
SA	1148	CLR	20			122	84	23	23	26	~~G~~	002	TCU SE PK WND 2236/32	RD
SA	1250	CLR	20			124	87	22	24	19		002	117	RD
SA	1347	CLR	20			125	86	17	22	17		003		RD
SA	1446	CLR	20			125	85	24	30	08		002		RD
SA	1551	CLR	20			124	86	24	30	14		002	000 88 RADAT 20167	JC
SA	1650	CLR	20			128	85	24	29	11		003		JC
SA	1749	CLR	20			131	84	22	29	10		004		JC
SA	1850	CLR	20			140	81	19	34	12		007	314	JC
SA	1952	CLR	20			151	73	28	03	17	G24	009		JC
SA	2053	CLR	20			166	72	21	03	14	G21	013		JC
SA	2152	CLR	20			174	70	28	05	15	G23	015	227 88	JC
SA	2251	CLR	20			177	69	23	06	13	G19	016		JC
SA	2353	CLR	20			181	67	26	04	04		017		JC

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

FM12-VII: Iliii $i_R i_x h$VV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW_1W_2 $8N_hC_LC_MC_H$

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 NEVADA

DATE: 1983 JUL 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	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.750	64.6	45.6	19	0															0	1	.020			00-01
01 54	26.750	64.4	46.8	24	0															0					01-02
02 49	26.760	63.4	46.5	25	0															0					02-03
03 48	26.770	62.0	46.8	30	0															0	3	.020			03-04
04 47	26.785	61.0	46.7	33	0															0					04-05
05 49	26.790	63.0	47.7	31	0															0					05-06
06 48	26.800	65.2	48.7	29	0															0	2	.030			06-07
07 48	26.800	68.4	50.3	26	0															0					07-08
08 46	26.790	72.0	51.6	23	0															0					08-09
09 47	26.780	75.6	52.7	19	0															0	8	.020			09-10
10 47	26.760	78.0	53.6	17	0															0					10-11
11 48	26.735	81.4	54.0	13	0															0					11-12
12 47	26.710	84.2	54.7	11	0															0	7	.070			12-13
13 45	26.690	84.6	55.3	12	0															0					13-14
14 47	26.670	87.6	55.7	9	0															0					14-15
15 50	26.650	86.4	55.6	11	0															0	7	.060			15-16
16 48	26.630	87.2	55.9	11	0															0					16-17
17 46	26.620	87.8	56.5	11	0															0					17-18
18 49	26.620	85.0	54.8	11	0															0	6	.030			18-19
19 47	26.630	80.1	52.6	12	0															0					19-20
20 50	26.650	79.0	52.4	13	0															0					20-21
21 45	26.650	77.5	51.7	13	0															0	1	.030			21-22
22 50	26.650	75.0	50.6	14	0															0					22-23
23 51	26.660	73.8	50.1	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	67	62	X	X						X		
	0344	1	0	0	0	70	62		0								
	0942	2	0	0	0	76	61		0								
	1541	3	0	0	0	90	76		0								
	2140	4	0	0	0	89	78		0								
	MID.	X	0	0	0	78	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1549	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.770	26.780	26.650	26.650
BAROGRAPH 64	26.765	26.780	26.650	26.645
BAR. CORR. 65	+.005	0	±0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	61	0	0	0	22	NE	0713					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: 0840P ±4 Sec./ 2305P ±3 Sec./ ± Sec.

SP/O
RS/O

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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	0053	CLR	20			181	65	21	36	05		017	107	JC
SA	0154	CLR	20			181	64	22	04	07		017		JC
SA	0249	CLR	20			187	63	22	06	11		018		JC
SA	0348	CLR	20			192	62	30	05	06		019	307 62 RADAT 20156	SH
SA	0447	CLR	20			198	61	31	06	15		022		SH
SA	0549	CLR	20			199	63	32	05	10		022		SH
SA	0648	CLR	20			204	65	32	06	16		023	210	SH
SA	0748	CLR	20			208	68	33	05	13		023		SH
SA	0846	CLR	20			201	72	32	06	15		022		SH
SA	0947	CLR	20			196	76	30	05	10		021	807 61	SH
SA	1047	CLR	20			188	78	30	01	10		018		SH
SA	1148	CLR	20			178	81	27	04	09		016		SH
SA	1247	CLR	20			168	84	25	36	10		013	724	SH
SA	1345	CLR	20			160	85	27	04	07		011		SH
SA	1447	CLR	20			151	88	23	30	06		008		SH
SA	1550	CLR	20			146	86	25	33	06		006	720 90 RADAT 20156	008
SA	1648	CLR	20			138	87	25	36	08		004		008
SA	1746	CLR	20			132	88	27	35	06		003		008
SA	1849	CLR	20			132	85	24	36	08		003	610	008
SA	1947	CLR	20			137	80	23	02	08		004		008
SA	2050	CLR	20			143	79	24	04	10		006		008
SA	2145	CLR	20			142	78	23	04	10		006	110 90	008
SA	2250	CLR	20			142	75	23	04	13		006		008
SA	2351	CLR	20			145	74	23	04	13		007		008

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 NEVADA

DATE: 1983 JUL 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	26.670	75.4	49.6	11	0															0	3	.020			00-01
01 48	26.670	74.3	49.6	13	0															0					01-02
02 46	26.680	71.0	48.5	15	0															0					02-03
03 46	26.710	69.1	49.0	20	0															0	3	.040			03-04
04 45	26.730	68.0	48.1	20	0															0					04-05
05 49	26.745	70.0	49.0	19	0															0					05-06
06 46	26.745	71.8	50.0	18	0															0	1	.035			06-07
07 49	26.740	75.0	52.4	19	0															0					07-08
08 47	26.725	79.1	54.8	19	0															0					08-09
09 47	26.720	82.6	55.7	16	0															0	7	.025			09-10
10 47	26.700	84.8	56.5	15	0															0					10-11
11 48	26.680	87.4	58.2	15	0															0					11-12
12 48	26.660	89.6	59.8	16	0															0	7	.060			12-13
13 48	26.635	92.2	58.2	10	0															0					13-14
14 45	26.620	93.0	57.7	8	0															0					14-15
15 45	26.600	93.4	57.0	7	0															0	7	.060			15-16
16 49	26.580	93.0	57.2	7	0															0					16-17
17 51	26.570	92.6	56.6	6	0															0					17-18
18 45	26.580	90.7	56.0	7	0															0	5	.020			18-19
19 46	26.590	83.6	53.0	8	0															0					19-20
20 53	26.620	83.0	53.0	9	0															0					20-21
21 47	26.620	74.1	49.2	12	0															0	1	.040			21-22
22 45	26.620	70.9	47.6	13	0															0					22-23
23 51	26.620	69.1	47.3	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	75	68	X	X						X		
	0342	1	0	0	0	78	68		0								
	0943	2	0	0	0	83	67		0								
	1540	3	0	0	0	95	83		0								
	2141	4	0	0	0	93	74		0								
	MID.	X	0	0	0	74	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1544	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.720	26.600	26.620
BAROGRAPH 64	26.700	26.710	26.595	26.615
BAR. CORR. 65	+.010	+.010	+.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	67	0	0	0	21	NE	0653					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: 0740P ±4 Sec./ 2355P ±4 Sec./ ± Sec.

SP-0
RS-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0049	CLR	20			147	75	17	07	11		008	307	008
SA	0148	CLR	20			148	74	20	03	16		008		008
SA	0246	CLR	20			151	71	21	05	10		009		008
SA	0346	CLR	20			164	69	27	04	12		013	314 68 RADAT 20155	SH
SA	0445	CLR	20			172	68	25	05	14		015		SH
SA	0549	CLR	20			177	70	25	05	13		017		SH
SA	0646	CLR	20			177	72	26	04	16		017	112	SH
SA	0749	CLR	20			175	75	30	04	14		016		SH
SA	0847	CLR	20			169	79	33	02	13		015		SH
SA	0947	CLR	20			167	83	31	05	14		014	708 67	SH
SA	1047	CLR	20			159	85	31	06	12		012		SH
SA	1148	CLR	20			150	87	34	36	10		010		SH
SA	1248	CLR	20			141	90	37	35	07		007	720	SH
SA	1348	CLR	20			130	92	27	30	07		005		SH
SA	1445	CLR	20			126	93	23	36	09		003		SH
SA	1545	CLR	20			120	92	21	03	07		001	720 95 RADAT 20159	008
SA	1649	CLR	20			112	93	21	36	08		998		008
SA	1751	CLR	20			107	93	18	06	07		997		008
SA	1845	CLR	20			111	91	19	05	04		998	507	008
SA	1946	CLR	20			117	84	17	12	07		999		008
SA	2053	CLR	20			127	83	19	04	04		003		008
SA	2147	CLR	20			129	74	18	08	02		003	114 95	008
SA	2245	CLR	20			130	71	17	36	02		003		008
SA	2351	CLR	20			129	69	20	05	02		008		008

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 NEVADA

DATE: 1983 JUL 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	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	26.620	66.7	46.0	16	0														0	4	.000				00-01
01	50	26.620	65.8	45.3	15	0														0						01-02
02	50	26.630	67.4	46.1	15	0														0						02-03
03	47	26.650	64.6	45.1	17	0														0	3	.030				03-04
04	45	26.660	64.0	45.0	18	0														0						04-05
05	46	26.670	69.7	48.1	16	0														0						05-06
06	48	26.680	78.1	51.6	12	0														0	2	.030				06-07
07	47	26.670	84.6	54.7	11	0														0						07-08
08	48	26.670	88.6	55.5	8	0														0						08-09
09	46	26.655	94.0	57.0	6	0														0	7	.025				09-10
10	46	26.650	95.6	57.6	6	0														0						10-11
11	47	26.630	98.0	57.7	4	0														0						11-12
12	47	26.620	99.3	59.0	5	0														0	7	.035				12-13
13	48	26.600	98.7	58.8	5	0														0						13-14
14	50	26.580	99.4	59.0	5	0														0						14-15
15	48	26.570	100.1	58.8	4	0														0	6	.050				15-16
16	49	26.550	98.9	57.9	4	0														0						16-17
17	51	26.550	95.6	57.3	5	0														0						17-18
18	45	26.550	93.2	56.0	5	0														0	6	.020				18-19
19	45	26.565	85.1	52.4	6	0														0						19-20
20	50	26.580	85.0	52.3	5	0														0						20-21
21	46	26.590	79.3	50.0	7	0														0	2	.040				21-22
22	45	26.590	75.1	48.3	8	0														0						22-23
23	51	26.590	74.4	48.6	10	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	69	64	X	X						X		
	0343	1	0	0	0	74	64		0								
	0942	2	0	0	0	94	63		0								
	1542	3	0	0	0	101	94		0								
	2140	4	0	0	0	100	77		0								
	MID.	X	0	0	0	79	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.655	26.570	26.590
BAROGRAPH 64	26.640	26.650	26.570	26.590
BAR. CORR. 65	+.010	+.005	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	63	0	0	0	20	SW	1320					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: 1034P ±4 Sec. 2350P ±4 Sec. ± Sec.

