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: August | YEAR: 1982

LATITUDE: 36.37, N | LONGITUDE: 116.01, W | GROUND ELEVATION (H): 3298 FT. | STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED (Knots)	Peak Speed SPEED (Knots)	DIRECTION	SUNSHINE TOTAL (Min.) Ave. Stn. Pressure	PERCENT OF POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	2	3	4	5	6a	6b	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	100	76	88			23				13.0	32	S	26.4	70	5		36	15	15	24
2	96	73	85			20				11.7	32	SW	26.4	60	1		27	12	8	16
3	92	66	79			14				12.1	29	SW	26.5	23	0		36	14	10	14
4	93	66	80			15				8.8	30	SW	26.6	05	0		29	19	9	17
5	97	63	80			15				5.6	28	W	26.6	99	0		29	13	14	24
6	93	68	81			16	T			6.7	21	W	26.6	94	10	R	34	17	18	31
7	93	74	84			19	T			6.2	24	SW	26.6	94	4	R	41	34	26	42
8	97	70	84			19				6.0	24	S	26.6	60	0		50	28	14	26
9	100	68	84			19				8.5	28	S	26.5	80	0		31	16	9	14
10	99	68	84			19				9.3	32	SW	26.5	06	4		18	13	12	15
11	96	74	85			20				12.4	28	S	26.5	23	3		19	20	21	38
12	85	69	77			12	.03			7.7	21	N	26.6	28	7	T, RW	58	52	45	59
13	92	64	78			13				7.4	20	S	26.6	00	4		76	50	28	38
14	93	69	81			16				9.6	25	SW	26.6	01	0		53	32	10	19
15	96	72	84			19				8.7	27	SW	26.6	24	0		24	18	12	19
16	96	67	82			17				7.3	25	SW	26.6	49	5		33	23	22	29
17	98	71	85			20				8.7	30	SW	26.6	38	9		44	20	19	35
18	94	67	81			16	.06			6.1	22	W	26.6	55	4	RW	75	51	27	42
19	100	70	85			20	.01			5.5	33	E	26.6	50	3	T, RW	46	28	19	33
20	102	71	87			22				5.8	18	SE	26.7	21	8		46	23	21	34
21	100	80	90			25				7.5	30	E	26.6	81	8		40	25	22	35
22	91	75	83			18	.01			8.3	27	N	26.6	50	9	T, R, RW	38	67	34	53
23	92	69	81			16	.32			8.7	29	E	26.6	08	9	T, R, RW	75	43	39	55
24	76	64	70			5	.17			8.3	25	E	26.6	68	10	T, R, RW	92	76	68	91
25	79	64	72			7	T			9.0	16	E	26.6	58	9	RW	85	83	56	84
26	88	64	76			11				6.0	19	SW	26.6	30	4		97	59	40	65
27	89	67	78			13				6.9	14	S	26.6	38	8		64	50	34	51
28	91	70	81			16				7.0	20	SW	26.6	23	6		62	40	27	37
29	93	69	81			16				7.2	35	S	26.6	05	2		58	35	21	33
30	93	67	80			15				8.3	27	S	26.6	05	2		40	24	15	33
31	93	62	78			13				4.5	20	SW	26.6	73	8		47	23	14	29
SUM	2897	2137	—	—	0	509	.60	0	—	248.8	—	—	825.2	49	142	—	1503	1023	729	1135
AVG	93.5	68.9	—	—	—	—	—	—	—	8.0	FASTEST	DIRECTION	POSSIBLE	%		—	48.5	33.0	23.5	36.6
										MISC. →	35	S	26.6	20	4.6	—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 81.2
DEPARTURE FROM NORMAL —
HIGHEST 102 ON 20
LOWEST 62 ON 31

NUMBER OF DAYS WITH –
MAX. 32° OR BELOW 0
MAX. 90° OR ABOVE 26
MIN. 32° OR BELOW 0
MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 0
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 0
DEPARTURE FROM NORMAL —

COOLING DEGREE DAYS (Base 65°)
TOTAL THIS MONTH 509
DEPARTURE FROM NORMAL —
SEASONAL TOTAL 1513
DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH .60 IN.
DEPARTURE FROM NORMAL — IN.
GREATEST Daily .32 ON 23

SNOWFALL, ICE PELLETS
TOTAL FOR THE MONTH 0 IN.
GREATEST Daily 0 ON —
GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –
CLEAR (Scale 0–3) 12
PARTLY CLOUDY (Scale 4–7) 9
CLOUDY (Scale 8–10) 10
WITH 0.01 INCH OR MORE PRECIP. 6
WITH 0.10 INCH OR MORE PRECIP. 2
WITH 0.50 INCH OR MORE PRECIP. 0
WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

R = RAIN
RW = RAINSHOWER
T = THUNDER

MAXIMUM PRECIPITATION

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

station pressure

HIGHEST ~~SEA LEVEL~~ 26.770 IN. ON 20
LOWEST ~~SEA LEVEL~~ 26.420 IN. ON 142

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

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 1

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00=36) (9)	WIND SPEED (Kts) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0047	CLR	20			075	90	47	21	13		992	810	CRD
SA	0145	CLR	20			074	85	47	32	04		992		CRD
SA	0250	CLR	20			072	81	47	29	04		991		CRD
SA	0350	CLR	20			074	78	49	07	04		991	603 78 RADAT 47152	CG
SA	0449	CLR	20			078	76	49	02	05		992		CG
SA	0548	CLR	20			083	79	48	34	05		993		CG
SA	0645	CLR	20			082	85	49	21	04		993	107 1170	CG
SA	0749	150 SCT 250 SCT	20			083	88	46	10	05		993		CG
SA	0847	150 SCT 250 SCT	20			082	95	43	18	03		993		CG
SA	0948	80 SCT 250 SCT	20			078	95	40	18	16		992	803 1108 76	CG
SA	1050	E80 BKN 250 BKN	20			076	93	44	19	18	630	991		CG
SA	1148	E80 BKN	20			071	93	47	20	17	626	990		CG
SA	1251	80 SCT E150 BKN 250 BKN	20			063	94	42	19	20	631	987	714 1278	CG
SA	1346	80 SCT E150 BKN 250 BKN	20			060	97	44	19	18	628	986		CG
SA	1448	80 SCT E150 SCT 5250 BKN	20			048	98	39	18	15	626	983	CB ~~E~~ SE	CG
SA	1551	120 SCT 250 SCT	20			044	97	42	18	22	632	981	CB DSNT SE / 820	[illegible]
—	—												1361 00 RADAT 60148	—
SA	1647	E250 BKN	20			040	97	44	17	20	630	979	FEW CU AC	[illegible]
SA	1749	E250 BKN	20			034	94	47	17	16	623	978	TCU S	[illegible]
SA	1843	E250 BKN	20			036	92	50	17	18	625	980	507 1161	[illegible]
SA	1945	E250 BKN	20			040	89	50	18	14		980		[illegible]
SA	2048	E250 OVC	20			041	88	48	19	15		981		[illegible]
SA	2149	250-BKN	20			045	86	45	19	17	625	982	210 1001 00	[illegible]
SA	2250	250 SCT	20			044	86	38	19	18	625	982		[illegible]
SA	2348	250 SCT	20			043	85	30	21	20	630	981		[illegible]

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 1

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.520	90.2	63.7	23	0															0	8	.030			00-01
01 45	26.515	85.3	62.0	27	0															0					01-02
02 50	26.510	86.9	62.3	25	0															0					02-03
03 50	26.510	78.3	60.6	36	0															0	6	.010			03-04
04 49	26.520	75.6	59.4	39	0															0					04-05
05 48	26.530	78.8	60.3	34	0															0					05-06
06 45	26.530	85.1	62.8	29	0	0	Cu	80	0	Ac	150	0								0	1	.020			06-07
07 49	26.530	88.4	62.6	23	3															3					07-08
08 47	26.530	95.3	63.6	16	3															2					08-09
09 48	26.520	94.9	62.5	15	5	4	Cu	80	1	Cs	250	5								5	8	.010			09-10
10 50	26.510	93.3	63.5	19	7															7					10-11
11 48	26.500	92.9	64.4	21	7															7					11-12
12 51	26.480	94.1	62.9	16	8	4	Cu	80	3	Ac	E150	7	1	Cs	250	8				7	7	.040			12-13
13 46	26.470	96.9	64.5	16	8															5					13-14
14 48	26.440	97.5	63.3	14	7															5					14-15
15 51	26.420	99.3	64.2	15	5	0	CB	80	2	Ac	120	2	3	Ci	250	5				5	8	.060			15-16
16 47	26.400	96.8	64.4	16	6															5					16-17
17 49	26.390	94.1	64.7	20	6															5					17-18
18 43	26.400	91.6	65.1	24	7	0	Cu	80	0	Ac	120	0	7	Ci	E250	7				5	5	.020			18-19
19 45	26.410	89.3	64.3	26	9															7					19-20
20 48	26.420	87.8	63.3	26	10															7					20-21
21 49	26.430	86.3	61.5	24	8	8	Ci	250												3	2	.030			21-22
22 50	26.425	85.7	58.7	18	4															3					22-23
23 48	26.420	85.2	56.2	13	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	92	78	X	X						X		
	0345	1	0	0	0	96	78		0								
	0945	2	0	0	0	98	76		0								
	1546	3	0	0	0	100	93		0								
	2145	4	0	0	0	97	86		0								
	MID.	X	0	0	0	86	85	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1551	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.510	26.520	26.420	26.430
BAROGRAPH 64	26.510	26.520	26.420	26.415
BAR. CORR. 65	0	*0	0	+0.15

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	76	0	0	0	32	S	1546					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: 0705 ± 0 Sec. / 2051 ± 1 Sec. / ± Sec.

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 2

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (14)
SA	0050	CLR	20			047	84	46	18	07		982	500	LH
SA	0149	CLR	20			046	82	47	03	07		982		LH
SA	0250	CLR	20			047	79	45	34	07		982		LH
SA	0345	130 SCT	20			056	77	41	01	10		984	307 1070 77 RAPAT 41147	CG
SA	0449	130 SCT	20			062	73	38	36	06		985		CG
SA	0548	130 SCT	20			071	74	36	31	07		987		CG
SA	0646	CLR	20			077	79	35	26	05		990	217 ~~1007~~ 1070	CG
SA	0746	CLR	20			077	81	34	22	12		990		CG
SA	0846	CLR	20			081	84	29	25	11		991		CG
SA	0947	CLR	20			075	88	29	24	17		990	000 1070 73	CG
SA	1048	CLR	20			066	92	28	22	20	632	987		CG
SA	1147	130 ~~EE~~ SCT 250 SCT	20			066	93	26	21	15	624	987		CG
SA	1248	130 SCT 250 SCT	20			062	94	24	21	18	628	986	610 1078	CG
SA	1346	250 SCT	20			058	93	21	19	17	626	985		CG
SA	1448	250 SCT	20			053	94	22	22	16	625	983		CG
SA	1547	250 SCT	20			048	92	22	22	12	625	981	817 1078 96 RAPAT 20153	LH
SA	1648	250 SCT	20			047	92	20	21	15	625	981		LH
SA	1749	250 SCT	20			050	89	25	21	16	623	981		LH
SA	1847	250 SCT	20			053	86	20	22	12		982	303 1001	LH
SA	1945	CLR	20			055	83	24	22	12		983		LH
SA	2047	CLR	20			066	80	26	12	04		986		LH
SA	2145	CLR	20			068	80	30	19	10		986	114 1001 96	LH
SA	2247	CLR	20			066	79	30	20	11		986		LH
SA	2345	CLR	20			066	78	30	20	08		986		LH

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 2

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.430	84.2	61.0	26	0															0	5	.000			00-01
01 49	26.430	82.1	60.7	29	0															0					01-02
02 50	26.430	79.0	59.0	30	0															0					02-03
03 45	26.450	76.6	56.3	27	2	2	Ac	130												2	3	.020			03-04
04 49	26.460	73.4	54.1	28	1															1					04-05
05 48	26.480	73.9	53.6	25	1															1					05-06
06 46	26.500	78.7	55.4	21	0	0	Ac	130												0	2	.050			06-07
07 46	26.500	81.1	55.7	18	0															0					07-08
08 46	26.510	84.0	55.6	14	0															0					08-09
09 47	26.500	87.9	57.1	12	0	0	Ac	130												0	0	.000			09-10
10 48	26.480	92.0	58.4	10	0															0					10-11
11 47	26.480	92.9	58.2	9	1															1					11-12
12 48	26.470	93.6	58.0	8	1	1	Ac	130	0	Cs	250	1								1	6	.030			12-13
13 46	26.460	92.9	57.3	7	1															1					13-14
14 48	26.440	93.8	57.7	7	2															2					14-15
15 47	26.420	91.9	57.0	8	3	0	Ac	150	3	Cs	250	3								3	8	.050			15-16
16 48	26.420	92.3	56.9	7	3															3					16-17
17 49	26.420	89.2	56.6	10	3															3					17-18
18 47	26.430	85.8	54.3	9	1	1	Ci	250												1	3	.010			18-19
19 45	26.435	82.2	54.0	11	0															0					19-20
20 47	26.465	79.9	53.2	14	0															0					20-21
21 45	26.470	77.5	54.0	16	0	0	Ci	250												0	1	.040			21-22
22 47	26.470	77.2	54.0	17	0															0					22-23
23 45	26.470	78.1	53.5	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 0341		0	0		85	77										
	0341	1	0	0	0	86	77		0								
	0943	2	0	0	0	88	73		0								
	1542	3	0	0	0	96	88		0								
	2141	4	0	0	0	99	79		0								
	MID.		0	0	0	80	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.500	26.420	26.470
BAROGRAPH 64	26.440	26.490	26.420	26.457
BAR. CORR. 65	+.010	+.010	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER TOP 75	FROZEN GROUND LAYER BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	73	0	0	0	39	SW	1044					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: 0720 ±1 Sec./ 1815 ±1 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0044	CLR	20			063	75	35	11	03		985	803 1001	LG
SA	0149	CLR	20			070	68	38	02	09		986		LG
SA	0253	CLR	20			070	67	38	07	06		986		LG
SA	0350	CLR	20			078	66	38	29	05		988	310 1001 66 RAWAT 20147	CG
SA	0448	CLR	20			087	66	36	33	06		991		CG
SA	0545	CLR	20			094	69	39	21	05		993		CG
SA	0646	CLR	20			102	73	35	27	07		995	220 1001	CG
SA	0746	CLR	20			105	76	36	23	13		996		CG
SA	0848	CLR	20			109	80	31	23	17		997		CG
SA	0948	250 SCT	20			103	83	30	24	18		996	003 1001 66	CG
SA	1057	250 SCT	20			094	88	33	23	18	628	994		CG
SA	1145	250 SCT	20			094	90	26	24	18	627	994		CG
SA	1248	250 SCT	20			095	90	24	21	19	629	994	607 1001	CG
SA	1347	CLR	20			093	91	23	22	17	626	993		CG
SA	1449	CLR	20			087	91	21	18	15	624	991		CG
SA	1545	CLR	20			088	90	26	21	16	625	991	610 92 RADAT 20155	LG
SA	1647	CLR	20			085	90	28	23	17	624	990		LG
SA	1743	CLR	20			084	89	28	20	13		990		LG
SA	1845	CLR	20			084	85	29	18	09		990	603	LG
SA	1949	CLR	20			087	83	25	17	07		991		LG
SA	2046	CLR	20			094	79	23	21	13		993		LG
SA	2149	CLR	20			091	82	29	24	12		993	110 92	LG
SA	2246	CLR	20			092	81	33	20	14		994		LG
SA	2343	CLR	20			094	80	35	22	13		995		LG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 3