SP-0

RS-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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	0049	CLR	20			130	67	19	33	02		003	400	008
SA	0150	CLR	20			129	66	17	10	02		003		008
SA	0250	CLR	20			132	67	17	13	04		004		008
SA	0347	CLR	20			140	65	19	05	02		006	310 64 RADAT 20151	SH
SA	0445	CLR	20			144	64	20	35	05		007		SH
SA	0546	CLR	20			146	70	22	13	02		008		SH
SA	0648	CLR	20			146	78	22	11	04		010	210	SH
SA	0747	CLR	20			144	85	24	36	03		008		SH
SA	0848	CLR	20			141	89	20	01	03		006		SH
SA	0946	CLR	20			138	94	17	20	03		007	708 63	SH
SA	1046	CLR	20			137	96	17	07	03		006		SH
SA	1147	CLR	20			128	98	11	27	09		004		SH
SA	1247	CLR	20			125	99	17	19	06		003	712	SH
SA	1348	CLR	20			117	99	17	23	09		001		SH
SA	1450	CLR	20			109	99	17	21	12		998		SH
SA	1548	CLR	20			106	100	14	20	09		997	617 01 RADAT 20158	008
SA	1649	CLR	20			099	99	11	31	08		995		008
SA	1751	CLR	20			099	96	15	23	08		995		008
SA	1845	CLR	20			096	93	12	23	05		995	607	008
SA	1945	CLR	20			101	85	9	02	05		997		008
SA	2050	CLR	20			106	85	8	15	02		998		008
SA	2146	CLR	20			110	79	9	07	04		999	214 01	008
SA	2245	CLR	20			111	75	10	01	02		999		008
SA	2351	CLR	20			111	74	14	09	02		999		008

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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 NEVADA

DATE: 1993 JUL 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	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	26.600	71.5	46.7	9	0															0	3	.010			00-01
01 50	26.600	69.7	45.6	9	0															0					01-02
02 48	26.610	67.4	44.7	10	0															0					02-03
03 50	26.620	67.5	45.6	13	0															0	3	.020			03-04
04 47	26.630	66.7	45.0	12	0															0					04-05
05 49	26.650	72.7	48.2	11	0															0					05-06
06 49	26.660	79.0	52.0	12	0															0	2	.040			06-07
07 46	26.660	85.1	54.4	10	0															0					07-08
08 48	26.650	91.4	57.2	9	0															0					08-09
09 48	26.650	93.8	58.5	9	0															0	6	.010			09-10
10 51	26.640	97.5	59.5	7	0															0					10-11
11 46	26.620	99.7	60.0	6	0															0					11-12
12 50	26.600	99.8	59.8	6	0															0	8	.050			12-13
13 47	26.580	102.0	61.5	7	0															0					13-14
14 50	26.560	101.8	60.5	6	0															0					14-15
15 47	26.540	102.1	61.0	6	0															0	7	.060			15-16
16 47	26.530	101.6	61.1	7	0															0					16-17
17 46	26.520	100.2	60.3	7	0															0					17-18
18 48	26.520	96.4	59.7	9	0															0	6	.020			18-19
19 48	26.530	89.7	57.7	11	0															0					19-20
20 47	26.540	87.0	56.2	11	0															0					20-21
21 48	26.540	82.0	54.4	13	0															0	1	.020			21-22
22 47	26.540	81.6	55.0	16	0															0					22-23
23 48	26.545	83.6	55.8	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		74	67										
	0346	1	0	0	0	79	67		0								
	0944	2	0	0	0	94	67		0								
	1543	3	0	0	0	103	94		0								
	2144	4	0	0	0	103	82		0								
	MID.		0	0	0	84	80										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.540	26.540
BAROGRAPH 64	26.620	26.640	26.540	26.530
BAR. CORR. 65	0	+.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
103	67	0	0	0	23	W	1633					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: 10.00 ± .25 Sec./ 2319P ± 3 Sec./ ± Sec.

1146/1146P

SP-0

RS-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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 (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			115	72	10	14	06		001	303	008
SA	0150	CLR	20			117	70	8	05	08		001		008
SA	0248	CLR	20			120	67	9	02	02		002		008
SA	0350	CLR	20			124	68	15	08	07		003	307 67 RADAT MISG	EP
SA	0447	CLR	20			129	67	13	13	03		004		EP
SA	0549	CLR	20			135	73	16	12	04		006		EP
SA	0649	CLR	20			138	79	22	00	00		007	214	EP
SA	0746	CLR	20			138	85	22	12	03		007		EP
SA	0848	CLR	20			131	91	24	20	04		006		EP
SA	0948	CLR	20			132	94	26	23	08		006	603 67	EP
SA	1051	CLR	20			129	98	24	26	13		005		EP
SA	1146	CLR	20			120	100	23	23	12		003		EP
SA	1250	CLR	20			115	100	21	29	14		001	817	EP
SA	1347	CLR	20			107	102	26	30	06		998		EP
SA	1450	CLR	20			101	102	21	19	08		996		EP
SA	1547	CLR	20			092	102	24	24	13		994	720 03 RADAT 20153	HS
SA	1647	CLR	20			090	102	25	25	13		993		HS
SA	1746	CLR	20			083	100	23	22	09		992		HS
SA	1848	CLR	20			081	96	27	25	08		992	607	HS
SA	1948	CLR	20			085	90	29	23	04		993		HS
SA	2047	CLR	20			089	87	27	28	04		994		HS
SA	2148	CLR	20			090	82	27	05	06		994	107 03	HS
SA	2247	CLR	20			088	82	30	31	04		994		HS
SA	2348	CLR	20			088	83	31	21	07		995		HS

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: 14 JUL 1983

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
00 49	26.540	82.8	55.6	15	0															0	0	.006		
01 48	26.540	80.6	55.2	17	0															0				
02 46	26.530	85.4	57.8	17	0															0				
03 48	26.530	83.2	56.3	16	0															0	6	.010		
04 47	26.530	79.0	54.3	18	0															0				
05 47	26.530	88.0	58.0	14	0															0				
06 46	26.520	90.5	58.5	12	0	0	Sc	80												0	8	.010		
07 47	26.520	92.6	57.8	9	0															0				
08 49	26.520	94.6	58.6	8	0															0				
09 50	26.520	96.6	58.5	6	0															0	4	.000		
10 49	26.510	97.7	59.0	6	0															0				
11 45	26.490	98.6	58.7	5	0															0				
12 49	26.465	101.3	59.8	5	0	0	Cu	80												0	8	.055		
13 50	26.440	100.5	59.5	5	0															0				
14 50	26.420	102.0	60.5	6	0															0				
15 50	26.400	101.6	60.4	6	0	0	Cu	90												0	7	.065		
16 50	26.380	101.0	61.0	7	0															0				
17 48	26.380	97.3	61.9	11	2															1				
18 50	26.380	93.4	59.7	11	2	2	K	50												2	6	.020		
19 49	26.390	90.8	60.0	15	0															0				
20 50	26.390	88.1	63.0	25	0															0				
21 49	26.390	85.2	61.1	25	0															0	1	.010		
22 47	26.360	86.0	59.4	19	0															0				
23 48	26.360	83.7	60.0	23	0															0				

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	85	80	X	X						X		
	0343	1	0	0	0	85	80		0								
	0944	2	0	0	0	97	79		0								
	1546	3	0	0	0	103	97		0								
	2145	4	0	0	0	103	85		0								
	MID.	X	0	0	0	87	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1549	214[illegible]
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.520	26.400	26.39[illegible]
BAROGRAPH 64	26.520	26.510	26.380	26.36[illegible]
BAR. CORR. 65	+010	+.010	+.020	+.02[illegible]

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
103	79	0	0	0	36	SW	1201					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: 0548P @4Sec./ 2055P @4Sec./ ± Sec.

SP-0

RS-0

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: 14 JUL 1983

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	0049	CLR	20			086	83	31	05	04		994	000	HS
SA	0148	CLR	20			086	81	32	09	07		994		HS
SA	0246	CLR	20			081	85	35	12	07		993		HS
SA	0348	CLR	20			083	83	33	07	04		993	603 80 RADAT 45147	EP
SA	0447	CLR	20			083	79	31	36	07		993		EP
SA	0547	CLR	20			081	88	33	20	14		993		EP
SA	0646	CLR	20			077	91	31	20	16		992	803 1500	EP
SA	0747	CLR	20			078	93	25	20	22	G30	992		EP
SA	0849	CLR	20			078	95	25	20	22	G28	992		EP
SA	0950	CLR	20			080	97	21	20	24	G32	992	400 79	EP
SA	1049	CLR	20			076	98	21	21	21	G28	991		EP
SA	1145	CLR	20			068	99	17	20	24	G30	988		EP
SA	1249	CLR	20			057	101	18	21	23	G35	986	PK WND 2136/01/819 1100	EP
SA	1350	CLR	20			049	101	18	25	19	G28	983		EP
SA	1450	CLR	20			039	102	21	20	22	G29	981		EP
SA	1550	CLR	20			032	102	21	19	16	G26	979	722 1100 03 RADAT 34147	HS
SA	1650	CLR	20			027	101	26	21	21		977		HS
SA	1748	50 - SCT	20			025	97	35	19	16	G26	977	K 50 - SCT	HS
SA	1850	50 SCT	20			025	93	32	21	15	G30	977	K 50 SCT 607	HS
SA	1949	CLR	20			026	91	36	20	16	G28	977	K ALF N-E	HS
SA	2050	CLR	20			030	88	47	18	10	G21	978	K NW	HS
SA	2149	CLR	20			030	85	45	20	12		978	103 03	HS
SA	2247	CLR	20			017	86	40	19	14	G26	974		HS
SA	2348	CLR	20			018	84	44	19	12	G21	974		HS

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: 15 JUL 1983

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	HP
00 50	26.360	80.6	63.6	40	0															0	6	.030			00 01
01 47	26.360	77.2	58.1	32	0															0					01 02
02 47	26.370	77.2	53.6	19	0															0					02 03
03 47	26.370	76.3	52.6	18	0															0	1	.010			03 04
04 48	26.400	75.0	52.9	21	0															0					04 05
05 45	26.410	75.7	53.5	21	0															0					05 06
06 48	26.415	82.3	57.0	19	0															0	1	.045			06 07
07 49	26.420	85.0	60.0	22	0															0					07 08
08 48	26.420	85.7	60.6	23	0															0					08 09
09 47	26.420	87.8	61.0	20	0															0	1	.005			09 10
10 48	26.415	89.0	61.0	19	0															0					10 11
11 46	26.400	91.0	63.0	20	0															0					11 12
12 49	26.390	92.0	62.2	18	0	0	CU	80												0	7	.030			12 13
13 47	26.370	93.0	61.5	15	0															0					13 14
14 50	26.355	93.9	61.7	14	0															0					14 15
15 49	26.340	95.0	61.7	13	0	0	CU	90	0	K	120	0								0	7	.050			15 16
16 48	26.320	93.6	61.1	14	0															0					16 17
17 49	26.305	92.9	60.8	14	0															0					17 18
18 48	26.305	90.0	57.4	10	0	0	K	120												0	6	.035			18 19
19 48	26.315	87.0	54.4	8	0															0					19 20
20 52	26.325	82.6	54.0	12	0															0					20 21
21 48	26.320	81.1	53.6	13	0															0	0	.015			21 22
22 46	26.320	80.4	52.6	11	0															0					22 23
23 47	26.320	79.1	51.7	11	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	84	76	X	X						X		
	0343	1	0	0	0	87	76		0								
	0944	2	0	0	0	88	75		0								
	1545	3	0	0	0	95	88		0								
	2144	4	0	0	0	95	81		0								
	MID.	X	0	0	0	82	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	214
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.420	26.340	26.320
BAROGRAPH 64	26.350	26.400	26.320	26.295
BAR. CORR. 65	+.020	+.020	+.020	+.02

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND: SPEED (Kts.) 71	PEAK WIND: DIRECTION 72	PEAK WIND: TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.): TOP 75	FROZEN GROUND LAYER (Ins.): BASE 76	RIVER GAGE 77	SKY COVER: SUNRISE TO SUNSET 78	SKY COVER: MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	75	0	0	0	28	SW	2038					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: 0900P ±4 Sec. 2000P ±4 Sec. ± Sec.

1948P - 1948P

SP-0
RS-0

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

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: 15 JUL 1983

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			017	81	54	23	07		974	610	HS
SA	0147	CLR	20			020	77	45	05	07		974		HS
SA	0247	CLR	20			024	77	32	03	11		976		HS
SA	0347	CLR	20			024	76	29	03	10		976	103 76 RADAT 36144	EP
SA	0448	CLR	20			036	75	32	03	08		979		EP
SA	0545	CLR	20			041	76	33	00	00		980		EP
SA	0648	CLR	20			042	82	36	00	00		980	115	EP
SA	0749	CLR	20			044	85	42	22	15		981		EP
SA	0848	CLR	20			045	86	43	22	17		981		EP
SA	0947	CLR	20			046	88	42	22	15		981	102 75	EP
SA	1048	CLR	20			042	89	41	21	16		980		EP
SA	1146	CLR	20			036	91	45	21	14		979		EP
SA	1249	CLR	20			034	92	42	27	10		978	710 1100	EP
SA	1347	CLR	20			027	93	39	20	12		975		EP
SA	1450	CLR	20			022	94	38	23	12		973		EP
SA	1549	CLR	20			016	95	37	24	12		972	K ALF NW-NE 717 1100	/
/													95 RADAT 20159	HS
SA	1648	CLR	20			010	94	37	20	13		970	K ALF N	HS
SA	1749	CLR	20			004	93	36	20	15		969	K ALF N	HS
SA	1848	CLR	20			003	90	27	19	16		969	K ALF N 612	HS
SA	1948	CLR	20			006	88	18	20	13		970		HS
SA	2052	CLR	20			012	83	24	21	14	G25	971		HS
SA	2148	CLR	20			010	81	25	24	15		970	005 95	HS
SA	2246	CLR	20			010	80	22	22	12		970		HS
SA	2347	CLR	20			009	79	20	19	10		970		HS

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: 16 JUL 1983

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	26.315	78.0	54.5	20	0															0	8	.005			00 01
01 47	26.330	71.0	50.0	20	0															0					01 02
02 46	26.340	69.9	50.1	22	0															0					02 03
03 50	26.350	66.4	50.8	33	0															0	2	.035			03 04
04 47	26.370	69.4	50.3	24	0															0					04 05
05 48	26.390	70.2	50.3	22	0															0					05 06
06 50	26.410	74.5	52.0	19	0															0	2	.060			06 07
07 47	26.415	76.0	53.3	20	0															0					07 08
08 48	26.410	79.2	53.7	16	0															0					08 09
09 49	26.410	81.0	54.7	16	0															0	0	.000			09 10
10 48	26.400	85.3	56.4	14	0															0					10 11
11 46	26.385	87.1	56.8	12	0															0					11 12
12 48	26.370	90.1	57.8	11	0															0	8	.040			12 13
13 45	26.365	91.7	57.4	9	0															0					13 14
14 45	26.360	90.6	57.1	9	0															0					14 15
15 49	26.340	90.6	58.0	11	0															0	8	.030			15 16
16 47	26.330	91.2	58.3	11	0															0					16 17
17 48	26.320	89.5	57.2	11	0															0					17 18
18 48	26.330	86.8	56.0	11	0	0	K	70												0	5	.010			18 19
19 49	26.340	84.2	56.0	14	0															0					19 20
20 50	26.350	83.0	55.2	14	0															0					20 21
21 49	26.360	81.1	54.7	15	0															0	2	.030			21 22
22 48	26.360	78.8	53.7	17	0															0					22 23
23 48	26.360	76.4	53.3	19	0															0					23 24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	79	66	X	X						X		
	0345	1	0	0	0	82	66		0								
	0945	2	0	0	0	81	66		0								
	1545	3	0	0	0	92	81		0								
	2145	4	0	0	0	91	81		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.350	26.410	26.340	26.360
BAROGRAPH 64	26.320	26.390	26.330	26.34
BAR. CORR. 65	+.030	+.020	+.010	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
92	66	0	0	0	32	SW	1239					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 MINUTE WIND SPEED M.P.H. OR FASTEST MILE M.P.H. ASSOCIATED DIRECTION TIME

TIME CHECK - CLOCK AT: 1000P ±4 Sec./ 2000P ±4 Sec./ ± Sec.

SP-0
RS-0

MF1-10B (1-82) 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: 16 JUL 1983

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	0048	CLR	20			008	78	33	36	08		970	802	HS
SA	0147	CLR	20			015	71	28	03	04		971		HS
SA	0246	CLR	20			020	70	30	30	04		972		HS
SA	0350	CLR	20			025	66	37	31	06		973	212 66 RADAT 20155	EP
SA	0447	CLR	20			030	69	31	23	06		975		EP
SA	0548	CLR	20			038	70	30	04	05		978		EP
SA	0650	CLR	20			046	75	30	21	06		980	220	EP
SA	0747	CLR	20			048	76	32	23	09		980		EP
SA	0848	CLR	20			047	79	29	23	12		980		EP
SA	0949	CLR	20			047	81	30	23	13		980	000 66	EP
SA	1048	CLR	20			041	85	30	23	13		979		EP
SA	1146	CLR	20			035	87	29	23	17		977		EP
SA	1248	CLR	20			029	90	29	21	21 G32		975	814	EP
SA	1345	CLR	20			029	92	24	21	17 G29		975		EP
SA	1445	CLR	20			028	91	25	21	19 G30		974		EP
SA	1549	CLR	20			023	91	29	21	17 G30		972	810 92 RADAT 20156	HS
SA	1647	CLR	20			016	91	29	20	15 G26		971	K ALF SE	HS
SA	1748	CLR	20			014	90	27	22	11		970	K ALF SE	HS
SA	1848	CLR	20			016	87	26	20	13 G23		971	K SE 503	HS
SA	1949	CLR	20			021	84	30	18	12		972		HS
SA	2050	CLR	20			025	83	29	20	15		973		HS
SA	2149	CLR	20			028	81	30	21	11 G23		974	210 92	HS
SA	2248	CLR	20			026	79	30	23	13		974		HS
SA	2348	CLR	20			026	76	32	23	15		974		HS

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: 17 JUL 1983

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
00 48	26.360	76.0	53.2	20	0															0	4	.000		
01 48	26.360	75.1	52.9	21	0															0				
02 45	26.360	75.1	52.0	18	0															0				
03 49	26.370	74.5	50.3	14	0															0	3	.010		
04 46	26.390	74.4	50.1	14	0															0				
05 45	26.410	76.9	51.2	13	0															0				
06 48	26.420	80.7	53.7	14	0															0	3	.050		
07 47	26.430	83.2	54.2	12	0															0				
08 48	26.440	85.8	56.1	13	0															0				
09 47	26.440	86.0	55.7	11	0															0	1	.020		
10 52	26.450	89.0	58.0	13	0															0				
11 51	26.450	91.1	58.1	11	0															0				
12 48	26.440	90.1	58.6	13	0															0	0	.000		
13 48	26.430	92.5	58.0	9	0															0				
14 45	26.420	91.3	58.1	10	0															0				
15 46	26.420	91.7	57.2	8	0															0	7	.040		
16 53	26.400	90.9	57.6	10	0															0				
17 51	26.400	89.4	57.7	12	0															0				
18 48	26.410	87.1	56.0	11	0															0	3	.010		
19 46	26.420	83.8	55.0	13	0															0				
20 50	26.440	80.0	53.0	13	0															0				
21 51	26.440	73.6	53.3	25	0															0	1	.030		
22 49	26.450	72.2	52.5	25	0															0				
23 52	26.460	70.3	49.0	18	0															0				

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	76	74	X	X						X		
	0345	1	0	0	0	81	74		0								
	0944	2	0	0	0	86	74		0								
	1542	3	0	0	0	93	86		0								
	2145	4	0	0	0	92	74		0								
	MID.	X	0	0	0	74	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1546	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.370	26.440	26.400	26.44
BAROGRAPH 64	26.350	26.425	26.400	26.45
BAR. CORR. 65	+.020	+.015	0	+.01

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
93	70	0	0	0	35	S	1704					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: 0910P ⊙ 3 Sec. / 1932P ⊙ 3 Sec. ± Sec.

BAROGRAPH Changed Reset To Zero 1000P

1248P/1248P

* LAST OF SEVERAL OCCURENCES

SP/0

RS/0

MF1-10B (1-82) 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: 17 JUL 1983

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 (4)	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	0048	CLR	20			026	76	32	21	15	G24	974	400	HS
SA	0148	CLR	20			025	75	32	22	17	G26	974		HS
SA	0245	CLR	20			026	75	29	23	13		974		HS
SA	0349	CLR	20			031	75	23	20	10		976	303 74 RADAT 20752	JK
SA	0446	CLR	20			038	74	22	17	07		978		JK
SA	0545	CLR	20			046	77	22	19	10		980		JK
SA	0648	CLR	20			048	81	26	25	09		981	317	JK
SA	0747	CLR	20			053	83	24	22	18		982		JK
SA	0848	CLR	20			055	86	28	19	19		983		JK
SA	0947	CLR	20			055	86	26	18	17	G28	983	107 74	JK
SA	1052	CLR	20			059	89	31	19	18	G26	984		JK
SA	1151	CLR	20			060	91	28	20	12	G29	984		JK
SA	1248	CLR	20			058	90	32	23	13		983	000 ~~AK WND 21~~	JK
SA	1348	CLR	20			052	93	26	22	20		982		JK
SA	1445	CLR	20			050	91	28	19	17	G28	981		JK
SA	1546	CLR	20			042	92	23	19	19	G29	979	714 93 RADAT 20155	CG
SA	1653	CLR	20			042	91	27	20	20	G30	979		CG
SA	1751	CLR	20			042	89	29	20	15	G26	979		CG
SA	1848	CLR	20			044	87	26	19	14		980	303	CG
SA	1946	CLR	20			048	84	27	19	12		981		CG
SA	2050	CLR	20			056	80	25	15	07		983		CG
SA	2151	CLR	20			060	74	35	03	07		983	110 93	CG
SA	2249	CLR	20			063	72	35	04	08		984		CG
SA	2352	CLR	20			066	70	25	04	06		985		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 NEVADA

DATE: 1983 JUL 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.
0052	26.460	69.4	48.2	17	0	0	Ac	140												0	1	.020			00-01
0147	26.460	66.1	47.7	23	0															0					01-02
0245	26.460	71.0	50.0	20	0															0					02-03
0349	26.480	71.0	50.0	20	0	0	Ac	160												0	3	.020			03-04
0445	26.470	68.2	47.2	17	0															0					04-05
0551	26.480	74.1	49.3	12	0															0					05-06
0650	26.500	79.0	51.7	11	0	0	Ac	160												0	3	.020			06-07
0745	26.510	81.2	52.8	11	0															0					07-08
0848	26.520	83.1	53.6	10	0															0					08-09
0950	26.510	87.2	54.2	7	0															0	1	.010			09-10
1048	26.520	89.9	56.6	9	0															0					10-11
1145	26.520	93.5	57.5	7	0															0					11-12
1245	26.510	92.0	57.0	8	0	0	Ac	180												0	0	.000			12-13
1347	26.500	92.5	57.2	8	0															0					13-14
1448	26.490	94.9	59.8	10	0															0					14-15
1547	26.470	94.0	59.7	11	0	0	Ac	140												0	7	.040			15-16
1652	26.470	92.2	59.0	11	0															0					16-17
1746	26.480	91.3	58.0	10	0															0					17-18
1848	26.490	86.6	55.4	10	0	0	Ac	140												0	3	.020			18-19
1948	26.510	81.9	54.0	13	0															0					19-20
2046	26.530	78.8	53.1	15	0															0					20-21
2149	26.530	75.7	51.1	15	0	0	Ac	140												0	1	.040			21-22
2249	26.530	71.0	49.4	18	0															0					22-23
2346	26.530	70.8	49.3	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	71	65	X	X						X		
	0345	1	0	0	0	74	65		0								
	0945	2	0	0	0	87	68		0								
	1543	3	0	0	0	96	87		0								
	2145	4	0	0	0	94	76		0								
	MID.	X	0	0	0	76	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.510	26.470	26.530
BAROGRAPH 64	26.460	26.500	26.460	26.520
BAR. CORR. 65	+.020	+.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
96	65	0	0	0	29	SW	1232					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: 1100P ±5 Sec. / 1805P ±5 Sec. / ± Sec.