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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 44	26.460	75.3	54.0	23	0	0	C1	250												0	8	.010			00-01
01 49	26.470	68.3	53.0	33	0															0					01-02
02 53	26.470	67.1	51.6	34	0															0					02-03
03 50	26.490	65.9	51.1	36	0	0	C1	250												0	3	.030			03-04
04 48	26.510	66.0	50.5	33	0															0					04-05
05 45	26.530	69.2	52.5	32	0															0					05-06
06 46	26.550	73.1	53.0	25	0	0	C1	250												0	2	.060			06-07
07 48	26.560	75.6	54.2	23	0															0					07-08
08 48	26.570	77.8	54.5	17	0															0					08-09
09 48	26.560	83.4	55.6	14	1	1	C1	250												1	0	.010			09-10
10 57	26.540	88.4	58.1	14	1															1					10-11
11 45	26.540	89.7	57.0	10	1															1					11-12
12 48	26.540	89.9	56.7	9	1	1	C1	250												1	6	.020			12-13
13 47	26.520	91.3	57.1	9	0															0					13-14
14 49	26.510	91.1	56.6	8	0															0					14-15
15 45	26.510	90.2	57.3	10	0															0	6	.030			15-16
16 47	26.500	89.8	57.5	11	0															0					16-17
17 43	26.500	88.6	57.0	11	0															0					17-18
18 45	26.500	85.2	56.0	13	0															0	6	.010			18-19
19 49	26.510	82.5	54.1	12	0															0					19-20
20 48	26.530	79.2	52.2	12	0															0					20-21
21 49	26.530	82.3	54.9	14	0															0	1	.030			21-22
22 46	26.540	81.2	53.7	18	0															0					22-23
23 43	26.545	80.3	55.9	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 0346	X	0	0	X	78	66	X	X						X		
	0346	1	0	0	0	80	66		0								
	0945	2	0	0	0	83	66		0								
	1542	3	0	0	0	92	83		0								
	2145	4	0	0	0	90	79		0								
	MID.	X	0	0	0	82	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1545	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.560	26.510	26.530
BAROGRAPH 64	26.470	26.550	26.510	26.510
BAR. CORR. 65	+.020	+.010	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	29	SW	1243					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: 0613 ±1 Sec. 1802 ±1 Sec. ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WMO DESERT ROCK, NV

DATE: 1982 AUG 4

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			077	78	35	19	04		995	107	HG
SA	0145	CLR	20			104	71	35	05	06		996		HG
SA	0250	CLR	20			103	72	34	06	05		996		HG
SA	0346	CLR	20			106	67	34	06	05		996	103 67 RADAT 20143	HR
SA	0444	CLR	20			112	67	34	08	06		998		HR
SA	0545	CLR	20			118	66	35	21	02		999		HR
SA	0644	CLR	20			124	73	33	10	03		001	215	HR
SA	0746	CLR	20			128	78	38	22	04		003		HR
SA	0847	CLR	20			129	82	39	23	10		003		HR
SA	0948	CLR	20			126	85	39	22	14		003	107 66	HR
SA	1049	CLR	20			119	89	35	21	16	G23	002		HR
SA	1147	CLR	20			119	90	30	20	17	G26	002		HR
SA	1246	CLR	20			122	92	23	20	15	G24	002	503	HR
SA	1346	CLR	20			120	92	23	21	16	G24	001		HR
SA	1450	CLR	20			115	92	23	21	14	G23	999		HR
SA	1548	CLR	20			118	91	25	20	12	G21	999	608 93 RADAT 20150	HG
SA	1645	CLR	20			114	91	28	23	13		998		HG
SA	1750	CLR	20			114	89	28	23	15		998		HG
SA	1847	CLR	20			117	86	27	19	08		000	500	HG
SA	1951	CLR	20			123	83	29	18	08		002		HG
SA	2046	CLR	20			131	81	27	12	04		005		HG
SA	2152	CLR	20			136	77	28	08	05		006	119 93	HG
SA	2247	CLR	20			137	77	28	07	04		006		HG
SA	2346	CLR	20			138	73	29	08	06		006		HG

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 Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 4

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.550	77.9	52.8	21	0															0	1	.020			00-01
01 45	26.560	71.0	52.2	27	0															0					01-02
02 50	26.560	71.7	52.0	25	0															0					02-03
03 46	26.560	67.4	50.3	29	0															0	1	.010			03-04
04 44	26.575	67.2	50.1	29	0															0					04-05
05 45	26.590	66.1	50.1	32	0															0					05-06
06 44	26.605	72.9	52.2	23	0															0	2	.045			06-07
07 46	26.620	77.9	55.8	24	0															0					07-08
08 47	26.625	82.0	57.9	22	0															0					08-09
09 48	26.625	84.8	58.6	19	0															0	1	.020			09-10
10 49	26.610	88.3	59.0	15	0															0					10-11
11 47	26.610	90.3	58.2	12	0															0					11-12
12 46	26.615	91.5	57.0	8	0															0	5	.010			12-13
13 46	26.605	92.2	57.3	8	0															0					13-14
14 50	26.590	92.1	57.4	8	0															0					14-15
15 48	26.590	91.3	57.5	9	0															0	6	.025			15-16
16 45	26.580	90.8	58.0	11	0															0					16-17
17 50	26.580	89.1	57.3	11	0															0					17-18
18 47	26.590	85.9	55.9	12	0															0	5	.000			18-19
19 51	26.610	82.6	55.0	14	0															0					19-20
20 46	26.635	81.1	54.0	14	0															0					20-21
21 52	26.645	77.3	52.8	17	0															0	1	.055			21-22
22 47	26.650	76.8	52.5	17	0															0					22-23
23 46	26.657	72.7	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 0341	X	0	0	X	80	67	X	X						X		
	0341	1	0	0	0	82	67		0								
	0942	2	0	0	0	86	66		0								
	1543	3	0	0	0	93	85		0								
	2148	4	0	0	0	91	77		0								
	MID.	X	0	0	0	77	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.625	26.590	26.645
BAROGRAPH 64	26.540	26.605	26.575	26.625
BAR. CORR. 65	+.020	+.020	+.015	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	66	0	0	0	30	SW	1354					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: 0445 (1) Sec. 1010 (1) Sec. ± Sec.

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

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

MF1-10A (1-82)

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

STATION: WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE: 1982 AUG 5

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

TYPE (11)	TIME (LST) (12)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY TOWER (31)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (30)
SA	0035	CLR	20			142	69	27	07	04		007	305	LG
SA	0148	CLR	20			143	70	29	04	02		007		LG
SA	0250	CLR	20			148	64	34	15	02		008		LG
SA	0347	CLR	20			156	64	31	02	03		011	310 64 RADAT 20144	MC
SA	0449	CLR	20			163	63	32	03	03		012		MC
SA	0548	CLR	20			168	66	34	08	02		014		MC
SA	0645	CLR	20			172	70	31	14	02		015	114	MC
SA	0747	CLR	20			171	78	30	21	03		015		MC
SA	0848	CLR	20			171	85	29	06	02		016		MC
SA	0948	CLR	20			173	87	30	24	04		016	205 1002 63	MC
SA	1047	CLR	20			170	90	32	20	06		016	CU SE	MC
SA	1147	CLR	20			165	94	35	25	10		014	CU SE	MC
SA	1246	CLR	20			160	95	38	21	14	G21	013	812 1102	MC
SA	1346	CLR	20			153	97	36	22	13	G24	011	CU CI SE	MC
SA	1450	CLR	20			152	95	37	21	12	G19	010	CU CI SE	MC
SA	1547	CLR	20			148	97	39	28	07		009	714 1101 97 RADAT 20151	JK
SA	1648	CLR	20			143	96	37	26	12		008		JK
SA	1745	CLR	20			139	94	37	26	08		007	CU AND CI S	JK
SA	1846	250-SCT	20			143	89	38	28	07		008	503 1001	JK
SA	1945	250-BKN	20			146	83	39	32	05		009		JK
SA	2046	E250 BKN	20			153	81	38	04	03		011		JK
SA	2148	250-BKN	20			153	79	40	10	04		011	110 1001 97	JK
SA	2245	250-BKN	20			153	76	37	06	03		011		JK
SA	2346	E250 BKN	20			152	74	37	09	03		011		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, NV

DATE: 1982 AUG 5

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 53	26.660	69.6	49.0	21	0															0	3	.015			00-01
01 48	26.660	70.1	50.0	22	0															0					01-02
02 50	26.670	63.6	48.8	33	0															0					02-03
03 47	26.690	64.2	48.1	29	0															0	3	.030			03-04
04 49	26.705	63.3	47.9	31	0															0					04-05
05 48	26.720	65.9	49.6	30	0															0					05-06
06 45	26.730	70.0	50.6	24	0															0	1	.040			06-07
07 47	26.735	78.0	53.5	17	0															0					07-08
08 48	26.740	84.7	55.9	13	0															0					08-09
09 48	26.745	87.3	57.1	13	0	0	Ci	300												0	2	.015			09-10
10 47	26.740	90.1	58.7	13	0															0					10-11
11 47	26.725	93.6	60.8	13	0															0					11-12
12 46	26.710	94.5	61.9	14	0	0	Cu	90	0	Ci	300	0								0	8	.035			12-13
13 46	26.695	96.7	62.0	12	0															0					13-14
14 50	26.680	95.4	61.9	13	0															0					14-15
15 47	26.670	97.0	63.0	14	0	0	Cu	90	0	Ci	250	0								0	7	.040			15-16
16 48	26.660	95.8	62.1	13	0															0					16-17
17 45	26.650	93.9	61.3	14	0															0					17-18
18 46	26.660	89.2	60.0	17	1	1	Ci	250												0	5	.010			18-19
19 45	26.670	83.1	58.1	21	6															2					19-20
20 46	26.690	81.1	57.0	21	7															4					20-21
21 48	26.690	78.5	56.5	24	6	6	Ci	250												2	1	.030			21-22
22 45	26.690	76.3	54.8	24	6															2					22-23
23 46	26.690	74.0	54.0	26	6															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 0342	X	0	0	X	73	64	X	X						X		
	0342	1	0	0	0	77	64		0								
	0942	2	0	0	0	88	63		0								
	1544	3	0	0	0	97	87		0								
	2145	4	0	0	0	97	79		0								
	MID.	X	0	0	0	79	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.745	26.670	26.690
BAROGRAPH 64	26.665	26.745	26.680	26.700
BAR. CORR. 65	+.025	0*	-.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
97	63	0	0	0	28	W	1155					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: 0450P / Sec./ 1800P / Sec./ ± Sec.

*BAROGRAPH CHANGED AND RESET TO ZERO CORR.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO. DESERT ROCK, NV

DATE: 1982 AUG 6

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

TYPE (11)	TIME (LST) (12)	SKY AND CEILING (Hundreds of Feet) (13)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (15)	SEA LEVEL PRESS. (Mb.) (16)	TEMP. (°F) (17)	DEW PT. (°F) (18)	WIND DIRECTION (00-36) (19)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	E250 BKN	20			151	74	37	02	02		011	400 1008	JK
SA	0145	E250 BKN	20			150	74	37	12	05		011		JK
SA	0245	E250 BKN	20			151	72	34	11	06		011		JK
SA	0348	250 - BKN	20			151	68	39	02	02		011	400 1071 68 RADAT 76143	MR
SA	0444	250 - BKN	20			154	69	38	11	02		011		MR
SA	0546	E150 BKN 250 OVC	20			158	70	38	24	02		012		MR
SA	0648	E130 BKN 170 BKN 250 OVC	20			159	76	40	16	03		013	207 1051	MR
SA	0748	E140 BKN 170 BKN 250 OVC	20			159	84	39	03	05		013		MR
SA	0847	E140 BKN 180 OVC	20			161	88	36	15	05		014	VIRGA E-SE	MR
SA	0946	140 SCT E190 OVC	20			169	86	37	22	09		015	VIRGA SE 308 1071 68	MR
SA	1049	140 SCT E190 OVC	20			168	87	36	22	11		015	VIRGA E-SE	MR
SA	1145	E140 BKN 190 OVC	20			165	89	35	01	08		014		MR
SA	1246	140 SCT E190 BKN 250 OVC	20			157	93	37	22	10	G17	012	810 1071	MR
SA	1347	140 SCT E190 BKN 250 OVC	20			154	90	39	21	10		012		MR
SA	1448	140 SCT E250 OVC	20			149	91	42	29	10	G17	010		MR
SA	1550	E160 BKN 250 OVC	20			147	91	42	30	10		009	812 1071 93 RADAT 81150	JK
SA	1645	E160 BKN 250 OVC	20			144	89	45	31	12		008		JK
SA	1746	E160 BKN 250 OVC	20			146	86	46	26	05		008		JK
SA	1845	E160 OVC	20			152	84	46	24	03		008	603 1071	JK
SA	1948	E90 BKN 160 OVC	20		R-	141	82	49	23	08		008	R8 20	JK
SA	2045	90 SCT E140 OVC	20			146	81	48	21	10		010	RE04	JK
SA	2145	90 SCT E140 OVC	20			148	80	47	21	06		010	10700 157/ 93	JK
SA	2247	E140 BKN 250 OVC	20			151	80	47	22	12		011		JK
SA	2350	90 SCT E140 OVC	20			154	80	47	26	04		012		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, NV

DATE: 1982 AUG 6

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.690	74.3	54.2	26	6	6	CS	E250												4	4	.000			00-01
01 45	26.690	74.0	54.0	26	8															6					01-02
02 45	26.690	72.2	52.3	24	6															4					02-03
03 48	26.690	68.4	52.6	34	6	0	Ac	140	6	Ci	250	6								2	4	-.000			03-04
04 44	26.695	69.1	52.3	32	7															2					04-05
05 46	26.705	69.9	52.8	31	10															8					05-06
06 46	26.710	75.8	55.8	28	10	6	Ac	E130	3	Ac	170	9	1	Ci	250	10				9	2	.020			06-07
07 48	26.710	83.5	58.3	21	10															9					07-08
08 47	26.720	88.0	58.9	16	10															10					08-09
09 48	26.735	86.1	58.5	17	10	3	Ac	140	7	As	E190	10								10	3	.025			09-10
10 49	26.730	86.9	58.7	17	10															10					10-11
11 45	26.720	89.1	59.0	15	10															10					11-12
12 48	26.705	92.9	60.9	14	10	2	Ac	140	5	As	E190	7	3	Ci	250	10				8	8	.030			12-13
13 47	26.700	90.1	60.6	17	10															8					13-14
14 48	26.680	91.4	62.0	18	10															7					14-15
15 50	26.670	91.1	62.1	18	10	6	AC	E160	4	Ci	250	10								7	8	.035			15-16
16 45	26.660	88.5	62.1	22	10															7					16-17
17 46	26.660	86.2	61.8	25	10															8					17-18
18 45	26.660	84.2	61.2	27	10	10	AC	E160												9	6	.010			18-19
19 48	26.660	82.1	61.9	32	10															10					19-20
20 45	26.680	80.9	60.7	31	10															10					20-21
21 45	26.680	80.0	60.0	31	10	2	Sc	90	8	AC	E140	10								10	1	.020			21-22
22 47	26.690	80.0	60.0	31	10															10					22-23
23 50	26.700	79.5	60.1	32	10															10					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 0342	X	0	0	X	74	68	X	X						X		
	0342	1	0	0	0	79	68		0								
	0942	2	0	0	0	89	68		0								
	1545	3	0	0	0	93	86		0								
	2142	4	T	0	0	91	80		0								
	MID.	X	0	0	0	80	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.690	26.735	26.670	26.680
BAROGRAPH 64	26.700	26.740	26.680	26.690
BAR. CORR. 65	-.010	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	68	T	0	0	21	W	1436					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
R-	1920	2004			

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: 0436P ±1 Sec. 1900 ±1 Sec. ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 7