RS/O

SP/O

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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 (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0052	CLR	20			067	69	23	36	05		985	107 1070	CG
SA	0147	CLR	20			067	66	27	24	04		985		CG
SA	0245	CLR	20			066	71	28	28	03		985		CG
SA	0349	CLR	20			073	71	28	36	05		988	307 1070 25 RADAT 20146	JK
SA	0445	CLR	20			072	68	21	35	03		987	AC W	JK
SA	0551	CLR	20			073	74	19	34	05		988		JK
SA	0650	CLR	20			080	79	21	21	05		990	307 1070	JK
SA	0745	CLR	20			084	81	22	22	12		991		JK
SA	0848	CLR	20			088	83	22	25	15		992		JK
SA	0950	CLR	20			085	87	16	23	20		991	103 65	JK
SA	1048	CLR	20			088	90	23	19	11		992	AC CI W	JK
SA	1145	CLR	20			088	94	21	22	20		992		JK
SA	1245	CLR	20			085	92	22	21	17		991	000 1070	JK
SA	1347	CLR	20			082	93	22	21	16		990		JK
SA	1448	CLR	20			077	95	30	22	15		989	AC W	JK
SA	1547	CLR	20			068	94	31	21	15	624	986	714 1070 96 RADAT 52140	CG
SA	1652	CLR	20			071	92	30	21	15		986		CG
SA	1746	CLR	20			072	91	28	20	15		987		CG
SA	1848	CLR	20			076	87	24	24	13		988	307 1070	CG
SA	1948	CLR	20			084	82	26	22	07		991		CG
SA	2046	CLR	20			093	79	27	20	05		993		CG
SA	2149	CLR	20			092	76	24	26	03		993	114 1070 96	CG
SA	2249	CLR	20			093	71	25	32	02		993		CG
SA	2346	CLR	20			092	71	25	11	04		993		CG

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

FM12-VII: Hiii $i_R i_x$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 NEVADA

DATE: 1983 JUL 19

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	26.520	69.5	49.4	21	0	0	Ac	140												0	8	.010			00-01
01 47	26.530	70.0	50.7	24	2															2					01-02
02 45	26.540	72.0	52.5	25	2															2					02-03
03 52	26.540	70.0	53.0	32	2	2	Ac	160												2	1	.020			03-04
04 48	26.550	78.2	53.9	18	2															2					04-05
05 47	26.570	79.1	54.9	19	1															1					05-06
06 47	26.580	81.7	55.7	17	0	0	Ac	160												0	3	.040			06-07
07 49	26.600	83.8	58.0	19	0															0					07-08
08 50	26.600	85.1	57.3	16	0															0					08-09
09 50	26.600	87.0	58.0	15	0	0	Ac	160												0	1	.020			09-10
10 49	26.600	90.0	58.8	13	0															0					10-11
11 50	26.580	92.0	60.0	13	0															0					11-12
12 46	26.570	92.8	59.7	12	0	0	Cu	90												0	8	.030			12-13
13 50	26.560	93.8	61.2	14	0															0					13-14
14 45	26.550	93.2	61.1	14	0															0					14-15
15 50	26.530	93.1	61.0	14	0															0	7	.040			15-16
16 50	26.510	92.8	60.7	14	0															0					16-17
17 46	26.500	90.8	60.6	16	0															0					17-18
18 47	26.520	88.0	58.8	15	0															0	5	.010			18-19
19 48	26.540	84.1	58.0	19	0															0					19-20
20 46	26.560	80.3	56.4	18	0															0					20-21
21 47	26.570	77.5	54.3	20	0															0	1	.050			21-22
22 46	26.580	74.9	52.0	18	0															0					22-23
23 49	26.580	71.7	52.0	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	72	69	X	X						X		
	0343	1	0	0	0	76	69		0								
	0944	2	0	0	0	87	69		0								
	1545	3	0	0	0	94	87		0								
	2144	4	0	0	0	93	78		0								
	MID.	X	0	0	0	78	72	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0945	1550	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.600	26.530	26.570
BAROGRAPH 64	26.530	26.590	26.520	26.550
BAR. CORR. 65	+.010	+.010	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	69	0	0	0	33	S	1313					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: 0810 P ⊘5 Sec./ 2003P ⊘X Sec./ ± Sec.

RS/0

SP/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 19

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	0047	CLR	20			088	70	28	04	02		992	803 1070	CG
SA	0147	140 SCT	20			092	70	32	05	02		993		CG
SA	0245	140 SCT	20			094	72	35	19	03		994		CG
SA	0352	160 SCT	20			096	70	39	36	03		994	107 1070 69 RADAT G2138	JK
SA	0448	160 SCT	20			096	78	31	15	08		996		JK
SA	0547	160 SCT	20			103	79	33	20	14		998		JK
SA	0647	CLR	20			108	82	33	20	12		999	314 1070	JK
SA	0749	CLR	20			118	84	38	20	10		001		JK
SA	0850	CLR	20			119	85	34	22	12		001		JK
SA	0950	CLR	20			119	87	34	20	18		001	107 1070 69	JK
SA	1049	CLR	20			120	90	33	23	10	G24	001	Cu SE	JK
SA	1150	CLR	20			112	92	35	23	18		999		JK
SA	1246	CLR	20			108	93	33	21	14		998	810 1100	JK
SA	1350	CLR	20			104	94	37	20	15	G29	997	Cu E	JK
SA	1445	CLR	20			099	93	37	21	12	G28	996	Cu E	JK
SA	1550	CLR	20			092	93	37	22	18	G29	993	714 94 RADAT 20156	CG
SA	1650	CLR	20			081	93	36	22	18	G28	991		CG
SA	1746	CLR	20			077	91	38	21	15	G24	990		CG
SA	1847	CLR	20			084	88	35	24	15		992	503	CG
SA	1948	CLR	20			094	84	37	23	06		994		CG
SA	2046	CLR	20			103	80	33	21	03		996		CG
SA	2147	CLR	20			106	78	33	21	07		997	117 94	CG
SA	2246	CLR	20			110	75	29	03	03		998		CG
SA	2349	CLR	20			111	72	34	32	04		998		CG

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

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

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 NEVADA

DATE: 1983 JUL 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 47	26.580	70.9	52.0	26	0															0	1	.010			00-01
01 48	26.580	75.2	53.4	22	0															0					01-02
02 51	26.570	71.6	51.4	23	0															0					02-03
03 45	26.585	69.3	50.6	25	0															0	3	.005			03-04
04 46	26.605	68.3	50.3	27	0															0					04-05
05 45	26.620	75.2	54.0	24	0															0					05-06
06 47	26.650	77.5	55.1	22	0	0	Sc	90												0	3	.065			06-07
07 45	26.660	79.8	55.6	20	0															0					07-08
08 48	26.665	81.6	56.6	19	0															0					08-09
09 48	26.660	84.2	57.0	17	0															0	0	.010			09-10
10 53	26.650	84.7	56.7	15	0															0					10-11
11 48	26.640	90.6	58.0	11	0															0					11-12
12 50	26.630	93.3	58.5	9	0	0	Cu	90												0	7	.030			12-13
13 48	26.610	95.0	59.2	9	0															0					13-14
14 50	26.590	95.1	58.8	8	0															0					14-15
15 48	26.590	94.6	59.7	10	0	0	Cu	90												0	6	.040			15-16
16 53	26.580	94.3	59.0	9	0															0					16-17
17 48	26.580	92.0	58.4	10	0															0					17-18
18 47	26.580	89.2	55.0	7	0	0	Cu	90												0	6	.010			18-19
19 48	26.610	81.1	52.0	9	0															0					19-20
20 50	26.620	80.0	53.5	14	0															0					20-21
21 47	26.620	76.7	52.0	15	0															0	1	.040			21-22
22 52	26.630	76.0	52.6	18	0															0					22-23
23 47	26.630	73.0	51.0	19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	75	69	X	X						X		
	0341	1	0	0	0	78	69		0								
	0944	2	0	0	0	84	68		0								
	1544	3	0	0	0	96	84		0								
	2144	4	0	0	0	95	75		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.660	26.590	26.620
BAROGRAPH 64	26.570	26.650	26.580	26.616
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 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
96	68	0	0	0	28	SW	1525					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: 0550P ±5 Sec./ 1838P ±5 Sec./ ± Sec.

18/0

18/0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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 (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			111	71	35	27	04		998	103	CG
SA	0148	CLR	20			108	75	34	20	08		998		CG
SA	0251	CLR	20			106	72	32	24	03		997		CG
SA	0345	CLR	20			114	69	32	35	08		999	302 69 RADAT 20154	KB
SA	0446	CLR	20			121	68	33	07	04		002		KB
SA	0545	CLR	20			125	75	35	26	05		003		KB
SA	0647	CLR	20			136	78	36	25	11		006	322 1500	KB
SA	0745	CLR	20			141	80	35	24	11		007		KB
SA	0848	CLR	20			144	82	36	22	08		008		KB
SA	0948	CLR	20			142	84	34	23	06		007	003 68	KB
SA	1053	CLR	20			140	85	32	27	11		006		KB
SA	1148	CLR	20			135	91	29	23	13		005		KB
SA	1250	CLR	20			130	93	27	25	09		004	CU DSNT SE/ 710 1100	KB
SA	1348	CLR	20			119	95	27	23	10		002		KB
SA	1450	CLR	20			114	95	25	23	15	G24	999		KB
SA	1548	CLR	20			114	95	30	25	16	G26	999	614 1100 96 RADAT 20153	CG
SA	1653	CLR	20			111	94	27	24	15		998		CG
SA	1748	CLR	20			109	92	28	24	14		998		CG
SA	1847	CLR	20			109	89	16	24	08		998	603 1100	CG
SA	1948	CLR	20			124	81	17	03	03		002		CG
SA	2050	CLR	20			127	80	27	14	03		003		CG
SA	2147	CLR	20			127	77	26	04	07		003	114 96	CG
SA	2252	CLR	20			131	76	29	02	05		004		CG
SA	2347	CLR	20			130	73	28	09	03		004		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 NEVADA

DATE: 1983 JUL 21

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	26.640	69.3	49.0	20	0															0	2	.020			00-01
01 47	26.630	67.0	48.0	22	0															0					01-02
02 49	26.620	70.9	49.0	17	1															1					02-03
03 48	26.640	68.0	48.3	21	4	4	AC	130												4	5	.000			03-04
04 47	26.650	68.3	48.0	19	4															4					04-05
05 48	26.660	69.2	47.9	15	3															3					05-06
06 51	26.680	71.6	49.0	16	3	3	AC	120												3	3	.040			06-07
07 51	26.680	80.3	53.3	13	3															3					07-08
08 48	26.670	85.0	56.0	13	6															6					08-09
09 49	26.670	90.0	60.3	16	7	2	CU	90	5	AC	E120	7								7	6	.010			09-10
10 52	26.650	92.3	62.1	17	4															4					10-11
11 51	26.630	93.9	64.9	21	4															4					11-12
12 50	26.615	94.6	65.6	21	3	3	CB	90												3	7	.055			12-13
13 47	26.590	94.8	64.2	18	7															7					13-14
14 50	26.580	84.8	68.8	46	9															9					14-15
15 50	26.590	87.1	65.5	32	5	4	CB	90	1	CI	250	5								5	5	.025			15-16
16 49	26.590	87.2	63.1	26	9															5					16-17
17 48	26.585	87.5	62.3	24	9															5					17-18
18 48	26.585	85.9	61.7	25	10	1	AC	130	9	CI	250	10								4	6	.005			18-19
19 47	26.610	83.8	61.0	27	10															3					19-20
20 48	26.630	81.2	60.5	30	10															6					20-21
21 50	26.630	77.4	59.7	36	10	1	AC	120	3	AC	180	4	6	CI	E250	10				6	1	.045			21-22
22 45	26.640	77.4	60.6	39	10															2					22-23
23 48	26.630	73.8	58.5	41	1															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	73	66	X	X						X		
	0344	1	0	0	0	77	66		0								
	0945	2	0	0	0	90	68		0								
	1544	3	T	0	0	97	83		0								
	2144	4	0	0	0	89	77		0								
	MID.	X	0	0	0	77	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.670	26.580	26.630
BAROGRAPH 64	26.625	26.660	26.600	26.640
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
97	66	T	0	0	43	E	1516					6	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1425	1502			
RW-	1433	1501			

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: 0624P ±5 Sec./ 1638P ±4 Sec./ ± Sec.