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 (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	E140 OVC	20			154	78	49	02	06		012	107 107/	JK
SA	0145	90 SCT E140 OVC	20			156	76	49	03	05		012		JK
SA	0248	90 SCT E145 OVC	20			156	75	51	36	02		012		JK
SA	0348	90 SCT E140 OVC	20			159	75	50	34	04		013	303 107/ 74 RADAT 95146	MR
SA	0446	E110 BKN 160 OVC	20			162	75	50	35	03		013		MR
SA	0547	E100 BKN 160 OVC	20		R-	167	75	53	23	06		014	RB30 ACPN V24 LGT BINOVC	MR
SA	0645	E100 BKN 170 OVC	20			169	78	52	24	07		015	RE06 BINOVC 20700 1070	MR
SA	0747	E100 BKN 170 BKN	20			169	78	52	22	07		015	TCU N	MR
SA	0846	110 SCT E170 BKN	20			170	82	53	25	05		015		MR
SA	0948	130 SCT 170 SCT	20			170	84	53	21	04		015	10200 1170 74	MR
SA	1047	120 SCT 160 SCT	20			168	86	52	19	06		015	ACSL W-NW	MR
SA	1147	120 SCT 160 SCT	20			158	90	51	22	07	E12	013	ACSL W-NW	MR
SA	1245	120 SCT	20			155	92	53	21	06		012	TCU NE 710 1200	MR
SA	1345	120 SCT	20			149	91	52	25	10		010	CB NE TCU SE	MR
SA	1450	120 SCT	20			140	92	53	20	10	E17	007	CB E-NE-E	MR
SA	1550	100 SCT	20			133	93	52	24	15		005	CB NE/822 1300 93 RADAT 41158	JK
SA	1647	100 SCT	20			133	93	51	24	10		005	CB NE AND SE MOVG NE	JK
SA	1745	CLR	20			133	90	51	23	10		005	CB SE MOVG NE	JK
SA	1848	CLR	20			133	88	52	28	10		005	CB NE MOVG NE 400 1300	JK
SA	1946	CLR	20			146	84	51	32	07		009	CB NE MOVD NE	JK
SA	2045	CLR	20			153	81	52	12	02		011		JK
SA	2145	CLR	20			154	78	53	03	03		011	117 93	JK
SA	2245	CLR	20			154	77	53	09	02		011		JK
SA	2347	CLR	20			153	76	52	06	02		011		JK

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 7

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	26.700	78.2	60.2	36	10	10	Ac	E140												9	1	.020			00-01
01 45	26.700	76.0	59.7	39	10															9					01-02
02 48	26.700	74.5	59.8	44	10															9					02-03
03 48	26.710	75.0	59.5	41	10	2	Ac	90	8	Ac	E140	10								10	3	.010			03-04
04 46	26.715	75.1	59.8	42	10															10					04-05
05 47	26.725	75.0	61.4	47	10															9					05-06
06 45	26.730	77.7	61.7	41	10	7	Ac	E100	3	Ac	170	10								9	2	.020			06-07
07 47	26.730	78.4	61.8	40	9															8					07-08
08 46	26.735	82.0	63.7	37	7															6					08-09
09 46	26.735	84.2	64.0	34	4	0	Cu	100	1	Ac	130	1	3	Ac	170	4				3	1	.005			09-10
10 47	26.730	85.5	64.0	31	1															1					10-11
11 47	26.710	89.6	65.2	27	2															2					11-12
12 45	26.705	92.2	66.7	27	3	3	Cu	120												3	7	.030			12-13
13 45	26.685	90.5	65.7	27	3															3					13-14
14 50	26.660	92.2	66.6	26	3															3					14-15
15 50	26.640	92.5	66.5	26	3	3	CB	100												3	8	.065			15-16
16 47	26.640	92.8	66.2	25	1															1					16-17
17 45	26.640	90.1	65.1	26	0															0					17-18
18 48	26.640	87.6	65.0	30	0	0	CB	100												0	4	.000			18-19
19 46	26.670	87.0	63.0	32	0															0					19-20
20 45	26.680	80.9	62.7	37	0															0					20-21
21 45	26.690	78.0	62.0	42	0															0	1	.050			21-22
22 45	26.690	77.1	61.8	43	0															0					22-23
23 47	26.690	75.5	61.0	45	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342	X	0	0	X	80	74	X	X						X		
	0342	1	0	0	0	80	74		0								
	0942	2	T	0	0	85	74		0								
	1545	3	0	0	0	93	84		0								
	2143	4	0	0	0	93	78		0								
	MID.	X	0	0	0	78	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.710	26.735	26.640	26.690
BAROGRAPH 64	26.710	26.740	26.660	26.700
BAR. CORR. 65	0	-.005	+.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (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	74	T	0	0	24	SW	1525					4	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
K-	0530	0606			

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: 0552P ± 1 Sec. 1745P ± 1 Sec. ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 8

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. (6)	TEMP (7)	DEW PT. (8)	WIND DIRECTION (9)	WIND SPEED (10)	WIND CHARACTER (11)	ALTIMETER SETTING (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVATIONS (15)
SA	0045	CLR	20			153	73	53	13	04		011	400	JK
SA	0145	CLR	20			148	74	50	10	05		010		JK
SA	0246	CLR	20			150	72	51	05	02		010		JK
SA	0350	CLR	20			153	70	50	00	00		011	500 70 RADAT 54~~143~~ 146	RD
SA	0450	CLR	20			158	71	51	03	03		013		RD
SA	0549	CLR	20			160	72	51	00	00		013		RD
SA	0646	CLR	20			164	75	52	10	02		014	210	RD
SA	0748	CLR	20			163	82	51	04	04		014		RD
SA	0850	CLR	20			163	86	54	28	06		014		RD
SA	0950	CLR	20			159	90	52	16	06		013	803 1100 70	RD
SA	1046	80 SCT	20			154	92	56	26	10		012		RD
SA	1146	80 SCT	20			151	93	49	12	05		011		RD
SA	1247	80 SCT	20			141	95	49	23	10		008	715 1100	RD
SA	1349	80 SCT	20			130	96	49	27	08		005		RD
SA	1450	80 SCT	20			128	97	45	25	12		004		RD
SA	1550	CLR	20			121	96	39	22	12		002	819 1100 97 RAPAT 20157	EP
SA	1645	CLR	20			117	95	39	23	13		001		EP
SA	1747	CLR	20			117	94	34	26	11		001		EP
SA	1847	CLR	20			117	89	37	27	08		001	603 1100	EP
SA	1948	CLR	20			125	84	33	08	05		003		EP
SA	2046	CLR	20			128	81	34	13	05		004		EP
SA	2146	CLR	20			129	76	38	06	05		004	103 97	EP
SA	2248	CLR	20			128	75	39	06	03		004		EP
SA	2347	CLR	20			128	74	38	07	05		004		EP

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.690	73.0	60.3	49	0															0	4	.000			00-01
01 45	26.680	73.5	59.2	44	0															0					01-02
02 46	26.680	73.1	58.6	51	0															0					02-03
03 50	26.680	70.0	58.0	50	0															0	5	.000			03-04
04 50	26.705	71.0	58.6	49	0															0					04-05
05 49	26.710	72.0	59.0	47	0															0					05-06
06 46	26.720	75.4	60.6	44	0															0	2	.030			06-07
07 48	26.720	82.0	62.8	35	0															0					07-08
08 50	26.720	86.1	65.2	33	0															0					08-09
09 50	26.710	89.6	65.2	25	0	0	Cu	90												0	8	.010			09-10
10 46	26.700	92.2	68.0	29	1															1					10-11
11 46	26.690	93.0	65.4	23	2															2					11-12
12 47	26.665	94.8	66.0	21	1	1	Cu	80												1	7	.045			12-13
13 49	26.640	96.0	66.0	20	1															1					13-14
14 50	26.630	97.1	65.1	17	1															1					14-15
15 50	26.610	95.7	62.6	14	0	0	Cu	80												0	8	.055			15-16
16 45	26.600	94.9	62.2	14	0															0					16-17
17 47	26.600	93.7	60.5	12	0															0					17-18
18 47	26.600	89.2	59.6	16	0	0	Cu	80												0	6	.010			18-19
19 48	26.620	84.1	56.7	16	0															0					19-20
20 46	26.630	81.3	56.0	18	0															0					20-21
21 46	26.630	76.2	55.4	26	0															0	1	.030			21-22
22 48	26.630	74.8	55.0	27	0															0					22-23
23 47	26.630	73.7	54.3	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	76	70	X	X						X		
	0344	1	0	0	0	78	70		0								
	0945	2	0	0	0	90	70		0								
	1544	3	0	0	0	97	90		0								
	2143	4	0	0	0	96	76		0								
	MID.	X	0	0	0	76	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.710	26.610	26.630
BAROGRAPH 64	26.705	26.720	26.630	26.640
BAR. CORR. 65	-.015	-.010	-.020	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	70	0	0	0	24	5	1418					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: 0840 ±1 Sec. / 1825 ±1 Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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. (Mb.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. REMARKS (15)
SA	0048	CLR	20			125	73	38	00	00		003	803	EP
SA	0146	CLR	20			125	70	38	14	03		003		EP
SA	0250	CLR	20			128	70	39	06	04		004		EP
SA	0349	CLR	20			128	70	38	11	06		004	103 70 RADAT 20155	RD
SA	0448	CLR	20			129	68	38	17	03		004		RD
SA	0549	CLR	20			135	70	41	33	04		006		RD
SA	0649	CLR	20			136	74	40	12	05		006	105 1001	RD
SA	0748	CLR	20			130	82	39	10	03		005		RD
SA	0849	CLR	20			123	89	36	22	08		003		RD
SA	0947	CLR	20			124	92	40	21	15		003	608 1001 68	RD
SA	1047	CLR	20			119	95	36	20	14	G24	002		RD
SA	1147	CLR	20			114	96	38	20	17		000		RD
SA	1250	CLR	20			106	98	34	25	20		999	714 1001	RD
SA	1347	CLR	20			100	100	32	23	17		997		RD
SA	1450	CLR	20			097	98	33	19	11		996		RD
SA	1549	CLR	20			090	98	30	20	10		993	717 1001 00 RADAT 37159	EP
SA	1646	CLR	20			087	97	28	23	13		992		EP
SA	1745	250-SCT	20			083	96	30	23	13		991		EP
SA	1847	250-SCT	20			083	91	33	17	09		991	607 1001	EP
SA	1949	CLR	20			086	85	33	11	05		992		EP
SA	2046	CLR	20			092	83	34	12	06		994		EP
SA	2148	CLR	20			089	84	30	11	08		994	110 1001 00	EP
SA	2248	CLR	20			086	81	30	11	03		993		EP
SA	2346	CLR	20			087	77	30	07	06		993		EP

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 9

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	26.620	72.8	53.9	28	0															0	8	.010			00-01
01 46	26.620	70.0	52.8	31	0															0					01-02
02 50	26.630	70.0	53.0	32	0															0					02-03
03 49	26.630	69.9	52.7	31	0															0	1	.010			03-04
04 48	26.630	68.0	52.0	33	0															0					04-05
05 49	26.645	70.0	53.8	34	0															0					05-06
06 47	26.645	73.8	54.9	29	0	0	Ci	250												0	1	.015			06-07
07 48	26.635	81.7	57.6	22	0															0					07-08
08 49	26.620	88.8	59.2	16	0															0					08-09
09 47	26.620	92.0	61.6	16	0	0	Ci	250												0	6	.025			09-10
10 47	26.610	95.0	61.2	13	0															0					10-11
11 47	26.595	96.0	62.4	13	0															0					11-12
12 50	26.580	98.0	62.0	11	0	0	Ci	250												0	7	.040			12-13
13 47	26.560	99.6	62.0	10	0															0					13-14
14 50	26.550	97.8	61.6	10	0															0					14-15
15 49	26.530	98.0	61.0	9	0	0	Ci	250												0	7	.050			15-16
16 46	26.520	96.9	60.2	9	0															0					16-17
17 45	26.510	95.5	60.0	10	1															0					17-18
18 47	26.510	90.9	59.1	13	1	1	Ci	250												0	6	.020			18-19
19 49	26.520	84.8	57.0	16	0															0					19-20
20 46	26.540	83.3	56.6	17	0															0					20-21
21 48	26.540	84.2	56.0	14	0	0	Ci	250												0	1	.030			21-22
22 48	26.530	80.8	54.5	15	0															0					22-23
23 46	26.530	76.5	52.9	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 0344	X	0	0	X	74	70	X	X						X		
	0344	1	0	0	0	76	70		0								
	0942	2	0	0	0	92	68		0								
	1545	3	0	0	0	100	92		0								
	2144	4	0	0	0	98	83		0								
	MID.	X	0	0	0	84	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.620	26.530	26.540
BAROGRAPH 64	26.640	26.620	26.530	26.520
BAR. CORR. 65	-.010	+0	0	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	68	0	0	0	28	5	1110					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: 0855 P ±1 Sec./ 1831 P ±1 Sec./ ± Sec.

* CHANGED AND RESET MICRODATALOGRAPH TO ZERO AT 0946 LST

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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	0047	250 - SCT	20			084	78	29	07	06		993	605 1008	EP
SA	0146	250 - BKN	20			085	77	28	10	03		993		EP
SA	0250	250 - SCT	20			088	72	30	36	06		993		EP
SA	0350	250 - SCT	20			090	75	29	12	09		994	305 1008 71 RADAT 20193	RD
SA	0449	250 - SCT	20			098	69	34	00	00		996		RD
SA	0550	250 - BKN	20			100	69	36	09	03		996		RD
SA	0649	250 - SCT	20			101	75	35	12	03		997	207 1001	RD
SA	0748	250 - SCT	20			101	83	32	26	04		997		RD
SA	0848	250 - SCT	20			098	89	33	27	03		996		RD
SA	0949	250 - SCT	20			089	95	37	23	12		995	805 1008 68	RD
SA	1048	250 - BKN	20			090	97	37	19	12		994		RD
SA	1147	250 - BKN	20			090	99	38	19	20		994		RD
SA	1249	250 - BKN	20			081	99	40	19	15		992	808 1008	RD
SA	1347	250 - BKN	20			074	99	38	21	18		990	ACSL NW	RD
SA	1450	250 - ~~BKN~~ SCT	20			069	99	39	23	20		988	ACSL N	RD
SA	1550	250 SCT	20			060	99	38	22	16		986	ACSL NW/72 8 1041 99	EP
													RADAT 24159	
SA	1647	250 SCT	20			~~058~~ 064	98	36	20	10		986		EP
SA	1747	CLR	20			060	96	33	19	13		984		EP
SA	1849	CLR	20			064	92	33	18	10		986	500 1031	EP
SA	1947	CLR	20			065	89	32	17	10		987		EP
SA	2046	CLR	20			067	89	31	17	08		988		EP
SA	2148	CLR	20			064	87	33	23	09		988	007 99	EP
SA	2250	CLR	20			068	84	33	05	04		989		EP
SA	2346	CLR	20			073	79	33	35	08		990		EP