0045/0147

0249/0248

BAROGRAPH CHART CHANGED 1255P

1649/1649

SP-2

RS-0

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 1983 JUL 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)	OBSERVERS INITIALS (15)
SA	0045	CLR	20		133	137	69	27	03	02		005	207	CG
SA	0147	CLR	20			131	67	27	04	02		004		CG
SA	0249	≠ 140 SCT	20			125	71	24	14	05		003		CG
SA	0348	130 SCT	20			134	68	26	22	02		005	500 1050 66 RADAT 67137	[illegible]
SA	0447	120 SCT	20			138	68	25	10	07		006		[illegible]
SA	0548	120 SCT	20			142	69	19	12	05		007		[illegible]
SA	0651	120 SCT	20			150	72	23	09	02		009	314 1080	[illegible]
SA	0751	120 SCT	20			150	80	26	14	03		009		[illegible]
SA	0848	E 120 BKN	20			144	85	29	23	04		008		[illegible]
SA	0949	90 SCT E120 BKN	20			144	90	38	24	07		008	603 1280 66	[illegible]
SA	1052	90 SCT 120 SCT	20			136	92	41	20	11		006	CB DSNT E AND SE	[illegible]
SA	1151	90 SCT 120 SCT	20			128	94	47	16	07		004	CB NE-SE	[illegible]
SA	1250	90 SCT	20			124	95	49	24	11		003	CB NE-SE/719 1900	[illegible]
SA	1347	E90 BKN	20			116	95	45	22	07		999	CB NE-SE	[illegible]
SP	1428	E90 BKN	20		T				10	16	G27	999	T OVHD B25 MOVG N	[illegible]
SA	1450	E90 BKN	20		TRW-	114	85	62	10	24	G34	998	TE MOVG N B25 RB33	[illegible]
SP	1505	E90 BKN	20						10	30	G42	998	TE02 MOVD N CB NE-S	[illegible]
SA	1550	90 SCT 250 SCT	20			118	87	54	10	31	G40	999	TE02 MOVD N RE01 CB NE-SE MOVG N PK WND 0943/16 50800 1901 97 RADAT 67145	MR
SA	1649	90 SCT 130 SCT E250 BKN	20			118	87	48	11	19	G28	999	CB ~~NE-SE~~ NE MOVG N	MR
SA	1748	90 SCT 130 SCT E250 BKN	20			116	88	46	10	18	G24	999	TCU SE	MR
SA	1848	130 SCT 250-OVC	20			116	86	46	09	13	G21	999	602 1061	MR
SA	1947	130 SCT 250-OVC	20			122	84	46	09	05		002		MR
SA	2048	120 SCT 180 SCT E250 OVC	20			128	81	47	27	07		004		MR
SA	2150	120 SCT 180 SCT E250 OVC	20			128	77	48	30	06		004	115 1071 97	MR
SA	2245	180 SCT 250-OVC	20			130	77	50	08	04		005		MR
SA	2348	180 SCT 250 SCT	20			128	74	48	10	04		004		MR

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: 22 JUL 1983

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	73.1	59.8	47	0	0	Ac	120												0	0	.000			00-01
01 50	26.625	71.9	58.0	44	3															3					01-02
02 50	26.620	73.3	59.3	45	4															4					02-03
03 50	26.620	71.1	58.0	46	6	6	Ac	E40												6	6	.010			03-04
04 52	26.635	70.3	58.6	51	3															3					04-05
05 47	26.650	71.3	58.7	48	7															7					05-06
06 45	26.650	74.1	59.5	43	6	6	Ac	E40												6	1	.030			06-07
07 45	26.660	78.0	62.0	42	1															1					07-08
08 47	26.650	82.9	63.3	34	0															0					08-09
09 45	26.645	86.2	63.5	29	1	1	Cu	90	0	Ac	140	1								1	8	.005			09-10
10 45	26.630	89.2	63.8	25	2															2					10-11
11 47	26.610	92.0	63.1	19	3															3					11-12
12 47	26.595	92.2	63.1	19	2	2	Cu	90												2	7	.050			12-13
13 48	26.580	95.0	62.2	14	2															2					13-14
14 50	26.560	94.7	61.5	13	0															0					14-15
15 49	26.540	94.5	61.9	14	0	0	Cu	90												0	7	.055			15-16
16 46	26.540	92.2	61.6	16	0															0					16-17
17 45	26.545	91.9	61.3	16	0															0					17-18
18 48	26.550	89.1	58.9	14	0	0	Cu	90												0	3	.010			18-19
19 48	26.565	86.9	56.8	12	0															0					19-20
20 47	26.580	83.8	56.6	16	0															0					20-21
21 48	26.590	76.0	53.1	19	0															0	1	.040			21-22
22 45	26.590	79.9	54.2	16	0															0					22-23
23 52	26.600	75.6	50.4	13	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	74	70	X	X						X		
	0345	1	0	0	0	77	70		0								
	0941	2	0	0	0	86	69		0								
	1544	3	0	0	0	96	86		0								
	2142	4	0	0	0	95	76		0								
	MID.	X	0	0	0	80	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0945	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.645	26.540	26.590
BAROGRAPH 64	26.630	26.645	26.535	26.585
BAR. CORR. 65	-.010	0	-.005	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	69	0	0	0	31	5	1341					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: 0605P ±4 Sec./ 1648P 04 Sec./ ± Sec.

SP-0

RS-0

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: 22 JUL 1983

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	0048	CLR	20			128	73	52	09	05		004	000 1070	MR
SA	0150	140 SCT	20			126	72	49	01	03		003		MR
SA	0250	130 SCT	20			130	73	50	09	06		003		MR
SA	0350	E 140 BKN	20			129	71	49	07	05		003	603 1070 70 RADAT 85138	MR
SA	0452	140 SCT	20			135	70	51	09	08		005		MR
SA	0547	E 140 BKN	20			140	71	51	35	05		006		MR
SA	0645	E 140 BKN	20			140	74	50	20	03		006	110 1080	MR
SA	0745	140 SCT	20			142	78	53	05	04		007		MR
SA	0847	CLR	20			137	83	52	33	03		006	FEW CU AC	MR
SA	0945	90 SCT 140 SCT	20			135	86	50	24	09		006	TCU SE / 802 1280 69	MR
SA	1045	90 SCT 140 SCT	20			129	89	48	23	10		004	TCU N E AND SE	MR
SA	1147	90 SCT	20			121	92	44	23	11		002	FEW TCU	MR
SA	1247	90 SCT	20			115	92	44	23	12		000	717 1200	MR
SA	1348	90 SCT	20			110	95	39	24	17	G31	998		MR
SA	1450	CLR	20			101	95	37	25	17	G25	996	TCU NE AND SE	MR
SA	1549	CLR	20			095	95	38	21	16	G21	994	TCU E-SE 719 1200 96 RADAT 22152	MR
SA	1646	CLR	20			096	92	40	19	12	G22	994	TCU E-SE	MR
SA	1745	CLR	20			097	92	39	22	14	G20	995	TCU E	MR
SA	1848	CLR	20			099	89	34	20	11		995	303 1200	MR
SA	1948	CLR	20			104	87	29	20	11		997		MR
SA	2047	CLR	20			109	84	33	20	07		998		MR
SA	2148	CLR	20			115	76	31	36	05		999	114 96	MR
SA	2245	CLR	20			112	80	30	02	04		999		MR
SA	2352	CLR	20			117	76	21	01	05		001		MR

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: 23 JUL 1983

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	26.605	74.4	49.3	12	0															0	3	.015			00-01
01 48	26.600	71.5	48.0	13	0															0					01-02
02 50	26.600	69.5	47.4	15	0															0					02-03
03 50	26.615	68.3	46.7	15	0	0	AC	120												0	3	.010			03-04
04 52	26.625	66.8	46.6	18	0															0					04-05
05 48	26.635	73.7	50.5	16	0															0					05-06
06 46	26.650	80.9	54.4	15	0															0	2	.035			06-07
07 50	26.655	83.1	56.4	17	0															0					07-08
08 46	26.650	88.6	60.0	17	0															0					08-09
09 48	26.645	89.0	59.5	16	0															0	8	.005			09-10
10 53	26.640	92.2	63.0	19	0															0					10-11
11 45	26.620	92.7	62.0	16	0															0					11-12
12 46	26.610	94.5	61.1	13	0	0	CU	90												0	8	.035			12-13
13 50	26.590	95.6	61.5	12	0															0					13-14
14 50	26.580	95.8	61.0	11	0															0					14-15
15 48	26.565	95.0	59.6	10	0															0	6	.045			15-16
16 48	26.560	94.6	58.5	8	0															0					16-17
17 49	26.560	92.6	57.5	8	0															0					17-18
18 48	26.565	89.3	56.0	8	0															0	5	.000			18-19
19 47	26.570	86.0	54.5	9	0															0					19-20
20 48	26.585	85.9	54.5	9	0															0					20-21
21 49	26.585	82.4	53.1	10	0															0	1	.020			21-22
22 47	26.590	81.2	53.0	11	0															0					22-23
23 50	26.595	77.6	51.6	13	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	76	67	X	X						X		
	0345	1	0	0	0	80	67		0								
	0944	2	0	0	0	90	66		0								
	1543	3	0	0	0	97	89		0								
	2144	4	0	0	0	96	82		0								
	MID.	X	0	0	0	82	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1547	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.615	26.645	26.565	26.585
BAROGRAPH 64	26.610	26.645	26.580	26.585
BAR. CORR. 65	+005	0	-015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
97	66	0	0	0	30	S	1215					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: 0620P ±4 Sec./ 1732P ±4 Sec./ ± Sec.

SP-0
RS-0

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: 23 JUL 1983

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	CLR	20			119	74	18	03	07		001	305	MR
SA	0148	CLR	20			117	72	18	03	05		001		MR
SA	0250	CLR	20			119	70	19	04	05		001	Ac SE	MR
SA	0350	CLR	20			124	68	19	08	05		003	303 1070 67 RADAT 20143	MR
SA	0452	CLR	20			130	67	22	11	05		004		MR
SA	0548	CLR	20			130	74	25	03	09		005		MR
SA	0646	CLR	20			134	81	29	18	03		006	212	MR
SA	0750	CLR	20			136	83	33	32	04		007		MR
SA	0846	CLR	20			134	89	39	23	14		006		MR
SA	0948	CLR	20			134	89	37	24	17	G34	006	802 66	MR
SA	1053	CLR	20			130	92	44	23	18	G26	005		MR
SA	1145	CLR	20			125	93	40	21	17	G23	003		MR
SA	1246	CLR	20			120	95	35	21	13	G22	002	812 1100	MR
SA	1350	CLR	20			113	96	35	21	15	G26	999		MR
SA	1450	CLR	20			110	96	33	19	16	G24	998		MR
SA	1548	CLR	20			105	95	29	21	09	G22	997	615 97 RADAT 20154	MR
SA	1648	CLR	20			105	95	24	21	15	G24	996		MR
SA	1749	CLR	20			102	93	23	20	12		996		MR
SA	1848	CLR	20			102	89	22	20	10		997	500	MR
SA	1947	CLR	20			105	86	20	20	08		997		MR
SA	2046	CLR	20			106	86	21	19	10		999		MR
SA	2149	CLR	20			110	82	21	12	06		999	107 97	MR
SA	2247	CLR	20			110	81	23	10	06		999		MR
SA	2350	CLR	20			113	78	23	11	03		000		MR

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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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: 24 JUL 1983