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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 47	26.525	78.1	53.3	17	2	2	Cs	250												0	6	.015			00-01
01 46	26.530	76.5	52.3	17	6															1					01-02
02 50	26.530	72.1	51.2	21	4															1					02-03
03 50	26.540	75.0	52.0	18	5	5	Cs	250												1	3	.015			03-04
04 49	26.550	69.2	51.0	27	5															1					04-05
05 50	26.555	69.2	51.6	29	7															1					05-06
06 49	26.560	75.1	53.8	23	4	4	Ci	250												1	2	.020			06-07
07 48	26.560	83.0	56.0	16	3															0					07-08
08 48	26.555	88.7	58.4	14	3															0					08-09
09 49	26.545	95.1	61.9	13	3	3	Cs	250												1	8	.015			09-10
10 48	26.540	96.6	62.4	13	6															1					10-11
11 47	26.540	98.6	63.1	12	6															2					11-12
12 49	26.520	98.9	63.8	13	7	7	Cs	250												2	8	.025			12-13
13 47	26.500	99.0	63.4	12	7															2					13-14
14 50	26.480	99.1	63.6	13	4															1					14-15
15 50	26.460	98.8	63.4	12	1	0	ACSL	120	1	Ci	250	1								1	7	.060			15-16
16 47	26.460	97.9	62.5	12	1															1					16-17
17 47	26.450	95.5	61.1	11	0															0					17-18
18 49	26.460	91.8	59.5	13	0	0	Ac	120	0	Ci	250	0								0	5	.000			18-19
19 47	26.470	88.8	58.2	13	0															0					19-20
20 46	26.485	89.0	58.0	13	0															0					20-21
21 48	26.480	86.7	57.6	15	0															0	0	.020			21-22
22 50	26.490	83.5	56.5	16	0															0					22-23
23 46	26.500	78.5	54.7	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 0344	X	0	0	X	78	71	X	X						X		
	0344	1	0	0	0	84	71		0								
	0944	2	0	0	0	95	68		0								
	1546	3	0	0	0	99	95		0								
	2145	4	0	0	0	99	87		0								
	MID.	X	0	0	0	87	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1547	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.545	26.460	26.480
BAROGRAPH 64	26.520	26.550	26.465	26.470
BAR. CORR. 65	+.020	-.005	-.005	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
99	68	0	0	0	32	SW	1422					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0852 ⊖1 Sec./ 2230 ⊕0 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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	0048	CLR	20			067	82	32	24	05		989	003	EP
SA	0145	CLR	20			067	83	32	22	16 G24		989		EP
SA	0250	CLR	20			073	79	35	25	07		990		EP
SA	0349	CLR	20			077	78	32	31	04		991	30178 RADAT 44149	JC
SA	0447	CLR	20			083	76	33	15	06		992	FEW AC AND CI SE	JC
SA	0549	CLR	20			096	75	36	04	04		996	FEW AC AND CI SE	JC
SA	0648	CLR	20			094	83	43	23	14		996	114 1001	JC
SA	0747	CLR	20			098	85	42	23	13		997		JC
SA	0848	CLR	20			100	88	42	20	15 G24		998	FEW CI NW	JC
SA	0949	CLR	20			101	88	42	22	16 G24		998	107 1001 74	JC
SA	1046	250-SCT	20			097	91	47	21	18 G25		997		JC
SA	1149	250-BKN	20			096	93	48	20	17 G24		996	FEW CU E-SE	JC
SA	1247	250-BKN	20			086	93	50	23	18 G26		993	TCU SE/814/201	JC
SA	1349	250-SCT	20			075	96	43	18	17 G28		991	CB SE	JC
SA	1450	250-SCT	20			074	94	50	19	20 G28		989	CB SE	JC
SA	1550	90 SCT 250 SCT	20			069	95	49	19	12 G20		988	CB SE MOUG N 717	✓
													1902 96 RADAT 39155	WRC
SA	1650	90 SCT 250 SCT	20			064	94	51	18	12 G20		987	CB SE MOUG N	WRC
SA	1750	90 SCT 250 SCT	20			067	92	55	20	12 G22		987	CB S/SE THRU NE MOUG NE	WRC
SA	1850	90 SCT 250-BKN	20			070	89	56	18	12 G20		988	CB NE S THRU NE MOUG	✓
													NE 500 1901	WRC
SA	1950	90 SCT 250-SCT	20			076	87	57	20	16		990	CB DSNT SE MOUG NE	WRC
SA	2050	250 SCT	20			082	86	56	21	16		992	CB MOUG NE	WRC
SA	2150	250 SCT	20			086	85	56	17	16		993	217 1002 96	WRC
SA	2250	250 SCT	20			092	82	54	22	09		995		WRC
SA	2350	250 SCT	20			098	78	55	16	03		996		WRC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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	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	26.490	82.3	55.8	16	0															0	0	.010			00-01
01 45	26.490	83.0	56.0	16	0															0					01-02
02 50	26.500	78.5	55.2	21	0															0					02-03
03 49	26.510	78.2	54.2	19	0															0	3	.020			03-04
04 47	26.520	76.0	53.7	21	0															0					04-05
05 49	26.550	74.6	53.8	24	0															0					05-06
06 48	26.550	82.9	59.0	23	0	0	Ci	250												0	1	.040			06-07
07 47	26.560	85.4	58.9	22	0															0					07-08
08 48	26.570	88.0	61.0	20	0															0					08-09
09 49	26.570	88.0	61.1	20	0	0	Ci	250												0	1	.020			09-10
10 46	26.560	91.0	63.8	22	2															0					10-11
11 49	26.550	92.8	64.8	22	6															0					11-12
12 47	26.530	92.9	65.6	23	7	0	TCu	50	7	Ci	250	7								0	8	.040			12-13
13 49	26.510	95.8	64.0	17	4															0					13-14
14 50	26.490	93.5	65.8	23	2															1					14-15
15 50	26.480	95.0	65.8	21	2	1	CB	90	1	Ci	250	2								2	7	.050			15-16
16 50	26.470	94.0	66.4	23	3															3					16-17
17 50	26.470	92.2	67.5	29	5															4					17-18
18 50	26.480	89.0	67.1	33	6	2	CB	90	4	Ci	250	6								3	5	.060			18-19
19 50	26.500	87.1	66.9	36	5															2					19-20
20 50	26.520	86.2	66.4	36	3															2					20-21
21 50	26.530	84.6	65.9	38	1	1	Ci	250												1	2	.050			21-22
22 50	26.545	82.3	64.1	38	1															1					22-23
23 50	26.555	78.2	63.3	45	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 0345	X	0	0	X	83	78	X	X						X		
	0345	1	0	0	0	87	78		0								
	0945	2	0	0	0	89	74		0								
	1546	3	0	0	0	96	86		0								
	2146	4	0	0	0	95	85		0								
	MID.	X	0	0	0	85	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.570	26.490	26.530
BAROGRAPH 64	26.490	26.550	26.470	26.515
BAR. CORR. 65	+.020	+.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
96	74	0	0	0	28	S	*1440					3	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: 0807 ± 1 Sec./ 2254 ± 1 Sec./ ± Sec.

*Last of Several Occurences

MF1-10A
(1-77)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO; DESERT ROCK NEVADA

DATE: AUG 1 2 1982

TO CONVERT LST TO GMT ADD 8 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)	RECORDERS INITIALS (15)
SA	0050	CLR	20			104	81	56	24	12		998	215 1002	W/RG
SA	0150	CLR	20			106	77	56	21	05		998	FEW CI SE	W/RG
SA	0250	CLR	20			108	76	58	14	02		998		W/RG
SA	0349	CLR	20			116	74	58	04	04		001	308 74 RADAT 47147	JC
SA	0448	CLR	20			121	73	60	10	05		002	FEW AC SE	JC
SA	0547	CLR	20		132	125	74	61	10	04		005	FEW CU AND AC SE	JC
SA	0645	100 SCT	20			136	78	60	24	02		007	2147 1070	JC
SA	0746	100 SCT	20			140	81	61	23	03		008	TCU OVR MTNS SE	JC
SA	0848	60 SCT E100 BKN	20			135	83	63	27	06		007	CB RWU SE MOVG NW	JC
SP	0856	E60 BKN 100 BKN	20		T				22	10		007	TB54 TRWU SE MOVG N	JC
SA	0949	E50 BKN 200 OVC	20		T	135	83	63	21	10		007	TB 1654 E-SE MOVG N	JC
—													OCNL LTGCG/000 1903	—
—													73	—
SP	1010	E50 BKN 200 OVC	20		T				16	10		008	UNCONFIRMED TORNADO	JC
—													5 W INDIAN SPRINGS	—
—													NV 1730 BY AIR	—
—													FORCE PILOT MOVMT	—
—													UNKN T E-SE MOVG	—
—													N OCNL LTGCG	—
SA	1048	E50 BKN 200 OVC	10		T	142	78	62	10	13		008	T NW-N MOVG NW	JC
—		*UNCONFIRMED TORNADO 5 W INDIAN SPRINGS NV											T NE-SE MOVG N	—
—		1730 BY AIRFORCE PILOT MOVMT UNKNOWN											OCNL LTGCCCG RB12E45	—
SA	1152	E50 BKN 200 BKN	20		T	144	77	61	02	07		008	T N AND W MOVG NW	JC
—													CB ALQDS	—
SP	1212	E50 BKN 200 OVC	20						05	10		008	TE10 MOVD N CB ALQDS	JC
—													MOVG N B/NOVC W	—
RS	1249	50 SCT E200 BKN	20			145	79	59	01	15	G21	008	UNCONFIRMED FUNNEL	JC
—													CLOUD 20 NW DRA	—
—													AT 35 BY PUBLIC	—
—													MOVMT UNKN TE10	—
—													MOVD N CB ALQDS	—
—													10303 1903	—
SA	1348	60 SCT E200 OVC	20			141	78	58	02	16		007	CB ALQDS MOVG N RWU SE	JC
SA	1449	60 SCT E200 OVC	20			141	81	63	11	11		007	CB ALQDS MOVG N	JC
SA	1550	60 SCT E200 BKN	20			134	81	58	14	09		004	CB ALQDS MOVG N/81003	W/RG
—													1902 85 RDAAT 76143	—
SA	1650	60 SCT 160 SCT E200 BKN	20			119	82	55	10	11		000	CB E AND W MOVG N	W/RG
SA	1750	60 SCT E160 BKN 200 BKN	20			121	76	60	13	12	G19	000	CB E AND W MOVG N	W/RG
—													RWU SW	—
SA	1850	160 SCT 200 SCT	20			126	76	56	11	12		002	CB E MOVD N CB W	W/RG
—													DSIPTD / 507 1072	—
SA	1950	160 SCT 230-BKN	20			125	75	57	12	07		002		W/RG
SA	2050	160 SCT 230-BKN	20			133	74	58	13	04		004		W/RG
SA	2145	160 SCT 230 SCT	20			134	73	58	14	07		004	107 1072 85	W/RG
SA	2250	230 SCT	20			138	71	59	07	04		004		W/RG
SA	2350	230 SCT	20			139	69	58	08	03		004		W/RG

A synoptic observation, in WMO code format FM11D, is entered on line following related aviation observation.

FM11D: Iliii Nddff VVwwW PPPTT $N_hC_LhC_MC_H$ T_dT_dapp $6P_oP_oP_oP_o$ 7RRR.s $8N_sCh\ h_s$ $9S_pS_psp_sp$ $2R_{24}R_{24}R_{24}R_{24}$ $3P_wP_wH_wH_w$ $d_wd_wP_wH_wH_w$ $4T_xT_xT_nT_n$

☆ U.S.GPO:1977-0-765-005/1111

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.575	80.7	64.8	44	0	0	Cl	250												0	2	.045			00-01
01 50	26575	76.6	63.2	49	0															0					01-02
02 50	26580	75.8	63.9	54	0															0					02-03
03 49	26.600	74.3	63.8	58	0															0	3	.025			03-04
04 48	26.610	72.7	64.4	65	0															0					04-05
05 47	26.640	73.8	65.0	64	0															0					05-06
06 45	26.650	78.0	66.0	54	1	1	Ac	100												1	2	.050			06-07
07 46	26.660	80.9	67.2	50	4															3					07-08
08 48	26.650	83.0	69.1	51	7															5					08-09
09 49	26.650	83.0	69.4	52	10	8	CB	E50	2	Ci	200	10								9	0	.000			09-10
10 48	26.660	77.5	66.8	58	10															9					10-11
11 52	26.660	77.4	66.4	57	9															9					11-12
12 49	26.660	78.5	65.5	51	9	5	CB	50	4	Ci	E200	9								8	1	.010			12-13
13 48	26.650	78.2	65.1	51	10															9					13-14
14 49	26.650	80.5	68.2	55	10															9					14-15
15 50	26630	80.6	65.4	45	9	4	CB	60	5	Cl	E200	9								7	8	.030			15-16
16 50	26590	82.4	64.8	40	9															7					16-17
17 50	26590	76.4	65.4	57	8															7					17-18
18 50	26610	75.8	63.1	51	5	3	AC	160	2	Cl	200	5								4	5	.020			18-19
19 50	26610	75.4	63.4	53	6															3					19-20
20 50	26.630	74.0	63.3	57	6															2					20-21
21 45	26630	73.1	63.3	59	3	2	AC	160	1	Cl	230	3								3	1	.020			21-22
22 50	26630	70.5	62.7	66	2															2					22-23
23 50	26.630	69.3	62.1	64	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		81	74										
	0345	1	0	0	0	85	74		0								
	0945	2	0	0	0	84	73		0								
	1546	3	.03	0	0	85	76		0								
	2141	4	0	0	0	85	73		0								
	MID.		0	0	0	73	69										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.650	26.630	26.630
BAROGRAPH 64	26.570	26.635	26.610	26.610
BAR. CORR. 65	+.030	+.015	+.020	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	69	.03	0	0	21	N	1242					7	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	0954	1210			
RW-	1012	1025			
RW	1025	1030			
RW-	1030	1045			

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: 0915 N ✓ / Sec. / 2352 ✓ / Sec. / ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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)	OB. SERVER'S INITIALS (15)
SA	0050	230 SCT	20			138	69	59	00	00		004	400 1002	WRC
SA	0150	230 SCT	20			134	66	58	07	03		003		WRC
SA	0250	CLR	20			135	66	58	00	00		003		WRC
SA	0349	CLR	20			135	65	57	02	06		003	603 65 20003	JC
/													RADAT 47144	/
SA	0446	CLR	20			138	66	58	11	03		004		JC
SA	0545	CLR	20			148	67	58	00	00		007	FEW CU OVR MTNS S	JC
SA	0649	CLR	20			145	71	59	09	04		007	110 1100	JC
SA	0748	CLR	20			148	74	59	08	06		008	FEW CU SE AND NW	JC
SA	0844	50 SCT	20			147	78	59	13	05		008		JC
SA	0949	50 SCT	20			146	80	59	09	06		008	103 1100 64	JC
SA	1048	50 SCT	20			138	83	60	03	04		005		JC
SA	1149	E 60 BKN 200 BKN	20			129	88	57	24	13		003		JC
SA	1250	E 60 BKN 200 BKN	20			122	89	56	22	09		001	CB DSNT SE TCU	JC
/													ALQDS 1720 1903	/
SA	1348	E 60 BKN 200 BKN	20			115	90	53	21	16		999	CB DSNT SE TCU ALQDS	JC
SA	1450	E 60 BKN 200 BKN	20			110	89	55	21	10		998	CB NE-SE STNRY	JC
/													TCU ALQDS	/
SA	1550	60 SCT	20			104	91	53	22	11	G19	995	CB NE thru SE STNRY 724	/
													1900 92 RADAT 20145	WRC
SA	1650	60 SCT	20			102	90	50	19	12	G20	995	CB DSNT SE STNRY TCU NE	WRC
SA	1750	60 SCT	20			100	89	47	21	12		994	CB DSNT SE STNRY	WRC
SA	1850	60 SCT	20			098	86	44	23	12		994	CB DSNT SE MOUNE CBS	/
													LTG MOUNT 603 1900	WRC
SA	1950	250 SCT	20			101	83	48	21	06		995	CB S DSIPTD	WRC
SA	2050	250 SCT	20			106	80	47	16	08		996		WRC
SA	2150	CLR	20			108	81	53	18	09		997	210 92	WRC
SA	2250	CLR	20			112	81	54	18	11		999		WRC
SA	2350	CLR	20			111	78	53	15	11		999		WRC

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.630	69.0	62.2	70	1	1	Ci	230												1	4	.000			00-01
01 50	26.620	66.3	60.7	74	1															1					01-02
02 50	26.620	66.2	60.8	75	0															0					02-03
03 49	26.620	65.0	60.0	76	0															0	6	.010			03-04
04 46	26.630	65.9	60.6	75	0															0					04-05
05 45	26.650	66.6	61.3	75	0															0					05-06
06 49	26.650	71.0	63.2	66	0	0	Cu	50												0	1	.030			06-07
07 48	26.660	74.1	64.0	59	0															0					07-08
08 44	26.660	77.8	65.5	53	1															1					08-09
09 49	26.660	79.9	66.2	50	3	3	Cu	50												3	1	.010			09-10
10 45	26.640	83.2	67.5	46	5															5					10-11
11 49	26.620	87.5	67.0	35	6															6					11-12
12 50	26.600	88.7	67.8	34	7	7	CB	E60	0	Ci	200	7								7	7	.060			12-13
13 48	26.580	90.0	68.3	34	7															7					13-14
14 50	26.570	88.9	66.8	32	7															7					14-15
15 50	26.550	91.0	66.4	28	5	5	CB	60												5	7	.050			15-16
16 50	26.545	90.3	65.0	26	4															4					16-17
17 50	26.540	88.4	63.1	24	2															2					17-18
18 50	26.540	86.0	61.0	23	1	1	CB	60												1	6	.010			18-19
19 50	26.550	83.2	61.6	29	1															1					19-20
20 50	26.560	79.9	60.0	32	1															1					20-21
21 50	26.570	81.0	63.2	38	0															0	2	.030			21-22
22 50	26.585	81.0	63.9	40	0															0					22-23
23 50	26.585	78.2	62.2	42	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		69	65										
	0345	1	0	0	0	73	65		0								
	0945	2	0	0	0	81	64		0								
	1546	3	0	0	0	92	80		0								
	2146	4	0	0	0	91	79		0								
	MID.		0	0	0	81	78										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.550	26.570
BAROGRAPH 64	26.600	26.660	26.555	26.570
BAR. CORR. 65	+.020	±0	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	64	0	0	0	20	S	1641					4	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: 0852P ±1 Sec./ 2220P ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 14