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	26.595	71.7	48.9	15	0															0	1	.010			00-01
01 48	26.590	71.7	49.2	16	0															0					01-02
02 53	26.600	67.7	47.2	18	0															0					02-03
03 52	26.600	74.3	51.9	19	0															0	3	.005			03-04
04 49	26.610	74.2	52.0	20	0															0					04-05
05 53	26.620	79.4	53.6	15	0															0					05-06
06 54	26.620	83.3	55.3	14	0	0	Ac	160												0	1	.020			06-07
07 54	26.630	85.4	56.7	14	0															0					07-08
08 48	26.630	85.2	57.1	15	0															0					08-09
09 51	26.630	89.5	59.0	14	0	0	Ac	160												0	1	.010			09-10
10 54	26.610	91.7	61.1	16	0															0					10-11
11 47	26.580	94.6	62.3	15	0															0					11-12
12 54	26.560	94.7	62.7	15	0	0	Ac	160												0	8	.020			12-13
13 53	26.550	95.3	63.0	15	0															0					13-14
14 50	26.520	96.6	64.7	17	0															0					14-15
15 47	26.510	95.4	62.8	15	0	0	Cu	80	0	Ci	250	0								0	7	.050			15-16
16 48	26.500	95.2	61.2	12	0															0					16-17
17 45	26.490	93.3	60.8	13	0															0					17-18
18 51	26.500	90.4	59.7	14	0	0	Cb	80	0	Ci	250	0								0	5	.010			18-19
19 46	26.495	86.5	58.3	16	0															0					19-20
20 48	26.510	83.2	57.2	19	0															0					20-21
21 49	26.530	80.6	56.1	20	2	2	Ci	250												2	2	.030			21-22
22 45	26.540	78.3	54.0	18	4															3					22-23
23 50	26.530	78.7	53.8	17	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 0348	X	0	0	X	78	67	X	X						X		
	0348	1	0	0	0	82	67		0								
	0947	2	0	0	0	90	74		0								
	1545	3	0	0	0	98	90		0								
	2146	4	0	0	0	96	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.510	26.530
BAROGRAPH 64	26.600	26.630	26.520	26.530
BAR. CORR. 65	±0	±0	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	67	0	0	0	37	S	1334					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: 0730P ±4 Sec./ 1950P ±4 Sec./ ± Sec.

2149P/2149P

SP-0

RS-0

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: 24 JUL 1983

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	0051	CLR	20			116	72	22	35	02		000	103	MR
SA	0148	CLR	20			113	72	23	08	04		999		MR
SA	0253	CLR	20			118	68	22	03	02		001		MR
SA	0352	CLR	20			116	74	30	12	04		001	302 67 RADAT 20167	JC
SA	0449	CLR	20			119	74	30	24	09		002	FEW AC SE	JC
SA	0553	CLR	20			122	79	28	23	12		003	FEW AC SE	JC
SA	0654	CLR	20			121	83	29	22	14		003	107 1070	JC
SA	0754	CLR	20			126	85	31	23	16		004	FEW AC SE	JC
SA	0848	CLR	20			126	86	32	23	12		004	FEW AC SE	JC
SA	0951	CLR	20			126	90	34	23	10G18		004	103 1070 74	JC
SA	1054	CLR	20			118	92	39	22	19G30		002	FEW AC SE	JC
SA	1147	CLR	20			111	95	39	22	14G24		000	FEW AC SE	JC
SA	1254	CLR	20			102	95	41	18	20G28		997	824 1070	JC
SA	1353	CLR	20			098	95	41	19	15G24		996	FEW CU AND AC SE	JC
/													PK WND 1937/34	/
SA	1450	CLR	20			088	97	45	20	17G27		992	FEW CU AC AND CI SE	JC
SA	1547	CLR	20			080	95	40	21	20G30		991	717 1101 98 RADAT 20165	CRD
SA	1648	CLR	20			079	95	35	23	17G24		990	CB SE CI S	CRD
SA	1745	CLR	20			072	93	36	21	13G22		988	FEW CU CI	CRD
SA	1851	CLR	20			076	90	36	19	12		990	CB SE / SO3 1901	CRD
SA	1946	CLR	20			075	87	36	14	06		989	CB SE CI N-SE	CRD
SA	2046	CLR	20			082	83	36	23	06		991	CI N-SE	CRD
SA	2149	~~CLR~~ 250 SCT	20			088	81	36	20	05		993	210 1001 98	CRD
SA	2245	250 SCT	20			092	78	31	24	03		994		CRD
SA	2350	250 SCT	20			087	79	30	20	12		993		CRD

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: 25 JUL 1983

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	26.530	78.0	52.0	13	6	6	Cs	250												3	0	.000			00-01
01 49	26.535	78.6	52.2	15	7															3					01-02
02 52	26.540	76.8	52.2	16	5															2					02-03
03 53	26.550	76.7	52.0	15	3	3	Cs	250												1	3	.020			03-04
04 48	26.560	74.3	51.6	18	1															0					04-05
05 53	26.570	78.0	52.1	14	2															0					05-06
06 52	26.580	84.4	54.3	10	2	2	Ci	250												0	2	.030			06-07
07 54	26.580	85.8	54.4	9	2															0					07-08
08 52	26.580	85.7	53.8	8	1															0					08-09
09 51	26.580	87.8	54.8	8	0	0	Cu	70	0	Ci	250	0								0	4	.000			09-10
10 54	26.570	90.7	56.6	8	0															0					10-11
11 49	26.560	91.7	56.4	7	1															0					11-12
12 54	26.540	93.2	58.0	8	1	0	Cu	70	1	Ci	250	1								0	8	.040			12-13
13 51	26.530	93.9	57.5	7	1															0					13-14
14 50	26.520	94.0	57.2	6	0															0					14-15
15 52	26.510	93.7	56.0	5	0	0	Ci	250												0	7	.030			15-16
16 52	26.510	91.2	54.1	3	0															0					16-17
17 50	26.510	90.4	53.3	3	0															0					17-18
18 49	26.510	86.5	51.8	3	0															0	4	.000			18-19
19 47	26.525	83.2	50.2	3	0															0					19-20
20 50	26.540	81.0	50.2	5	0															0					20-21
21 49	26.540	71.6	46.0	7	0															0	1	.030			21-22
22 45	26.550	68.4	44.5	8	0															0					22-23
23 53	26.545	70.3	47.0	12	0																				23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	79	76	X	X						X		
	0348	1	0	0	0	81	76		0								
	0947	2	0	0	0	88	74		0								
	1547	3	0	0	0	96	88		0								
	2146	4	0	0	0	94	71		0								
	MID.	X	0	0	0	72	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.530	26.510	26.540
BAROGRAPH 64	26.560	26.580	26.510	26.540
BAR. CORR. 65	±0	±0	0*	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
96	68	0	0	0	33	SW	1238					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: 0743P ±4 Sec./ 21 SEP ±4 Sec./ ± Sec.

* BAROGRAPH CHART CHANGED "0" CAL.

SP-0
RS-0

MF1-10B (1-82) 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: 25 JUL 1983

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	250-BKN	20			087	78	24	25	13		993	000 1006	CRD
SA	0149	250-BKN	20			088	79	27	24	16		994		CRD
SA	0252	250-SCT	20			091	77	27	22	16G23		994		CRD
SA	0353	250-SCT	20			096	77	26	20	10		996	307 1008 76 RAHAT	JC
/													20157	/
SA	0448	250-SCT	20			100	74	29	16	09		997		JC
SA	0553	250-SCT	20			104	78	24	16	10		998		JC
SA	0652	250-SCT	20			105	84	22	18	13		999	210 1001	JC
SA	0754	250-SCT	20			107	86	20	25	12		999		JC
SA	0852	250-SCT	20			108	86	17	24	17G24		999		JC
SA	0951	CLR	20			108	88	18	22	15G26		999	400 1101 74	JC
SA	1054	CLR	20			105	91	22	22	17G25		998	FEW CU SLF CINE-SE	JC
SA	1149	250-SCT	20			100	92	19	21	17G26		997	FEW CU E	JC
SA	1254	250-SCT	20			092	93	24	22	19G29		994	814 1101	JC
SA	1351	250-SCT	20			087	94	21	21	17G26		993		JC
SA	1450	CLR	20			085	94	18	19	12G22		992	FEW CU E	JC
SA	1552	CLR	20			082	94	11	20	15G25		991	710 1001 96 RAHAT 20158	CRD
SA	1652	CLR	20			083	91	2	19	17G24		991		CRD
SA	1750	CLR	20			082	90	-4	22	16		991		CRD
SA	1849	CLR	20			081	87	-3	19	15		991	400	CRD
SA	1947	CLR	20			088	83	-6	17	06		993		CRD
SA	2050	CLR	20			094	81	5	20	09		994		CRD
SA	2149	CLR	20			098	72	5	34	06		994	110 96	CRD
SA	2246	CLR	20			102	68	4	34	05		995		CRD
SA	2353	CLR	20			098	70	15	27	12		995		CRD

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: NAMO, DESERT ROCK, NV

DATE: 26 JUL 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.540	74.4	48.7	10	0															0	4	.000			00-01
01 52	26.550	68.8	44.8	8	0															0					01-02
02 50	26.550	68.0	44.9	10	0															0					02-03
03 51	26.550	72.8	49.3	14	0															0	1	.010			03-04
04 53	26.560	72.9	49.0	13	0															0					04-05
05 52	26.570	72.4	49.6	16	0															0					05-06
06 51	26.570	77.8	52.8	16	0															0	1	.020			06-07
07 54	26.570	84.3	53.0	8	0															0					07-08
08 53	26.580	86.8	53.8	7	0															0					08-09
09 51	26.570	86.3	53.9	7	0	0	Ci	250												0	0	.000			09-10
10 54	26.570	89.6	54.0	4	0															0					10-11
11 52	26.570	90.0	54.7	5	0															0					11-12
12 53	26.550	92.8	55.2	4	0	0	Cu	70	0	Ci	250	0								0	8	.020			12-13
13 46	26.540	90.9	54.1	4	1															1					13-14
14 50	26.530	91.8	54.9	4	1															1					14-15
15 46	26.510	92.3	54.8	4	2	0	Cu	70	0	Ac	120	0	2	Cs	250	2				2	7	.040			15-16
16 51	26.495	90.4	54.0	4	2															2					16-17
17 53	26.485	87.0	53.1	5	4															3					17-18
18 50	26.485	85.2	52.2	5	4	4	Cs	250												3	6	.025			18-19
19 52	26.495	82.6	51.0	5	3															3					19-20
20 47	26.505	82.7	51.7	7	3															3					20-21
21 48	26.510	82.1	51.6	7	0	0	Ac	160												0	2	.025			21-22
22 50	26.530	76.8	48.5	6	0															0					22-23
23 51	26.530	74.1	48.8	11	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		75	68										
	0347	1	0	0	0	75	68		0								
	0947	2	0	0	0	87	71		0								
	1544	3	0	0	0	94	86		0								
	2146	4	0	0	0	92	82		0								
	MID.		0	0	0	82	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.510	26.510
BAROGRAPH 64	26.530	26.570	26.510	26.500
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
94	68	0	0	0	33	S	1023					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: 0942P ±5 Sec./ 2050P ±5 Sec./ ± Sec.