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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			111	78	51	15	05		999	105	WRG
SA	0150	CLR	20			112	75	51	12	09		999		WRG
SA	0250	CLR	20			115	74	51	11	04		999		WRG
SA	0349	CLR	20			120	70	52	04	05		001	30569 RADAT 23145	JC
SA	0449	CLR	20			124	69	52	36	05		002		JC
SA	0548	CLR	20			127	70	54	02	03		003		JC
SA	0644	CLR	20			126	75	56	07	05		003	107	JC
SA	0746	CLR	20			134	80	54	23	03		005	FEW Ci SW	JC
SA	0849	CLR	20			134	83	47	23	14		005		JC
SA	0949	CLR	20			133	85	52	22	13621		005	107 1100 69	JC
SA	1050	CLR	20			124	88	48	21	17625		003		JC
SA	1149	CLR	20			125	89	45	20	16624		003		JC
SA	1248	CLR	20			117	91	43	22	18624		001	714 1141	JC
SA	1349	160 SCT 250 SCT	20			110	91	42	22	18625		999	FEW CU NE	JC
SA	1450	160 SCT 250 SCT	20			110	92	40	18	17624		999		JC
SA	1550	160 SCT 250 SCT	20			106	92	28	21	17		997	812 1085 93 PADIT 20159	WRG
SA	1650	CLR	20			104	91	27	21	06	20	996		WRG
SA	1750	CLR	20			102	89	32	21	06	20	996		WRG
SA	1850	CLR	20			108	85	29	22	12		997	500 1005	WRG
SA	1950	CLR	20			111	83	28	19	07		998		WRG
SA	2050	CLR	20			116	80	28	06	06		000		WRG
SA	2150	CLR	20			120	76	31	05	05		001	212 93	WRG
SA	2250	CLR	20			120	75	35	06	03		001		WRG
SA	2350	CLR	20			117	78	41	21	09		001		WRG

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 14

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.585	77.8	60.9	38	0															0	1	.015			00-01
01 50	26.585	75.3	60.4	43	0															0					01-02
02 50	26.590	74.0	59.9	45	0															0					02-03
03 49	26.600	69.9	59.0	53	0															0	3	.015			03-04
04 49	26.610	69.0	58.5	55	0															0					04-05
05 48	26.620	69.9	60.0	57	0															0					05-06
06 44	26.620	75.0	63.0	52	0															0	1	.020			06-07
07 46	26.640	80.2	63.4	41	0															0					07-08
08 49	26.640	83.3	61.3	28	0															0					08-09
09 49	26.640	84.9	64.0	32	0	0	Cu	50												0	1	.020			09-10
10 50	26.620	88.2	63.5	25	0															0					10-11
11 49	26.620	89.1	62.5	22	0															0					11-12
12 48	26.600	90.5	62.0	19	0	0	Cu	50	0	Ac	160	0	0	Ci	250	0				0	7	.040			12-13
13 49	26.580	90.8	61.8	18	1															1					13-14
14 50	26.580	91.8	61.4	16	2															2					14-15
15 50	26.565	91.8	58.3	10	1	1	Ac	160	0	Ci	250	1								1	8	.035			15-16
16 50	26.555	90.5	57.5	10	0															0					16-17
17 50	26.550	88.6	58.0	13	0															0					17-18
18 50	26.565	85.3	56.0	13	0	0	Ci	250												0	5	.000			18-19
19 50	26.580	82.8	54.9	14	0															0					19-20
20 50	26.595	80.3	54.0	15	0															0					20-21
21 50	26.600	76.1	53.0	19	0															0	2	.035			21-22
22 50	26.600	74.9	53.9	24	0															0					22-23
23 50	26.600	77.9	57.1	27	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345		0	0		78	69										
	0345	1	0	0	0	81	69		0								
	0945	2	0	0	0	86	69		0								
	1546	3	0	0	0	93	85		0								
	2146	4	0	0	0	92	76		0								
	MID.		0	0	0	79	74										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.640	26.565	26.600
BAROGRAPH 64	26.580	26.630	26.565	26.590
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
93	69	0	0	0	25	SW	1347*					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: 0718P ±2 Sec./ 2248P ±2 Sec./ ± Sec.

*Last of Several Occurances

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NV

DATE: 1982 AUG 15

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			117	78	38	16	04		001	400	WRC
SA	0150	CLR	20			120	76	37	20	10		002		WRC
SA	0250	CLR	20			124	73	38	00	00		003		WRC
SA	0346	CLR	20			125	76	37	11	06		003	107 73 RADAT 30157	SH
SA	0446	CLR	20			129	72	42	13	07		004		SH
SA	0545	CLR	20			137	75	43	18	04		006		SH
SA	0646	CLR	20			141	77	43	25	02		007	214	SH
SA	0747	CLR	20			145	81	45	24	02		008		SH
SA	0845	CLR	20			146	85	44	28	05		009		SH
SA	0950	CLR	20			144	89	40	19	12		008	003 72	SH
SA	1046	CLR	20			141	89	40	20	14		007		SH
SA	1147	CLR	20			135	91	40	21	16	G27	006		SH
SA	1250	CLR	20			130	92	37	23	12	G21	005	710 1101	SH
SA	1347	CLR	20			124	93	35	22	12	G22	003	FEW CU CI	SH
SA	1446	CLR	20			117	93	34	19	15		001		SH
SA	1547	CLR	20			109	94	33	20	17		999	719 96 RADAT 20151	CRD
SA	1645	CLR	20			109	93	33	20	15		998		CRD
SA	1747	250-SCT	20			107	91	33	21	14		997		CRD
SA	1845	250-SCT	20			113	88	34	23	11		999	302 1001	CRD
SA	1946	250 SCT	20			121	85	33	22	09		002		CRD
SA	2047	CLR	20			127	80	34	05	06		004		CRD
SA	2147	CLR	20			123	81	34	03	05		003	010 96	CRD
SA	2245	CLR	20			124	79	35	10	07		003		CRD
SA	2345	CLR	20			124	76	35	12	04		003		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 $6RRR t_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 15

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.600	77.8	56.0	24	0															0	4	.000			00-01
01 50	26.610	76.2	54.9	24	0															0					01-02
02 50	26620	73.0	53.9	28	0															0					02-03
03 46	26620	76.2	54.8	24	0															0	1	.020			03-04
04 46	26630	72.3	55.4	34	0															0					04-05
05 45	26650	75.0	56.7	32	0															0					05-06
06 46	26660	76.6	57.4	31	0															0	2	.040			06-07
07 47	26670	81.2	59.6	28	0															0					07-08
08 45	26675	85.0	60.6	24	0															0					08-09
09 50	26670	89.3	60.7	18	0															0	0	.010			09-10
10 46	26660	89.4	60.6	17	0															0					10-11
11 47	26650	91.2	61.4	17	0															0					11-12
12 50	26640	92.4	60.7	14	0	0	Cu	80	0	Ci	250	0								0	7	.030			12-13
13 47	26620	92.8	60.5	13	0															0					13-14
14 46	26600	92.8	60.2	13	0															0					14-15
15 47	26.585	93.8	60.3	12	0															0	7	.055			15-16
16 45	26.580	93.0	60.0	12	0															0					16-17
17 47	26.570	91.1	59.3	13	1															0					17-18
18 45	26.590	87.8	58.0	15	1	1	Ci	250												0	3	.005			18-19
19 46	26.610	84.8	56.8	15	1															1					19-20
20 47	26.625	80.3	55.6	19	0															0					20-21
21 47	26.620	80.6	55.8	19	0															0	0	.030			21-22
22 45	26.620	77.3	55.4	20	0															0					22-23
23 45	26.620	75.7	54.0	23	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	78	73	X	X						X		
	0341	1	0	0	0	79	73		0								
	0945	2	0	0	0	89	72		0								
	1544	3	0	0	0	96	89		0								
	2143	4	0	0	0	95	79		0								
	MID.	X	0	0	0	82	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0947	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.670	26.585	26.620
BAROGRAPH 64	26.610	26.670	26.585	26.610
BAR. CORR. 65	+.010	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
96	72	0	0	0	27	SW	1138					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: 0740 ± 2Sec./ 2100 ± 2Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 16

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0046	CLR	20			126	74	33	06	07		003	400	CRD
SA	0145	CLR	20			127	73	35	12	03		004		CRD
SA	0246	CLR	20			130	71	37	01	05		004		SH
SA	0346	CLR	20			136	70	39	01	04		006	208 69 RADAT 37141	CRD
SA	0446	CLR	20			146	68	40	07	05		008	FEW CI	SH
SA	0547	CLR	20			156	67	43	07	02		011		SH
SA	0646	CLR	20			158	75	44	21	02		012	219	SH
SA	0747	CLR	20			158	80	44	05	02		013	FEW CI	SH
SA	0845	250 - SCT	20			158	85	43	25	07		013		SH
SA	0948	250 - SCT	20			153	89	46	22	07		012	000 1101 67	SH
SA	1047	90 SCT 250 SCT	20			150	92	48	23	14		011		SH
SA	1148	90 SCT 250 SCT	20			144	92	49	22	14	G24	008		SH
SA	1249	90 SCT 250 - BKN	20			140	94	47	20	12	G24	007	714 1101	SH
SA	1345	90 SCT 250 - BKN	20			132	95	48	21	12	G25	005		SH
SA	1447	90 SCT 250 - OVC	20			129	95	47	20	10	G20	004		SH
SA	1546	90 SCT 250 - OVC	20			126	94	50	21	10		003	714 1108 96	SH
	—					—							RADAT 78142	—
SA	1645	90 SCT E250 OVC	20			123	93	49	22	11		002		CRD
SA	1747	90 SCT E250 OVC	20			126	91	49	21	12		002		CRD
SA	1847	E250 OVC	20			128	89	48	19	10		003	500 1107	CRD
SA	1946	E250 OVC	20			125	87	48	21	10		003		CRD
SA	2045	E250 OVC	20			127	84	50	05	04		004		CRD
SA	2145	250-BKN	20			126	84	48	02	04		004	103 1008 96	CRD
SA	2245	250-SCT	20			125	82	47	09	03		004		CRD
SA	2346	250 SCT	20			128	79	47	07	05		005		CRD

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 16

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	26.620	73.8	52.8	23	0															0	4	.000			00-01
01 45	26.625	73.3	53.1	25	0															0					01-02
02 46	26.630	70.6	52.8	29	0															0					02-03
03 46	26.645	69.5	52.8	33	0															0	2	.025			03-04
04 46	26.670	67.5	52.6	37	0															0					04-05
05 47	26.690	67.2	53.5	41	0															0					05-06
06 45	26.700	74.6	57.0	34	0															0	2	.055			06-07
07 47	26.705	79.6	58.6	28	0															0					07-08
08 45	26.705	85.4	60.3	22	1															0					08-09
09 48	26.700	89.0	62.8	23	2	0	CU	90	2	CI	250	2								0	0	.000			09-10
10 47	26.690	91.7	64.3	22	3															2					10-11
11 48	26.670	92.4	65.0	23	3															2					11-12
12 49	26.660	94.4	65.0	20	7	2	CU	90	5	CI	250	7								2	7	.040			12-13
13 45	26.640	95.1	65.7	20	8															2					13-14
14 47	26.630	94.6	65.1	20	10															2					14-15
15 46	26.620	94.2	66.0	22	10	2	CU	90	8	CS	250	10								3	7	.040			15-16
16 45	26.610	93.2	65.2	22	10															6					16-17
17 47	26.610	91.3	64.7	24	10															7					17-18
18 47	26.620	89.2	63.5	24	10	0	CU	90	10	CS	E250	10								7	5	.000			18-19
19 46	26.620	87.3	63.0	26	10															6					19-20
20 45	26.630	84.4	62.7	30	10															6					20-21
21 45	26.630	83.7	61.9	29	6	6	CS	250												3	1	.010			21-22
22 45	26.630	81.6	60.8	30	5															2					22-23
23 46	26.635	78.7	59.8	33	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	76	69	X	X						X		
	0343	1	0	0	0	92	69		0								
	0942	2	0	0	0	89	67		0								
	1542	3	0	0	0	96	89		0								
	2143	4	0	0	0	95	83		0								
	MID.	X	0	0	0	84	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1544	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.645	26.700	26.620	26.630
BAROGRAPH 64	26.655	26.705	26.625	26.640
BAR. CORR. 65	-.010	-.005	-.005	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	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	67	0	0	0	25	SW	1344					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: 0820 ± 2Sec./ 1800 ± 2Sec./ ± Sec.

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 17

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0046	250 SCT	20			125	78	49	36	05		004	400 1008	CRD
SA	0145	250 SCT	20			126	77	49	18	03		004		CRD
SA	0250	250 SCT	20			130	75	48	02	03		005		CRD
SA	0346	250 SCT	20			136	72	49	03	04		006	307 1008 72	SH
	—					—						—	RADAT 20150	—
SA	0445	90 SCT 250 SCT	20			141	73	48	07	04		007		SH
SA	0546	90 SCT E250 BKN	20			149	72	50	10	04		010		SH
SA	0646	90 SCT 250 -BKN	20			147	79	50	32	03		010	110 1108	SH
SA	0745	250 - BKN	20			149	84	49	27	04		011	FEW Cu AC	SH
SA	0846	250 -BKN	20			148	89	48	22	06		011		SH
SA	0947	250 - BKN	20			147	92	46	20	12	G20	011	103 1108 71	SH
SA	1046	250 -BKN	20			143	94	49	19	10	G23	009	FEW Cu	SH
SA	1148	90 SCT 250 -BKN	20			136	95	49	18	12	G25	007		SH
SA	1251	90 SCT 250 -OVC	20			128	96	49	17	13		005	CB E MOVG N / 717	SH
	—					—						—	1307	—
SA	1346	90 SCT E200 OVC	20			123	94	49	21	12		003	CB DSNT NE	SH
SA	1445	90 SCT 150 SCT E200 OVC	20			115	95	45	22	12		001	TCU E	SH
SA	1546	90 SCT 180 SCT E250 BKN	20			111	95	46	24	09		999	TCU E-S / 719 1278 98	CRD
/													RADAT 58151	/
SA	1645	90 SCT 180 SCT E250 OVC	20			107	94	45	18	14		997	TCU E-S	CRD
SA	1746	90 SCT 180 SCT E250 BKN	20			109	92	39	21	12		998		CRD
SA	1847	90 SCT 180 SCT E250 OVC	20			110	90	41	22	10		999	500 1177	CRD
SA	1945	90 SCT E250 OVC	20			114	89	41	16	07		002		CRD
SA	2048	E90 BKN 250 OVC	20			134	83	54	11	16	G27	006		CRD
SA	2146	90 SCT E120 OVC	20			122	84	53	13	08		004	014 117/ 98	CRD
SA	2245	E120 OVC	20			124	83	53	12	14		004		CRD
SA	2347	90 SCT E120 OVC	20			129	81	53	12	12		006		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 17

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 46	26.630	78.3	60.3	36	4	4	CS	250												3	4	.000			00-01
01 45	26.630	77.0	60.1	38	4															3					01-02
02 50	26.635	74.5	58.5	39	3															2					02-03
03 46	26.650	72.0	58.0	44	2	2	CS	250												2	3	.020			03-04
04 45	26.660	72.6	58.0	42	5															4					04-05
05 46	26.680	72.4	58.6	45	8															5					05-06
06 46	26.680	78.7	60.8	36	8	2	CU	90	6	CS	250	8								3	1	.030			06-07
07 45	26.690	83.5	62.3	31	9															2					07-08
08 46	26.690	89.4	63.7	24	8															3					08-09
09 47	26.690	92.4	63.7	20	8	0	CU	90	8	CS	250	8								3	1	.010			09-10
10 46	26.680	93.6	65.6	22	7															3					10-11
11 48	26.660	95.0	65.7	21	9															3					11-12
12 51	26.640	96.4	66.3	20	10	1	CB	90	9	CS	250	10								4	7	.050			12-13
13 46	26.620	94.3	65.7	22	10															7					13-14
14 45	26.600	95.2	64.3	18	10															6					14-15
15 46	26.585	95.4	64.7	19	8	1	CU	90	1	AC	180	2	6	CS	E250	8				5	7	.055			15-16
16 45	26.570	93.8	63.8	18	10															7					16-17
17 46	26.580	91.7	61.1	16	9															6					17-18
18 47	26.585	89.5	61.0	18	10	2	CU	90	1	AC	180	3	7	CS	E250	10				7	5	.000			18-19
19 45	26.605	89.0	60.8	19	10															9					19-20
20 48	26.650	82.7	64.0	37	10															10					20-21
21 46	26.625	83.8	64.2	35	10	4	CU	90	6	AC	E120	10								10	0	.040			21-22
22 45	26.630	82.7	63.7	36	10															10					22-23
23 47	26.645	81.1	63.0	37	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	79	72	X	X						X		
	0341	1	0	0	0	84	72		0								
	0942	2	0	0	0	92	71		0								
	1543	3	0	0	0	98	92		0								
	2143	4	0	0	0	96	83		0								
	MID.	X	0	0	0	84	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0944	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.690	26.595	26.625
BAROGRAPH 64	26.650	26.690	26.595	26.650
BAR. CORR. 65	0	0	-.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
98	71	0	0	0	30	SW	1212					9	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0540 ± 2 Sec./ 1800 ± 2 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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 (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	E70 BKN 120 OVC	20		RW-	134	82	53	23	10		007	RB38/ 21000 117/	CRD
SA	0145	30SCT E70 BKN 120 OVC	20			136	78	52	30	08		007	RE10	CRD
SA	0245	30 SCT E70 BKN 120 OVC	20		RW-	144	75	54	30	15		009	RB40	CRD
SA	0346	30 SCT E 70 OVC	20			156	68	60	10	02		012	RE02 B11 E20 01500 122/ /	
													68 RADAT 95140	JD
SA	0449	30 SCT E70 OVC	15		RW-	162	67	61	02	06		013	RB15	JD
SA	0548	70 SCT E120 BKN	20			165	68	61	07	03		014	RE19 RWW SE	JD
SA	0649	70 SCT E120 BKN 250 BKN	20			163	68	60	04	08		013	20306 1071	JD
SA	0748	120 SCT 250 SCT	20			161	72	61	01	10		013		JD
SA	0846	120 SCT 250 -SCT	20			163	76	57	11	08		013		JD
SA	0949	250 - BKN	20			156	79	59	09	04		012	80306 1139 67	JD
SA	1047	250 - BKN	20			152	84	57	12	06		011		JD
SA	1149	250 - SCT	20			142	85	56	36	04		008	TCU N AND E	JD
SA	1249	70 SCT 250 -SCT	20			135	88	55	22	02		006	TCU E 717 1201	JD
SA	1349	70 SCT 250 SCT	20			126	92	54	25	07		004	TCU E	JD
SA	1450	70 SCT 160 SCT	20			121	90	54	24	07		002	TCU SE	JD
SA	1548	70 SCT 250 SCT	20			114	93	53	25	10		999	722 1103 94 RADAT 37141	CRD
SA	1645	70 SCT 250 SCT	20			115	92	51	29	05		999		CRD
SA	1745	250 SCT	20			113	90	51	24	08		998	CU S	CRD
SA	1846	250 SCT	20			124	87	52	32	04		001	305 1103	CRD
SA	1945	250 SCT	20			129	82	53	02	04		003		CRD
SA	2046	250 SCT	20			134	81	54	03	03		005		CRD
SA	2147	250 SCT	20			136	79	54	11	06		005	112 1001 94	CRD
SA	2245	250 SCT	20			132	78	54	04	03		004		CRD
SA	2355	250 SCT	20			131	77	53	12	04		004		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 18

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.655	81.5	63.4	38	10	6	Cu	E70	4	Ac	120	10								10	2	.030			00-01
01 45	26.660	78.3	61.9	41	10															10					01-02
02 45	26.680	74.8	61.5	48	10															10					02-03
03 46	26.700	68.1	62.6	75	10	4	Cu	30	6	As	E70	10								10	0	.045			03-04
04 49	26.710	66.5	62.6	81	10															10					04-05
05 48	26.715	67.8	63.4	80	9															8					05-06
06 49	26.710	67.7	62.7	77	7	2	Ac	70	4	Ac	E120	6	1	Ci	250	7				6	2	.010			06-07
07 48	26.710	72.1	64.5	67	3															2					07-08
08 46	26.710	76.4	64.0	52	2															1					08-09
09 49	26.700	79.0	65.9	51	8	0	Cu	70	0	Ac	120	0	8	Cc	250	8				1	8	.010			09-10
10 47	26.690	83.6	65.8	40	9															0					10-11
11 49	26.665	85.3	65.0	37	4															0					11-12
12 49	26.650	87.9	66.1	32	2	1	Cu	70	1	Ci	250	2								1	7	.050			12-13
13 49	26.630	92.0	67.1	28	3															3					13-14
14 50	26.610	89.9	66.4	30	2															2					14-15
15 48	26.585	92.8	67.0	27	2	1	Cu	70	1	Ci	250	2								2	7	.065			15-16
16 45	26.585	91.7	65.7	25	2															2					16-17
17 45	26.580	90.3	65.2	26	1															1					17-18
18 46	26.600	86.7	64.4	30	1	0	Cu	70	1	Ci	250	1								1	3	.015			18-19
19 45	26.620	82.4	63.5	36	1															1					19-20
20 46	26.635	81.3	63.7	39	1															1					20-21
21 47	26.635	78.8	62.8	42	1	1	Ci	250												1	1	.035			21-22
22 45	26.630	77.5	62.7	45	1															1					22-23
23 55	26.630	77.1	62.0	44	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 0343	X	T	0	X	82	68	X	X						X		
	0343	1	T	0	0	84	68		1								
	0945	2	.06	0	0	79	67		0								
	1545	3	0	0	0	94	79		0								
	2143	4	0	0	0	93	78		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.700	26.700	26.585	26.635
BAROGRAPH 64	26.700	26.710	26.600	26.635
BAR. CORR. 65	0	-.010	-.015	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	67	.06	0	0	22	W	0312					4	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0038	0110			
RW-	0240	0302			
RW-	0311	0320			
RW-	0415	0519			

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: 0523P ±1 Sec. / WSS ±1 Sec. / ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-70) WHICH MAY BE USED. ☆U.S. G.P.O. 1982-[illegible]

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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)	OBS. INITIALS (15)
SA	0045	CLR	20			134	75	53	13	03		005	302	CRD
SA	0146	CLR	20			136	74	50	01	04		006		CRD
SA	0250	CLR	20			136	73	51	06	06		006		CRD
SA	0346	CLR	20			137	72	50	09	03		006	203 71 20006 RADAT 70139	JD
SA	0449	250 SCT	20			142	70	51	36	02		007		JD
SA	0546	CLR	20			148	71	52	07	02		009		JD
SA	0646	CLR	20			154	76	52	30	02		011	314 1032	JD
SA	0748	CLR	20			152	82	53	29	02		011		JD
SA	0847	CLR	20			151	86	53	29	03		011		JD
SA	0949	70 SCT 250 SCT	20			150	91	54	12	04		011	000 1101 70	JD
SA	1048	70 SCT 250 SCT	20			144	92	51	10	05		009		JD
SA	1148	80 SCT	20			140	95	50	30	08		008	TCU E	JD
SA	1247	80 SCT	20			136	93	49	08	04		006	TCU N 814 1200	JD
SA	1347	80 SCT 250 SCT	20			128	94	49	11	04		004		JD
SA	1450	80 SCT 250 SCT	20			119	98	47	11	03		002	TCU ALQDS	JD
SA	1548	80 SCT 250 SCT	20			112	98	48	13	10		000	TCU RWY SE TM 1202 00	/
/													RADAT 71147	HS
SP	1634	80 SCT 250 SCT	20		TRW -				13	16G29		002	T E MOVG N B32 RB32	HS
SA	1749	80 SCT 250 SCT	20		TRW -	122	85	57	09	22 G31		001	TRB32 NE MOVG N	/
/													OCNL LTG CG NE	HS
SP	1708	80 SCT 250 SCT	20						07	16	26	002	TREOT MOVD N	/
/													PK GUST 0933 00/49	HS
SA	1750	80 SCT 250 SCT	20			126	91	54	08	09		003	TREOT MOVD N CB N MOVG N	HS
SA	1848	80 SCT 250 SCT	20			125	88	52	10	09		003	CB N DSIPTD 11001 1202	HS
SA	1949	80 SCT 250 SCT	20			132	85	55	04	06		005	OCNL DSNT LTG N	HS
SA	2047	80 SCT 250 SCT	20			140	82	60	09	06		008	OCNL DSNT LTG S	HS
SP	2135	80 SCT 250 SCT	20		T				33	06		009	TB34 S LTL MVMT	HS
SA	2146	80 SCT 250 SCT	20		T	140	84	52	03	03		009	T S LTL MVMT B34	/
/													FQT LTGICCCCG S 21701	/
/													1302 00	HS
SA	2247	E80BKN	20		T	151	84	52	08	07		012	T OVHD MOVG N FQT	/
/													LTGICCCCG OVHD	HS
SP	2343	80 SCT	20						06	05		013	TE41 MOVD N CB OCNL	/
/													LTGICN	HS
SA	2348	80 SCT	20			154	80	58	04	06		013	CB OCNL LTGICN	HS
/													TE41 MOVD N	/

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: 1982 AUG 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 45	26.640	74.8	61.0	46	0															0	3	.005			00-01
01 46	26.650	74.0	59.4	43	0															0					01-02
02 50	26.650	72.8	59.5	47	0															0					02-03
03 46	26.650	71.8	58.5	46	0															0	2	.010			03-04
04 49	26.660	70.2	58.7	51	1															1					04-05
05 46	26.675	70.5	58.9	52	0															0					05-06
06 46	26.690	75.5	60.8	44	0	0	Ac	170	0	Ci	250	0								0	3	.040			06-07
07 48	26.690	82.2	63.6	37	0															0					07-08
08 47	26.690	86.4	64.9	32	0															0					08-09
09 49	26.690	91.1	66.7	28	1	1	Cu	70	0	Ci	250	1								1	0	.000			09-10
10 48	26.675	92.1	66.0	25	3															3					10-11
11 48	26.665	94.5	66.1	22	3															3					11-12
12 47	26.650	92.8	65.0	22	4	4	Cu	80												4	8	.040			12-13
13 47	26.630	93.9	65.7	22	4															4					13-14
14 50	26.610	97.7	66.0	18	4															4					14-15
15 48	26.590	97.6	66.4	19	5	4	Cu	80	1	Ci	250	5								5	7	.060			15-16
16 49	26.600	84.8	66.6	39	5															5					16-17
17 50	26.620	90.8	66.6	29	4															4					17-18
18 48	26.620	88.4	65.0	29	4	3	Cu	80	1	Ci	250	4								4	1	.030			18-19
19 49	26.640	84.6	65.5	37	4															4					19-20
20 47	26.660	82.0	67.1	47	4															4					20-21
21 46	26.670	83.8	63.6	33	5	4	CB	80	1	Ci	250	5								5	2	.050			21-22
22 47	26.700	84.1	63.7	33	7															7					22-23
23 48	26.710	80.1	65.4	48	4															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	77	71	X	X						X		
	0343	1	0	0	0	79	71		0								
	0945	2	0	0	0	91	70		0								
	1543	3	0	0	0	100	91		0								
	2141	*	0.01	0	0	100	82		0								
	MID.	X	0	0	0	84	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.690	26.590	26.670
BAROGRAPH 64	26.650	26.690	26.600	26.665
BAR. CORR. 65	0	0	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	70	.01	0	0	33	E	1649					3	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
TRW-	1632	1707			
T	2134	2341			

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: 0503P ±1 Sec./ 2148P ±1 Sec./ ± Sec.