SP-0
RS-0

MF1-10B (1-82) SUPERSEDES MF1-10B (2-78) 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: 26 JUL 1983

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	0053	CLR	20			094	74	15	27	12		994	400	CRD
SA	0152	CLR	20			098	69	5	06	03		995		CRD
SA	0250	CLR	20			101	68	9	03	07		995		CRD
SA	0357	CLR	20			099	73	21	27	06		996	103 68 RADAT 20153	JC
SA	0453	CLR	20			103	73	20	22	10		997		JC
SA	0552	CLR	20			106	72	24	07	05		998		JC
SA	0651	CLR	20			107	78	28	25	07		998	107	JC
SA	0754	CLR	20			105	84	16	18	11		998		JC
SA	0853	CLR	20			109	87	14	18	10	G19	999		JC
SA	0951	CLR	20			110	86	16	19	11	G19	998	000 1001 68	JC
SA	1054	CLR	20			110	90	7	19	17	G27	998	FEW Ci W-NW	JC
SA	1152	CLR	20			109	90	11	20	16	G27	998	FEW Ci SW-NW	JC
SA	1253	CLR	20			097	93	7	20	12	G24	996	807 1101	JC
SA	1346	250 SCT	20			098	91	3	19	16	G21	994	FEW Cu SE	JC
SA	1450	250 SCT	20			094	92	7	20	15	G24	993	FEW Cu AND Acsl SE	JC
SA	1546	250 SCT	20			083	92	5	26	17	G24	991	714 1148 94 RADAT 20153	CRD
SA	1651	250 SCT	20			077	90	4	22	13		989		CRD
SA	1753	250 SCT	20			076	87	8	21	14		988		CRD
SA	1850	250 SCT	20			075	85	7	23	14		988	608 1008	CRD
SA	1952	250 SCT	20			077	83	6	22	10		989		CRD
SA	2047	250 SCT	20			078	83	11	21	11		991		CRD
SA	2148	CLR	20			082	82	12	26	07		991	208 1070 94	CRD
SA	2250	CLR	20			091	77	6	23	07		993		CRD
SA	2351	CLR	20			091	74	16	26	08		993		CRD

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$_1$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: 27 JUL 1983

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.540	69.3	45.0	8	0															0	3	.030			00-01
01 49	26.540	67.7	45.8	13	0															0					01-02
02 50	26.550	66.8	45.0	12	0															0					02-03
03 53	26.550	67.7	46.7	16	0															0	2	.010			03-04
04 51	26.570	68.8	47.9	18	0															0					04-05
05 53	26.580	68.3	48.3	20	0															0					05-06
06 48	26.590	74.2	52.0	20	0															0	1	.040			06-07
07 47	26.600	80.2	52.7	12	0															0					07-08
08 49	26.610	80.7	53.8	14	0															0					08-09
09 51	26.610	85.2	55.0	11	0															0	1	.020			09-10
10 48	26.600	88.4	56.3	10	0															0					10-11
11 53	26.580	89.7	56.0	8	0															0					11-12
12 52	26.570	92.1	56.7	7	0															0	2	.040			12-13
13 51	26.560	93.0	56.9	7	0															0					13-14
14 50	26.550	92.4	56.7	7	0															0					14-15
15 49	26.540	92.4	57.0	7	0															0	2	.030			15-16
16 48	26.530	92.0	57.0	8	0															0					16-17
17 48	26.530	90.2	57.1	10	0															0					17-18
18 46	26.540	87.0	55.9	11	0															0	5	.000			18-19
19 48	26.560	80.6	55.2	17	0															0					19-20
20 49	26.580	80.0	53.7	15	0															0					20-21
21 54	26.590	75.0	51.4	17	0															0	2	.050			21-22
22 49	26.590	74.6	51.1	16	0															0					22-23
23 48	26.600	73.3	51.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347		0	0		74	66										
	0347	1	0	0	0	82	66		0								
	0948	2	0	0	0	85	67		0								
	1545	3	0	0	0	95	85		0								
	2150	4	0	0	0	94	74		0								
	MID.		0	0	0	76	72										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1548	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.610	26.540	26.590
BAROGRAPH 64	26.530	26.590	26.530	26.570
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 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
95	66	0	0	0	33	SW	1246					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: 0738P ±5 Sec./ 1450P ±5 Sec./ ± Sec.

SP/O
FS/O

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: 27 JUL 1983

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	CLR	20			096	69	5	02	08		994	310	CRD
SA	0149	CLR	20			099	68	15	36	10		994		CRD
SA	0250	CLR	20			102	67	13	04	08		995		CRD
SA	0353	CLR	20			102	68	20	02	07		996	203 66 RADAT 40141	JC
SA	0451	CLR	20			109	69	23	02	07		998		JC
SA	0553	CLR	20			113	68	26	02	04		999		JC
SA	0648	CLR	20			115	74	30	19	02		000	114	JC
SA	0747	CLR	20			118	80	23	29	07		001		JC
SA	0849	CLR	20			122	81	27	28	07		002		JC
SA	0951	CLR	20			120	85	25	25	06		002	107 66	JC
SA	1048	CLR	20			117	88	25	21	12	621	001		JC
SA	1153	CLR	20			111	90	21	24	16	625	999		JC
SA	1252	CLR	20			108	92	20	21	20	633	998	714	JC
SA	1351	CLR	20			104	93	19	20	16	624	997		JC
SA	1450	CLR	20			101	92	19	19	13	620	996		JC
SA	1549	CLR	20			097	92	21	19	12	624	994	710 95 RADAT 20161	HS
SA	1648	CLR	20			094	92	21	22	10	621	993		HS
SA	1748	CLR	20			094	90	25	22	15		993		HS
SA	1846	CLR	20			096	87	25	22	10		994	500	HS
SA	1948	CLR	20			105	81	32	20	08		997		HS
SA	2049	CLR	20			111	80	28	22	06		999		HS
SA	2154	CLR	20			116	75	27	36	06		000	217 95	HS
SA	2249	CLR	20			114	75	26	03	08		000		HS
SA	2348	CLR	20			118	73	28	05	05		001		HS

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

STATION: WSMO, DESERT ROCK, NV

DATE: 28 JUL 1983

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

SURFACE WEATHER OBSERVATIONS

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.610	70.2	49.2	19	0															0	3	.020			00-01
01 47	26.610	68.0	48.6	22	0															0					01-02
02 47	26.630	64.8	47.6	26	0															0					02-03
03 49	26.635	63.0	45.4	22	0															0	3	.025			03-04
04 48	26.650	62.0	46.0	27	0															0					04-05
05 49	26.650	66.4	47.9	23	0															0					05-06
06 51	26.680	93.7	51.3	19	0															0	3	.045			06-07
07 47	26.700	80.4	54.0	15	0															0					07-08
08 47	26.700	82.6	54.9	14	0															0					08-09
09 46	26.690	88.0	57.0	12	0															0	0	.010			09-10
10 46	26.680	89.8	58.0	12	0															0					10-11
11 47	26.675	93.7	59.5	11	0															0					11-12
12 49	26.665	93.5	59.0	10	0															0	7	.025			12-13
13 47	26.660	95.1	59.6	9	0															0					13-14
14 50	26.640	95.8	60.1	10	0															0					14-15
15 49	26.620	94.0	59.2	10	0															0	7	.045			15-16
16 48	26.610	94.0	58.7	9	0															0					16-17
17 49	26.610	92.1	58.0	9	0															0					17-18
18 47	26.610	88.7	57.1	11	0															0	6	.010			18-19
19 47	26.630	85.0	56.1	13	0															0					19-20
20 48	26.650	82.0	54.7	14	0															0					20-21
21 49	26.660	77.6	52.7	16	0															0	1	.050			21-22
22 48	26.660	75.6	52.4	18	0															0					22-23
23 49	26.670	72.4	51.0	20	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	73	63	X	X						X		
	0342	1	0	0	0	76	63		0								
	0939	2	0	0	0	88	62		0								
	1545	3	0	0	0	96	87		0								
	2145	4	0	0	0	96	77		0								
	MID.	X	0	0	0	79	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.640	26.620	26.660
BAROGRAPH 64	26.625	26.680	26.620	26.650
BAR. CORR. 65	+.010	+.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 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
96	62	0	0	0	30	SW	1735					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: 0758P @ 4 Sec. / 2100P @ 4 Sec. / ± Sec.

SP/O

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: 28 JUL 1983

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	0049	CLR	20			124	70	26	33	02		002	307	HS
SA	0147	CLR	20			124	68	27	05	06		002		HS
SA	0247	CLR	20			133	65	29	04	05		004		HS
SA	0349	CLR	20			136	63	24	12	03		005	308 63 RADAT 20154	RD
SA	0448	CLR	20			143	62	28	07	04		007		RD
SA	0549	CLR	20			141	66	27	18	03		007		RD
SA	0651	CLR	20			152	74	28	23	03		010	315	RD
SA	0747	CLR	20			157	80	28	27	04		012		RD
SA	0847	CLR	20			156	83	28	27	03		012		RD
SA	0946	CLR	20			154	88	29	23	18		011	003 62	RD
SA	1046	CLR	20			149	90	30	22	16		010		RD
SA	1147	CLR	20			145	94	30	22	16	G25	009		RD
SA	1249	CLR	20			143	94	29	22	18		008	708	RD
SA	1347	CLR	20			141	95	29	22	16		008		RD
SA	1450	CLR	20			136	96	30	20	14		005		RD
SA	1549	CLR	20			130	94	29	24	15		003	715 96 RADAT 20166	HS
SA	1648	CLR	20			126	94	26	22	14		002		HS
SA	1749	CLR	20			124	92	26	22	13		002		HS
SA	1847	CLR	20			123	89	28	22	13		002	603	HS
SA	1947	CLR	20			128	85	29	24	08		004		HS
SA	2048	CLR	20			136	82	29	33	07		007		HS
SA	2149	CLR	20			140	78	28	02	07		008	117 96	HS
SA	2248	CLR	20			140	76	29	06	06		008		HS
SA	2349	CLR	20			145	72	29	05	03		009		HS

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: 29 JUL 1983

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	26.670	72.0	51.6	23	0															0	1	.010			00-01
01 47	26.670	69.4	50.1	23	0															0					01-02
02 45	26.680	68.1	50.0	26	0															0					02-03
03 49	26.685	66.4	48.1	24	0															0	3	.015			03-04
04 46	26.700	64.1	47.0	25	0															0					04-05
05 47	26.710	68.3	49.5	24	0															0					05-06
06 49	26.730	74.7	52.2	19	0															0	2	.045			06-07
07 49	26.725	81.6	54.9	15	0															0					07-08
08 47	26.730	86.6	57.0	13	0															0					08-09
09 50	26.735	90.2	58.1	12	0	0	Ci	250												0	3	.005			09-10
10 46	26.725	92.2	59.0	11	0															0					10-11
11 48	26.710	94.3	59.3	10	0															0					11-12
12 47	26.700	97.0	60.0	8	0	0	Ci	250												0	7	.035			12-13
13 49	26.680	98.0	59.6	7	0															0					13-14
14 50	26.670	99.5	60.2	7	1															1					14-15
15 48	26.650	97.0	59.9	8	0	0	Ci	250												0	7	.050			15-16
16 48	26.640	98.2	59.8	7	0															0					16-17
17 51	26.630	96.6	59.0	7	2															0					17-18
18 47	26.640	92.4	57.1	8	3	0	Cu	90	3	Ci	250	3								1	5	.010			18-19
19 47	26.660	85.6	54.3	9	6															2					19-20
20 47	26.670	80.3	52.5	11	4															1					20-21
21 47	26.670	77.2	50.5	11	5	5	Ci	250												2	1	.030			21-22
22 48	26.660	76.6	50.5	12	2															0					22-23
23 51	26.670	75.6	50.7	14	5															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 0340	X	0	0	X	72	65	X	X						X		
	0340	1	0	0	0	79	65		0								
	0940	2	0	0	0	90	64		0								
	1544	3	0	0	0	100	90		0								
	2143	4	0	0	0	99	77		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0949	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.685	26.673	26.650	26.670
BAROGRAPH 64	26.675	26.673	26.650	26.665
BAR. CORR. 65	+.010	*0	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	64	0	0	0	19	S	1213					0	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: 0712P ⊗ 4 Sec. / 1900T ⊗ 4 Sec. / ± Sec.

*CHANGED MICROBAROGRAPH AT 0949 LST

SP/0
RS/0

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: 29 JUL 1983

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	0048	CLR	20			145	72	32	29	06		009	103	HS
SA	0147	CLR	20			145	69	30	06	04		009		HS
SA	0245	CLR	20			149	68	32	10	03		010		HS
SA	0349	CLR	20			153	66	28	08	04		011	305 65 RADAT 21162	RD
SA	0446	CLR	20			159	64	28	10	04		012		RD
SA	0547	CLR	20			164	68	30	13	03		013		RD
SA	0649	CLR	20			170	75	30	19	03		015	2 15	RD
SA	0749	CLR	20			165	82	30	29	03		015		RD
SA	0847	CLR	20			166	87	31	22	04		015		RD
SA	0950	CLR	20			168	90	30	23	03		016	C1 SE/302 1001 64	RD
SA	1046	CLR	20			165	92	31	14	05		015		RD
SA	1148	CLR	20			159	94	29	19	06		013		RD
SA	1247	CLR	20			154	97	27	27	03		012	712 1001	RD
SA	1349	CLR	20			149	98	24	12	04		010		RD
SA	1450	250 SCT	20			145	100	24	22	08		009		RD
SA	1548	CLR	20			137	97	27	24	06		007	717 1001 00 RADAT 20161	HS
SA	1648	CLR	20			135	98	25	28	08		005	FEW CU C1 SE	HS
SA	1751	250 - SCT	20			130	97	23	24	10		004	FEW CU	HS
SA	1847	250 - SCT	20			132	92	21	26	07		005	503 1104	HS
SA	1947	250 - BKN	20			140	86	20	35	03		008		HS
SA	2047	250 - SCT	20			144	80	22	02	04		009		HS
SA	2147	250 - SCT	20			144	77	18	03	08		009	110 1001 00	HS
SA	2248	250 - SCT	20			139	77	19	08	03		008		HS
SA	2351	250 SCT	20			141	76	22	05	04		009		HS

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 NEVADA

DATE: 1983 JUL 30

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	26660	76.6	50.8	12	8	8	Cs	E250												5	8	.010			00-01
01 48	26.660	75.4	50.1	12	8															6					01-02
02 45	26670	73.6	50.0	15	9															7					02-03
03 50	26.670	76.3	51.5	14	7	7	Ac	E140												7	1	.010			03-04
04 50	26685	75.6	50.0	12	8															8					04-05
05 49	26700	78.0	51.0	11	9															9					05-06
06 52	26710	83.0	55.1	13	9	0	Cu	80	7	Ac	E100	7	2	Ac	140	9				9	2	.040			06-07
07 48	26.720	86.1	57.0	14	9															9					07-08
08 48	26.715	88.4	57.8	13	9															9					08-09
09 49	26.730	85.0	63.0	30	9	9	Ac	E100												9	3	.020			09-10
10 49	26.740	82.4	63.9	37	9															8					10-11
11 49	26.730	83.7	63.1	33	9															9					11-12
12 49	26.725	84.1	65.3	37	9	6	Ac	E100	3	Ac	140	9								9	8	.005T			12-13
13 50	26.710	84.7	64.0	33	8															8					13-14
14 50	26.690	87.0	63.2	27	8															8					14-15
15 50	26.680	87.7	63.4	26	10	7	Cu	E100	3	Ac	150	10								9	7	.045			15-16
16 49	26.680	87.0	63.2	27	10															9					16-17
17 47	26.680	86.3	63.6	29	9															8					17-18
18 47	26.680	85.4	63.0	29	8	5	Cu	100	3	Ac	E150	8								8	4	.000			18-19
19 47	26.680	84.7	62.6	29	8															8					19-20
20 47	26.690	83.7	62.5	31	8															7					20-21
21 50	26.690	83.3	62.3	31	10	2	Sc	100	2	Ac	150	4	6	Cs	E250	10				9	1	.010			21-22
22 50	26.685	82.4	62.0	32	9															8					22-23
23 47	26.680	81.0	61.4	33	9															8					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	77	73	X	X						X		
	0343	1	0	0	0	78	73		0								
	0941	2	T	0	0	89	74		0								
	1546	3	T	0	0	89	82		0								
	2146	4	0	0	0	88	83		0								
	MID.	X	0	0	0	83	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0948	1549	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.670	26.730	26.680	26.690
BAROGRAPH 64	26.670	26.730	26.680	26.680
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
89	73	T	0	0	23	E	0829					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0444	0448			
RW-	0501	0512			
RW-	0903	0927			
RW-	1005	1107			
RW-	1142	1222			

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: 0758P ±4 Sec./ 1845P ±4 Sec./ ± Sec.

0450P / 0450P 0949P / 0949P

1049P / 1049P 1754 / 1051 1149P / 1149P

0652P / 0652P

SP/0

RS/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, NV

DATE: 30 JUL 1983

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	0048	E250 BKN	20			136	77	21	08	04		008	803 1008	HS
SA	0148	E250 BKN	20			137	75	20	11	06		008		HS
SA	0248	E250 BKN	20			140	74	23	11	02		009		HS
SA	0350	E140 BKN	20			144	77	24	32	05		009	103 1050 73 RADAT 78144	RD
SA	0450	E100 BKN 140 BKN	20		~~RW~~	150	76	19	04	09		011	RB44E48	RD
SA	0549	E100 BKN 140 BKN	20			151	78	19	07	04		012	RB01E12 VIRGA NE	RD
SA	0652	E100 BKN 140 BKN	20			153	83	24	09	03		013	CU NW/21400 1190	RD
SA	0748	E100 BKN 140 BKN	20			160	86	31	05	03		014		RD
SA	0848	E100 BKN 140 BKN	20			161	88	31	09	14		014	RW4 SE	RD
SA	0949	E100 BKN	20			169	85	50	12	12		015	RB03E27/30700 1070	RD
—			—			—						—	73	—
SA	1049	E100 BKN 140 BKN	20		RW- 174	~~164~~	82	54	21	06		016	RB05	RD
SA	1149	100 SCT E140 BKN	20		RW-	171	84	51	30	06		015	RE07B42	RD
SA	1249	E100 BKN 140 BKN	20			169	84	55	31	05		015	RE22/80200	RD
SA	1350	E100 BKN	20			164	85	52	34	05		013		RD
SA	1450	E100 BKN 140 BKN	20			156	87	49	04	08		011		RD
SA	1550	E100 BKN 150 OVC	20			149	88	49	05	09		010	BINOVC VIRGA NW 71500	/
/													1270 89 RADAT 94151	HS
SA	1649	E100 BKN. 150 OVC	20			150	87	49	02	10		010		HS
SA	1747	E100 BKN 150 BKN	20			150	86	50	05	08		010		HS
SA	1847	100 SCT E150 BKN	20			148	85	49	05	06		010	400 1270	HS
SA	1947	100 SCT E150 BKN	20			146	85	49	05	09		010		HS
SA	2047	100 SCT E150 BKN	20			150	84	50	10	06		011		HS
SA	2150	100 SCT 150 SCT E250 OVC	20			151	83	49	12	03		011	103 1478 89	HS
SA	2250	120 SCT E250 BKN	20			150	82	49	06	07		011		HS
SA	2347	120 SCT E250 BKN	20			148	81	49	35	04		010		HS

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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: 31 JUL 1983

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	0048	E120 BKN 250 BKN	20			149	79	49	23	02		010	603 1078	HS
SA	0147	120 SCT E250 BKN	20			150	78	49	18	02		010		HS
SA	0250	120 SCT 250 SCT	20			150	74	49	06	03		010		HS
SA	0349	250 SCT	20			157	72	48	08	04		012	305 1078 72	SH
	—		—			—							RADAT 69141	—
SA	0448	120 SCT	20			159	74	50	12	06		012		SH
SA	0547	E120 BKN	20			164	76	50	36	05		014		SH
SA	0646	E120 BKN	20			168	77	51	12	03		015	212 1070	SH
SA	0747	120 SCT	20			163	84	52	35	05		014	CU S	SH
SA	0846	E120 BKN	20			157	87	52	13	14		013	TCU S	SH
SA	0949	E150 BKN 250 BKN	20			157	89	51	12	10		013	607 1272 70	SH
SA	1046	100 SCT 150 SCT E250 BKN	20			150	91	51	30	08		012	CB E AND SE	SH
SA	1148	100 SCT E150 BKN	20			140	93	51	14	15		008	CB E THRU S	SH
SA	1248	100 SCT E150 BKN	20			132	95	52	11	06		006	CB DSNT E AND S 1720	SH
	—		—			—						—	1360	—
SA	1346	100 SCT E150 BKN	20			126	95	49	20	04		004	CB DSNT E AND S	SH
SA	1445	E100 BKN 150 BKN	20		RW-	122	89	55	14	05		002	RB33 CB ALQDS	SH
SA	1550	E100 BKN 150 BKN E250 BKN	20			116	97	46	22	15		001	*RE2248/81700 1973 97	EP
													RADAT 79147 *CB SE	
SA	1649	X 90 SCT 150 SCT 250 SCT	20			113	94	49	10	15		999	CB E MOVG N	EP
SA	1748	90 SCT 150 SCT 250 SCT	20			113	92	50	11	09		999	CB N MOVG N	EP
SA	1850	90 SCT 150 SCT 250 SCT	20			120	90	50	12	09		002	CB DSNT N/303 1933	EP
SA	1947	150 SCT 250 SCT	20			118	88	51	10	07		002	TCU DSNT NW	EP
SA	2046	150 SCT 250 SCT	20			125	87	49	30	05		004		EP
SA	2150	250 -SCT	20			123	88	51	08	04		004	107 123/97	EP
SA	2249	150 SCT 250-BKN	20			129	82	50	22	05		005		EP
SA	2350	90 SCT 150 SCT	20			136	80	49	36	05		007		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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: 31 JUL 1983

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	26.680	78.7	60.6	36	9	6	Ac	E120	3	Cs	250	9								9	6	.010			00-01
01 47	26.680	77.6	60.0	36	8															6					01-02
02 50	26.680	74.4	59.2	41	4															3					02-03
03 49	26695	72.4	57.8	42	4	0	Ac	120	4	Cs	250	4								3	3	.015			03-04
04 45	26700	73.6	59.1	43	5															5					04-05
05 47	26715	76.1	60.0	40	7															7					05-06
06 46	26730	77.1	61.0	40	6	6	Ac	E120												6	2	.035			06-07
07 47	26720	83.6	63.4	33	2															2					07-08
08 46	26710	87.2	64.8	30	6															6					08-09
09 49	26710	89.0	65.0	28	8	0	Cu	100	6	Ac	E150	6	2	Ci	250	8				8	6	.020			09-10
10 46	26695	91.0	65.6	26	7															7					10-11
11 48	26670	93.0	66.0	24	7															7					11-12
12 48	26650	95.2	67.1	23	6	3	Cb	100	3	Ac	E150	6								6	7	.060			12-13
13 46	26630	95.1	66.0	21	7															7					13-14
14 45	26610	88.5	66.3	32	8															8					14-15
15 50	26,600	97.0	65.4	18	8	6	Cb	E100	1	Ac	150	7	1	Ci	250	8				7	8	.050			15-16
16 49	26,590	93.6	65.5	22	5															4					16-17
17 48	26,590	92.1	65.3	24	5															5					17-18
18 50	26.610	90.3	64.6	25	4	1	Cb	90	2	Ac	150	3	2	Ci	250	4				3	3	.010			18-19
19 47	26610	87.7	64.3	28	4															3					19-20
20 46	26.630	86.6	63.3	28	3															2					20-21
21 50	26630	81.8	64.5	29	2	0	Cu	90	0	Ac	150	0	2	Ci	250	2				1	1	020			21-22
22 49	26.640	81.7	62.0	33	7															3					22-23
23 50	26.660	80.2	61.0	34	4															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	81	72	X	X						X		
	0345	1	0	0	0	83	72		0								
	0444	2	0	0	0	89	70		0								
	1546	3	T	0	0	97	89		0								
	2145	4	0	0	0	97	87		0								
	MID.	X	0	0	0	88	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0946	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26695	26710	26.600	26.630
BAROGRAPH 64	26680	26700	26.590	26.620
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.T.D (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
97	70	T	0	0	24	5	1434					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1433	1448			

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: 0633P ±4 Sec./ 1000P ±4 Sec./ ± Sec.

1649/1649

RS/0
SP/0