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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)	OB. REPORTER'S INITIALS (15)
SA	0045	80 SCT	20			154	79	53	06	10		012	CB OCNL LTGIC NW 010 1300	HS
SA	0147	80 SCT	20			151	79	53	07	07		012	CB OCNL LTGIC NW	HS
SA	0248	80 SCT	20			154	77	53	10	04		013		HS
SA	0347	CLR	20			163	73	51	31	03		015	308 73 20001 RADAT 46149	JD
SA	0449	300 -SCT	20			171	72	51	04	03		015		JD
SA	0546	300 -BKN	20			173	74	52	05	03		017		JD
SA	0647	300 -SCT	20			180	80	52	34	04		019	214 1031	JD
SA	0748	250 -SCT 300 -SCT	20			180	86	50	02	05		019		JD
SA	0848	250 -BKN 300 -BKN	20			180	89	51	26	02		019		JD
SA	0947	250 -BKN	20			176	94	51	12	06		019	212 1106 71	JD
SA	1046	80 SCT 250 -BKN	20			170	97	50	11	05		018	TCU SE	JD
SA	1147	80 SCT 250 -OVC	20			166	99	51	17	08		017	TCU VIRGA SE	JD
SA	1247	90 SCT 250 -OVC	20			162	97	50	10	09		015	CB SE MOVG N RWU SE	
													814 1907	JD
SA	1348	90 SCT 120 SCT 250 -OVC	20			154	99	51	14	10		013	CB SE DSPTD TCU E	JD
SA	1450	90 SCT 120 SCT E200 BKN 250 OVC	20			147	100	51	14	04		011	VIRGA SE	JD
SA	1548	80 SCT 120 SCT E250 BKN	20			146	97	50	32	08		010	TCU S 717 1278 02	
													RADAT 23159	HS
SA	1645	80 SCT 120 SCT E250 BKN	20			142	99	49	19	05		009		HS
SA	1748	80 SCT 120 SCT E250 OVC	20			144	94	50	15	15		009		HS
SA	1847	120 SCT E250 BKN	20			142	91	52	16	05		009	603 1078	HS
SA	1947	120 SCT 250 - BKN	20			148	88	52	08	04		011		HS
SA	2049	120 SCT E250 BKN	20			151	85	51	01	04		012		HS
SA	2148	120 SCT 250 - BKN	20			154	83	52	24	02		013	114 1078 02	HS
SA	2247	120 SCT 250 - SCT	20			155	84	51	04	05		014		HS
SA	2347	120 SCT 250 SCT	20			155	82	52	05	08		014		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: 1982 AUG 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 45	26.700	78.9	62.7	41	2	2	CB	80												2	0	.030			00-01
01 47	26.700	79.0	62.3	40	1															1					01-02
02 48	26.710	76.9	61.9	44	1															1					02-03
03 47	26.725	73.3	59.8	46	0															0	3	.025			03-04
04 49	26.730	71.7	59.1	48	3															0					04-05
05 46	26.745	74.0	60.1	46	7															0					05-06
06 47	26.765	79.9	62.5	39	5	0	Ac	120	5	Ci	300	5								0	2	.040			06-07
07 48	26.770	86.1	63.4	29	3															1					07-08
08 48	26.770	88.9	64.9	28	7															3					08-09
09 47	26.770	93.9	66.2	23	9	0	Cu	80	9	Cs	250	9								3	2	.005			09-10
10 46	26.760	96.6	66.9	21	9															2					10-11
11 47	26.745	99.3	68.0	20	10															2					11-12
12 47	26.730	96.8	66.9	21	10	2	Cb	90	10	Cs	250	10								2	8	.040			12-13
13 48	26.710	98.6	67.8	20	10															5					13-14
14 50	26.690	99.9	68.0	19	10															7					14-15
15 48	26.680	97.3	67.0	21	9	2	Cu	80	3	Ac	120	5	4	Cs	E250	9				8	7	.050			15-16
16 45	26.670	98.7	67.0	19	8															7					16-17
17 48	26.670	94.4	66.2	23	10															9					17-18
18 47	26.670	91.2	66.1	27	9	4	Ac	120	5	Cs	E250	9								8	6	.010			18-19
19 47	26.690	88.3	65.1	29	8															4					19-20
20 49	26.700	85.4	63.8	31	7															4					20-21
21 48	26.710	83.2	63.4	34	7	3	Ac	120	4	Cs	250	7								3	1	.040			21-22
22 47	26.720	84.0	63.1	32	4															2					22-23
23 47	26.720	82.2	62.9	35	4															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 42	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	80	73	X	X						X		
	0343	1	0	0	0	84	73		0								
	0944	2	0	0	0	94	71		0								
	1543	3	0	0	0	102	94		0								
	2143	4	0	0	0	100	83		0								
	MID.	X	0	0	0	84	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.725	26.770	26.680	26.710
BAROGRAPH 64	26.715	26.770	26.680	26.705
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 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	71	0	0	0	18	SE	1746					8	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0517P ± 1 Sec. / 2150P ± 1 Sec. / ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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 (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Whole) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	120 SCT E250 BKN	20			152	82	52	12	04		013	000 1078	HS
SA	0148	E120 BKN 250 OVC	20			155	83	52	09	05		014		HS
SA	0250	E120 BKN 250 OVC	20			150	81	53	11	06		012		HS
SA	0349	E120 BKN 250 OVC	20			152	80	53	09	03		013	502 1078 80 RADAT 92150	JD
SA	0449	E120 BKN 250 OVC	20			153	83	51	34	04		014		JD
SA	0549	E120 BKN 180 BKN 250 OVC	20			163	80	52	19	02		015		JD
SA	0647	E120 BKN 180 BKN 250 OVC	20			166	82	52	36	02		016	310 1078	JD
SA	0746	E120 BKN 180 BKN 250 OVC	20			168	84	53	31	04		016		JD
SA	0846	120 SCT 250-BKN	20			168	89	52	28	03		017		JD
SA	0948	120 SCT 250-BKN	20			169	94	53	20	03		017	TCU SE 205 1278 80	JD
SA	1049	E120 BKN 250 BKN	20			160	95	51	24	08		015	CB RWY OMTN SE	JD
SA	1148	E120 BKN 250 BKN	20			154	96	51	24	09		013	CB RWY OMTN SE	JD
SA	1249	90 SCT E130 BKN 250 BKN	20			148	95	51	21	10		012	CB E MOVG N RWY SE	
													819 1973	JD
SA	1349	90 SCT 130 SCT 250-BKN	20			136	98	50	28	04		008	CB E MOVG N	JD
SA	1450	130 SCT 250-BKN	20			131	98	50	11	06		006	CB E	JD
SA	1550	130 SCT 250 SCT	20			119	97	53	06	03		003	CB E 725 1973 00	
													RADAT 71154	HS
SA	1648	130 SCT 250 SCT	20			123	95	53	02	19		004	CB E DSIPTD	HS
SA	1752	130 SCT 250 SCT	20			121	93	54	05	11		003		HS
SA	1848	130 SCT 250-BKN	20			121	91	52	03	08		003	000 1078	HS
SA	1947	130 SCT 250-BKN	20			126	89	52	05	08		004	CB OCNL LTGIC SE	HS
SA	2047	130 SCT 250-BKN	20			127	87	52	07	09		005		HS
SA	2148	90 SCT E250 BKN	20			128	87	56	10	15		007	210 1208 00	HS
SA	2249	90 SCT E250 OVC	20			129	86	56	10	18		007		HS
SA	2348	E90 BKN 250 OVC	20			128	85	56	09	17	G28	007		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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 48	26.710	81.8	63.0	36	8	4	Ac	120	4	Cs	E250	8								8	0	.000			00-01
01 48	26.720	82.6	63.1	35	10															9					01-02
02 50	26.700	80.5	62.8	38	10															9					02-03
03 49	26.705	79.6	62.8	40	10	6	Ac	E120	4	Cs	250	10								9	5	.005			03-04
04 49	26.715	82.9	62.8	33	10															10					04-05
05 49	26.730	79.8	62.5	39	10															9					05-06
06 47	26.735	81.5	63.1	37	10	8	Ac	E120	1	Ac	180	9	1	Cs	250	10				9	3	.030			06-07
07 46	26.740	83.7	63.9	35	10															9					07-08
08 46	26.745	89.0	65.4	29	9															4					08-09
09 48	26.750	94.0	67.1	25	7	0	Cu	90	4	Ac	120	4	3	Cs	250	7				3	2	.015			09-10
10 49	26.730	94.7	66.8	23	9															7					10-11
11 48	26.710	95.5	67.0	23	9															8					11-12
12 49	26.695	95.2	66.9	23	9	1	CB	90	6	Ac	E30	7	2	Ci	250	9				8	8	.055			12-13
13 49	26.670	98.2	67.2	20	9															4					13-14
14 50	26.650	97.7	67.0	20	8															3					14-15
15 50	26.620	97.2	68.0	22	4	0	CB	90	2	Ac	130	2	2	Ci	250	4				3	7	.075			15-16
16 48	26.630	94.6	67.6	25	3															2					16-17
17 52	26.620	93.2	67.0	27	5															3					17-18
18 48	26.620	91.0	65.9	27	7	2	Ac	130	5	Cs	250	7								3	0	.000			18-19
19 47	26.630	88.6	65.1	29	7															3					19-20
20 47	26.640	87.1	64.7	30	7															3					20-21
21 48	26.650	86.7	66.3	35	9	4	Cu	90	5	Cs	E250	9								7	2	.030			21-22
22 49	26.650	85.7	66.0	36	10															9					22-23
23 48	26.650	85.1	65.4	36	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		83	80										
	0344	1	0	0	0	84	80		0								
	0944	2	0	0	0	94	80		0								
	1545	3	0	0	0	100	94		0								
	2143	4	0	0	0	97	87		0								
	MID.		0	0	0	87	85										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1549	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.705	26.750	26.620	26.650
BAROGRAPH 64	26.700	26.750	26.635	26.650
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
100	80	0	0	0	30	E	2221					8	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0505P ✓1 Sec./ 2150P ✓1 Sec./ ± Sec.

*Barograph Changed 0952P 0 corr

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 22

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	E90 OVC	20			130	84	55	12	12		007	400 12//	HS
SA	0148	E90 OVC	20			129	83	57	01	04		007		HS
SA	0245	E90 OVC	20			135	80	59	12	07		008		HS
SA	0348	E90 OVC	20			133	82	54	12	17		008	103 11// 80 RADAT 73151	HS
SA	0444	E90 BKN 140 OVC	20		RW-	139	77	58	11	17	G23	008	RB28	HS
SA	0544	E90 OVC	20		RW-	146	77	57	12	14		010	BINOVC NW	HS
SA	0645	E90 OVC	20		R-	153	77	60	25	03		012	31200 14//	HS
SA	0748	E90 OVC	20		R-	157	77	61	11	09		013		HS
SA	0845	E90 OVC	20			162	77	62	13	06		014	RE02 RWU SE-S	HS
SA	0948	E100 OVC	20			163	76	64	13	06		014	RB1653E12 RWU SE-S	HS
—	—												10800 14// 76	—
SA	1045	E100 BKN 140 OVC	20			160	78	62	16	02		013	RWU SE	HS
SA	1150	E100 BKN 140 OVC	20			154	79	61	22	05		012		HS
SA	1249	100 SCT E140 OVC	20			144	83	60	24	06		009	TCU N BINOVC/817 1261	HS
SA	1347	E140 BKN 230 BKN	20			128	86	59	19	04		004	CB DSNT NE	HS
SA	1450	140 SCT 230 SCT	20			115	90	57	31	04		001	LN CB DSNT NE	HS
SA	1549	140 SCT 230 - SCT	20			103	90	57	21	07		997	CB NE 634 1371 91	MR
													RADAT 81161	
SA	1647	170 SCT 230 - BKN	20			102	90	57	20	08		996	CB NE	MR
SA	1744	E140 BKN 180 BKN 250 OVC	20			102	88	56	21	07		996	CB N-NE	MR
SA	1849	E140 BKN 180 OVC	20			106	86	54	20	05		997	CB OCNL LTGIC NE 500	MR
													1951	
SP	1902	E140 BKN 180 OVC	20		T				20	05		997	TB0259 NE OCNL LTGICCG	MR
													NE	
RS	1950	E140 BKN 180 OVC	20			121	85	56	02	05		001	TE47 MOVD NW CB OCNL	MR
													LTGIC NW-N	
SA	2044	E120 BKN 250 OVC	20			135	80	60	03	20	G27	004	CB OCNL LTGICCG W-NW	MR
SA	2145	100 SCT E 130 OVC	20			142	78	60	02	16		006	CB OCNL LTGICCCCG W-NW	MR
													127 197/ 91	
SA	2246	90 SCT E 130 OVC	20		RW-	150	77	61	36	10		008	RB03 CB OCNL LTGIC SW-W	MR
SP	2342	E 80 BKN 130 OVC	20		TRW-				07	07		007	TB40 OVHD OCNL LTGICCC	MR
SA	2348	E80 BKN 130 OVC	15		TRW-	144	75	64	08	06		007	TB40 OVHD OCNL LTGICCC	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: 1982 AUG 22

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.650	83.9	65.0	37	10	10	Cu	E90												10	4	.000			00-01
01 48	26.650	83.1	65.7	41	10															10					01-02
02 45	26.660	80.0	66.0	49	10															10	.				02-03
03 48	26.660	82.1	64.0	38	10	10	Cu	E90												10	1	.010			03-04
04 44	26.665	76.8	64.3	52	10															10					04-05
05 44	26.680	77.2	63.8	49	10															10					05-06
06 45	26.685	76.6	65.3	56	10	10	Sc	E90												10	3	.035			06-07
07 48	26.705	76.6	65.8	58	10															10					07-08
08 45	26.715	77.0	67.0	61	10															10					08-09
09 48	26.720	76.0	68.0	67	10	10	Sc	E100												10	1	.025			09-10
10 45	26.710	77.5	67.0	59	10															10					10-11
11 50	26.695	78.8	66.7	54	10															10					11-12
12 49	26.670	82.7	67.1	46	10	4	Cu	100	6	Ac	E140	10								9	8	.050			12-13
13 47	26.630	86.2	67.6	39	6															4					13-14
14 50	26.600	90.2	67.8	32	5															4					14-15
15 49	26.570	89.7	68.0	34	5	0	CB	100	1	Ac	140	1	4	Ci	230	5				2	6	.100			15-16
16 47	26.560	89.6	67.7	33	7															2					16-17
17 44	26.560	88.1	66.9	34	10															7					17-18
18 49	26.570	86.0	65.2	34	10	0	CB	100	8	Ac	E140	8	2	Ac	180	10				9	5	.000			18-19
19 50	26.605	85.1	65.8	37	10															10					19-20
20 44	26.635	80.1	66.7	51	10															9					20-21
21 45	26.650	78.0	65.7	53	10	2	CB	100	8	Ac	E130	10								10	1	.080			21-22
22 46	26.670	76.8	66.0	58	10															10					22-23
23 48	26.655	74.7	67.5	70	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	85	80	X	X						X		
	0344	1	0	0	0	87	80		0								
	0943	2	T	0	0	82	76		0								
	1543	3	0	0	0	91	76		0								
	2141	4	0	0	0	90	78		0								
	MID.	X	.01	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.720	26.570	26.650
BAROGRAPH 64	26.660	26.710	26.570	26.645
BAR. CORR. 65	0	+.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
91	75	.01	0	0	27	N	2105					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0428	0550			
R-	0550	0802			
RW-	0853	0912			
T-	1902	1947			
RW-	2203	CONT'D			
T	2340	CONT'D			

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: 0631 ✓ Sec./ 1632P ✓ Sec./ ± Sec.

✓ LAST OF SEVERAL OCCURENCES

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 23

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (7)	DEW PT. (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)
SP	0032	E80 BKN 120 OVC	10		R-				05	04		004	TE31 DSPTD	MR
SA	0050	E80 BKN 120 OVC	10		R-	132	71	68	03	06		003	TE31 DSPTD 82510 107/	MR
SA	0146	E80 BKN 120 OVC	20		R-	125	71	64	02	15		002		MR
SA	0250	E100 OVC	20			127	72	63	02	10		003	RE30 OCNL LTG DSNT NE	MR
SA	0350	E100 OVC	20			127	72	64	22	06		003	50218 15// 71 20018	MR
—	—												RADAT 95149	—
SA	0450	E100 OVC	20			126	71	64	31	07		003	BINOVC	MR
SA	0546	E100 BKN 150 OVC	20			130	72	63	03	09		004	TCU DSNT N AND SE	MR
—	—												BINOVC	—
SA	0652	E100 BKN 150 OVC	20			137	72	65	14	05		005	TCU NE-SE/307 146/	MR
SA	0744	E100 BKN 150 BKN 230 OVC	20			136	75	64	31	02		005	CB DSNT NE	MR
SA	0848	E100 BKN 130 BKN 230 OVC	20			136	80	63	03	06		005	CB SE RWU N	MR
SA	0948	100 SCT E130 BKN 230 BKN	20			135	84	59	30	03		005	CB DSNT NW-NE AND SE	MR
—	—												HOO 1961 71	—
SA	1044	100 SCT 130 SCT E230 BKN	20			130	86	57	29	07		004	CB RWU SE CB DSNT	MR
—	—												NW-NE	—
SA	1150	100 SCT 130 SCT E230 OVC	20			121	90	57	18	06		002	CB NW-NE-SE RWU SE	MR
SP	1225	100 SCT E130 BKN 230 OVC	20		T				22	13		002	TB22 SE MOVMT UNKN	MR
SA	1249	80 SCT E150 BKN 250 OVC	20		T	120	91	58	21	11		001	TB22 SE MOVMT UNKN	MR
—	—												CB ALQDS RWU NW	—
—	—												AND SE / 714 1963	—
SP	1322	E80 BKN 150 BKN 250 OVC	20						21	09		998	TE19 MOVD NE CB	MR
—	—												ALQDS RWU NW AND SE	—
SA	1349	E80 BKN 150 BKN 250 OVC	20			108	90	57	22	07		997	TE19 MOVD NE CB	MR
—	—												ALQDS RWU N	—
SP	1424	E80 BKN 150 OVC	20		TRW-				03	10		997	T NE-E MOVG E TB21	MR
—	—												OCNL LTGICCG NE	—
SP	1443	E80 BKN 150 OVC	20						07	13		997	TE40 MOVD E RWU E	MR
—	—												CB ALQDS	—
SA	1452	E80 BKN 150 OVC	20			106	87	60	06	15		997	TE40 MOVD E CB ALQDS	MR
—	—												RWU E	—
SA	1550	E80 BKN 150 OVC	20			105	88	60	09	04		997	CB ALQDS RWU SE	MR
													614 00197/ 92 RADAT 95151	
SA	1649	90 SCT E140 OVC	20			105	88	58	04	04		997	CB E-SE DRK SE	MR
SA	1746	90 SCT E130 OVC	20			112	85	60	09	10		998	CB E-SE	MR
SA	1847	80 SCT E140 BKN 250 OVC	20			115	82	60	10	12		998	307 1072	MR
SA	1950	80 SCT E140 BKN 250 OVC	20			116	80	60	11	10		999	CB DSNT S	MR
SA	2048	140 SCT E250 OVC	20			121	78	61	11	12		001	CB OCNL LTGIC NE-SE	MR
SA	2147	E130 BKN 180 OVC	20			125	76	62	10	14 G19		002	CB OCNL LTGIC DSNT N-NE	MR
													310 197/ 92	
SA	2246	80 SCT E130 OVC	20			136	77	61	05	14 G22		006	CB OCNL LTGICCC N-NE	MR
SP	2301	E80 BKN 130 OVC	20		TRW-				08	15 G22		006	TRB0658 N-NE OCNL	MR
	R 23												LTGICCC N-NE	
SA	R 2346	E70 OVC	7		TRW	148	69	67	09	13		008	TRO VHD MOVG S OCNL	MR
													LTGICCC ALQDS	

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 23

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.625	71.1	68.6	89	10	7	Ac	E80	3	Ns	120	10								10	8	.025			00-01
01 46	26.610	70.7	65.9	79	10															10					01-02
02 50	26.620	72.1	65.6	72	10															10					02-03
03 50	26.620	71.9	66.2	75	10	10	Sc	E100												10	5	.005			03-04
04 50	26.620	71.3	66.0	77	10															9					04-05
05 46	26.630	72.4	66.1	73	10															9					05-06
06 52	26.640	72.4	67.4	78	10	8	Sc	E100	2	Ac	150	10								9	3	.020			06-07
07 44	26.640	74.5	67.3	70	10															9					07-08
08 48	26.640	79.7	68.0	56	10															9					08-09
09 48	26.640	84.3	67.4	43	6	3	CB	100	3	Ac	E130	6	0	Ci	230	6				6	4	.000			09-10
10 44	26.630	86.3	66.8	37	6															5					10-11
11 50	26.610	90.2	68.2	33	10															8					11-12
12 49	26.600	90.8	68.6	33	10	4	CB	80	3	Ac	E150	7	3	Ci	250	10				9	7	.040			12-13
13 49	26.570	90.4	68.0	32	10															9					13-14
14 52	26.560	87.1	68.6	40	10															9					14-15
15 50	26.560	88.1	68.7	39	10	7	CB	E80	3	Ac	150	10								10	6	.040			15-16
16 49	26.560	87.9	68.0	37	10															10					16-17
17 46	26.575	85.1	67.8	42	10															10					17-18
18 47	26.580	81.9	67.0	47	10	5	Ac	80	2	Ac	E140	7	3	Ci	250	10				9	3	.020			18-19
19 50	26.585	80.4	66.5	50	10															8					19-20
20 48	26.600	78.3	66.3	55	10															8					20-21
21 47	26.610	75.9	66.2	61	10	0	CB	80	6	Ac	E130	6	4	As	180	10				10	3	.030			21-22
22 46	26.645	77.3	66.3	58	10															10					22-23
23 46	26.670	68.5	67.6	96	10															10					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	.17	0	X	75	71	X	X						X		
	0345	1	.18	0	0	78	71		1								
	0944	2	0	0	0	84	71		0								
15	2146	3	T	0	0	92	84		0								
	2142	4	0	0	0	88	75		0								
	MID.	X	.15	0	0	77	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0948	1549	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.640	26.560	26.610
BAROGRAPH 64	26.610	26.635	26.570	26.600
BAR. CORR. 65	+.010	+.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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	69	.32	0	0	29	E	2333					9	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	CONT'D	0031			
RW-	CONT'D	0020			
R-	0020	0230			
T	1222	1319			
RW-	1410	1430			
T	1421	1440			
T	2258	CONT'D			
RW-	2258	2314			
RW	2314	CONT'D			

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: 0656 ±1 Sec. 1851P ±1 Sec. ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 24

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (14)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (15)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0046	E60 BKN 120 OVC	10		TRW-	141	68	65	09	10		006	T SE-S MOVG S OCNL	MR
													LTGICG SE-S 01419 197/	
SP	0110	E70 BKN 120 OVC	20		RW-				08	07		005	TE06 MOVD S AND DSPTD	MR
													CB OCNL LTGIC W	
SA	0149	E70 BKN 100 OVC	15		R-	132	69	63	07	09		004	TE06 MOVD S AND DSPTD	MR
SA	0250	E70 BKN 100 OVC	15		R-	138	69	66	08	02		005		MR
SA	0344	E80 OVC	20			141	68	65	11	10		006	RE33/50020 14// 67	MR
—	—												20020 RADAT 96144	—
SA	0445	80 SCT E120 OVC	20			145	67	65	10	09		007		MR
SP	0523	80 SCT 120 SCT E230 OVC	20						11	11		007	ST NW 3 HND	MR
SA	0548	80 SCT 120 SCT E230 OVC	20			148	69	63	11	13		008	ST NW 5 HND	MR
SA	0643	80 SCT E120 BKN 230 OVC	20			151	69	63	08	10		008	107 1468	MR
SA	0746	E80 BKN 120 BKN 230 OVC	20			152	70	65	03	05		008	ST N AND SE 19 HND	MR
SA	0848	E90 OVC	20			155	72	63	09	07		010		MR
SA	0950	90 SCT E130 OVC	20			169	72	64	11	10		012	308 147/ 67	MR
SA	1044	30 SCT E90 BKN 130 OVC	20		R-	160	74	63	11	11		012	RB18	MR
SA	1145	30 SCT E70 BKN 130 OVC	20		R-	166	72	65	13	14		012		MR
SA	1247	70 SCT E130 OVC	20			163	73	63	12	13		011	RE05/80300 147/	MR
SA	1344	E130 BKN 230 OVC	20			155	74	63	12	10		008		MR
SA	1450	130 SCT E190 OVC	20			148	74	63	12	10		006		MR
SA	1549	130 SCT E160 OVC	20		R-	143	75	63	13	04		004	RB41 71700 147/ 76	MR
													RADAT 92146	
SA	1649	130 SCT E160 OVC	20		R-	146	74	66	21	04		005		MR
SA	1748	80 SCT 130 SCT E160 OVC	20		R-	148	72	67	21	03		006		MR
SA	1845	E80 BKN 130 BKN 160 OVC	20		R-	154	71	67	22	03		007	30800157/	MR
SA	1947	90 SCT E130 OVC	20			164	70	67	15	02		010	RE26	MR
SA	2047	90 SCT E130 OVC	20			163	71	68	02	05		011	CB OCNL LTGIC E	MR
SA	2148	70 SCT E100 OVC	10		R-	166	68	65	10	12		011	RB23 CB OCNL LTGIC E	MR
													11003 197/ 767	
SA	2247	70 SCT E100 OVC	10		R-	165	64	62	09	15		011	R- OCNLY R	MR
SA	2345	E120 BKN 250 OVC	20			160	66	59	09	09		009	RE07	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$_1$W$_2$ 8$N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 24

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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.
0046	26.650	67.6	66.0	93	10	6	CB	E60	4	Ac	120	10								10	0	.040			00-01
0149	26.630	69.4	64.9	80	10															10					01-02
0250	26.640	68.7	66.6	90	10															10					02-03
0344	26.650	68.0	66.2	92	10	10	SC	E80												10	5	.000			03-04
0445	26.660	67.4	65.4	91	10															10					04-05
0548	26.665	67.5	65.0	84	10															9					05-06
0643	26.670	67.2	65.0	81	10	4	SC	80	3	AC	E120	7	3	CS	230	10				9	1	.020			06-07
0746	26.670	70.0	66.6	85	10															10					07-08
0848	26.680	72.2	65.8	72	10															10					08-09
0950	26.695	72.3	66.7	76	10	0	CUFRA	20	2	SC	90	2	10	AC	E130	10				10	3	.025			09-10
1044	26.695	73.6	66.5	70	10															10					10-11
1145	26.695	72.3	67.0	77	10															10					11-12
1247	26.685	72.9	66.3	72	10	0	CUFRA	30	5	SC	70	5	10	AC	E130	10				10	8	.010			12-13
1344	26.670	73.5	66.5	70	10															10					13-14
1450	26.650	74.0	66.6	69	10															9					14-15
1549	26.635	74.8	66.9	68	10	0	CUFRA	30	3	Ac	130	3	10	NS	E160	10				10	7	.050			15-16
1649	26.640	73.6	68.4	78	10															10					16-17
1748	26.645	72.2	68.4	84	10															10					17-18
1845	26.660	71.2	68.4	87	10	6	Sc	E80	3	Ac	130	9	1	NS	160	10				10	3	.025			18-19
1947	26.685	70.0	68.1	91	10															10					19-20
2047	26.690	70.7	69.1	92	10															9					20-21
2148	26.690	67.7	65.9	91	10	1	CB	70	8	Ac	E100	10								10	1	.030			21-22
2247	26.690	64.2	62.5	92	10															10					22-23
2345	26.675	66.3	61.6	78	10															9					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0340	X	.05	0	X	69	67	X	X						X		
	0340	1	.20	0	0	77	67		1								
	0945	2	0	0	0	72	67		1								
	1543	3	T	0	0	76	72		1								
	2142	4	.03	0	0	75	68		2								
	MID.	X	.09	0	0	68	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0950	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.685	26.635	26.690
BAROGRAPH 64	26.650	26.685	26.645	26.685
BAR. CORR. 65	0	+.010	-.010	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
76	64	.17	0	0	25	E	2203					10	10		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	CONT'D	0106			
RW	CONT'D	0009			
RW-	0009	0130			
R-	0130	0333			
R-	1018	1205			
R-	1541	1926			
R-	2123	2307			

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: 0605 ✓/Sec./ 1653P ✓/Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 2 5

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 (14)	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 (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0048	140 SCT 250 -OVC	20			153	65	61	05	04		007	81209 1077	MR
SA	0148	140 SCT E250 OVC	20			152	65	61	11	09		007		MR
SA	0250	E140 BKN 250 OVC	20			154	65	61	09	06		007	[illegible]	MR
SA	0350	E140 BKN 250 OVC	20			150	65	61	10	08		006	802 1077 64 20012 RADAT 95144	008
SA	0448	E140 BKN 250 OVC	20			154	67	60	09	06		007		008
SA	0550	E140 BKN 250 OVC	20			157	66	62	10	09		008		008
SA	0647	E150 BKN 250 OVC	20			162	68	61	11	12		009	210 1077	008
SA	0749	80 SCT E150 BKN 250 BKN	20			166	69	61	11	10		010		008
SA	0848	60 SCT E120 BKN 250 BKN	20			170	69	62	12	09		011		008
SA	0944	60 SCT 100 SCT E160 BKN 250 OVC	20			174	69	64	13	09		012	210 1077 64	008
SA	1050	60 SCT E100 BKN 150 OVC	20		RW-	172	69	65	12	10		011	RB46	008
SA	1147	60 SCT 100 SCT E150 BKN 250 OVC	20		RW-	162	72	65	12	09		009	BINOVC	008
SA	1250	60 SCT E120 BKN 250 OVC	20			154	76	65	15	07		007	81700 1577 RE05	008
SA	1349	60 SCT E120 BKN 250 BKN	20			144	77	64	13	12		005		008
SA	1440	60 SCT 120 SCT E250 BKN	20			136	78	63	12	13		003		008
SA	1550	60 SCT E120 BKN 250 BKN	20			137	78	61	11	16		003	61400 1231 79	WRG
SA	1650	60 SCT 120 SCT E250 BKN	20			135	79	62	12	11		003	CB S MOUNT UNKWN	/
													RADAT 97150	WRG
SA	1750	120 SCT E250 BKN	20			134	77	60	14	08		002	CB S DSIPTD	WRG
SA	1850	120 SCT E250 BKN	20			137	74	62	13	08		003	500 1072	WRG
SA	1950	120 SCT 250 -BKN	20			146	71	63	12	12		005		WRG
SA	2050	120 SCT 250 -BKN	20			157	70	64	13	07		008		WRG
SA	2150	120 SCT 250 -BKN	20			151	69	64	13	09		006	110 1074 79	WRG
SA	2250	120 SCT 250 - SCT	20			146	68	64	12	06		005		WRG
SA	2350	120 SCT 250 SCT	20			148	67	64	10	05		006		WRG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 25

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.655	65.2	62.7	88	10	3	AC	140	7	CS	250	10								4	8	.035			00-01
01 48	26.655	65.2	62.1	85	10															8					01-02
02 50	26.660	65.1	62.2	86	10															10					02-03
03 50	26.650	65.1	62.1	85	10	7	AC	E140	3	CS	250	10								10	8	.005			03-04
04 48	26.660	66.8	62.4	79	10															10					04-05
05 50	26.670	65.9	63.3	87	10															10					05-06
06 47	26.680	67.5	63.3	80	10	6	AC	E150	4	CS	250	10								10	2	.030			06-07
07 49	26.690	69.3	64.0	76	9															9					07-08
08 48	26.700	69.1	64.4	79	9															9					08-09
09 44	26.710	69.1	65.4	83	10	2	SC	60	3	CU	100	5	3	AC	E160	8	2	CS	250	10	2	.030			09-10
10 50	26.700	69.2	66.0	85	10															10					10-11
11 47	26.680	72.3	67.2	78	10															10					11-12
12 50	26.660	75.6	68.2	70	10	3	SC	60	4	AC	E120	7	3	CS	250	10				10	8	.050			12-13
13 49	26.640	77.4	68.2	64	8															7					13-14
14 40	26.620	77.6	67.6	61	8															7					14-15
15 50	26.620	75.2	66.6	56	8	2	CU	60	4	AC	E120	6	2	CI	250	8				7	6	.040			15-16
16 50	26.620	75.6	67.0	56	7															6					16-17
17 50	26.610	77.3	65.9	56	7															6					17-18
18 50	26.620	74.2	66.0	66	8	2	AC	120	6	CI	E250	8								6	5	.000			18-19
19 50	26.640	71.3	65.6	75	8															4					19-20
20 50	26.670	69.8	65.9	82	8															4					20-21
21 50	26.650	68.8	65.5	84	7	1	AC	120	6	CI	250	7								3	1	.030			21-22
22 50	26.640	68.3	65.3	86	4															2					22-23
23 50	26.645	67.1	65.0	90	3															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0342		0	0		66	64										
	0342	1	.09	0	0	68	64		2								
	0940	2	0	0	0	70	65		1								
	1546	3	T	0	0	79	69		1								
	2146	4	0	0	0	79	69		1								
	MID.		0	0	0	70	67										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0942	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.710	26.620	26.650
BAROGRAPH 64	26.660	26.710	26.610	26.630
BAR. CORR. 65	-.010	±0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
79	64	T	0	0	16	E	1543					9	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1046	1205			

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: 0720P ±1 Sec./ 2237 ±1 Sec./ ± Sec.

1000P - CHANGED BAROGRAM

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 26

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	250 SCT	20			148	66	63	00	00		006	602 1002	WRC
SA	0150	250 SCT	20			146	66	64	01	02		006		WRC
SA	0250	250 SCT	20			144	65	64	16	03		005		WRC
SA	0350	250 SCT	20			144	65	64	07	03		005	802 1002 64 RADAT 52149	008
SA	0450	CLR	20			147	64	63	06	02		006		008
SA	0548	CLR	20			151	65	63	03	02		007	HALF	008
SA	0647	CLR	20			156	68	64	28	03		008	210	008
SA	0746	CLR	20			160	71	63	34	02		009	FEW CU SE	008
SA	0850	80 SCT 250 SCT	20			159	75	64	11	07		009		008
SA	0950	80 SCT 250 SCT	20			158	77	62	11	04		009	103 1201 64	008
SA	1050	80 SCT 250 SCT	20			148	81	63	12	03		007	TCU DSNT N	008
SA	1148	80 SCT	20			143	84	62	21	08		008		008
SA	1250	80 SCT	20			134	83	61	23	08		003	720 1200	008
SA	1350	E80 BKN	20			132	85	61	20	10		003		008
SA	1448	80 SCT	20			116	86	58	23	14G	19	998		008
SA	1550	80 SCT 250 SCT	20			113	87	59	22	13		997	817 1205 88 RADAT 50154	WRC
SA	1650	80 SCT 250 SCT	20			114	85	59	24	14		997		WRC
SA	1750	80 SCT 250 - BKN	20			114	83	59	22	09		997		WRC
SA	1850	80 SCT 250 - BKN	20			116	81	59	21	09		998	302 1204	WRC
SA	1950	80 SCT 250 - BKN	20			125	79	62	22	04		002		WRC
SA	2050	80 SCT 250 - SCT	20			131	78	60	22	04		003	FQT LTGIC DSNT NW THRU	/
/	/		/										NE MOUNT OKN	WRC
SA	2150	80 SCT 250 - SCT	20			135	75	63	04	08		004	FQT LTGIC NW THRU NE	/
~~SA~~	~~2250~~	~~80 SCT 250 SCT~~	~~20~~			143							MOUG SE 219 1304 88	WRC
SA	2250	80 SCT 250 SCT	20			143	75	62	04	06		007	CB NW THRU N MOUG SE	/
													FQT LTGIC	WRC
SA	2350	80 SCT 250 - SCT	20			150	75	58	03	07		009	CB NE MOUG SE OCNL	/
													LTGIC	WRC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 26

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.645	65.8	63.9	91	1	1	Ci	250											1	6	.005			00-01
01	50	26.645	66.2	64.9	94	1														1					01-02
02	50	26.640	65.3	64.2	95	1														1					02-03
03	50	26.640	64.6	64.0	97	1	1	Ci	250											1	8	.005			03-04
04	50	26.650	63.9	63.1	96	0														0					04-05
05	48	26.660	65.2	64.0	94	0														0					05-06
06	47	26.670	67.8	65.2	88	0														0	2	.030			06-07
07	46	26.680	70.6	65.6	78	0														0					07-08
08	50	26.680	74.6	67.0	69	2														2					08-09
09	50	26.680	77.3	66.8	59	3	2	cu	80	1	Ci	250	3							2	1	.010			09-10
10	50	26.660	81.1	68.4	54	4														3					10-11
11	48	26.650	83.7	69.0	49	4														4					11-12
12	50	26.620	83.1	67.9	47	5	5	cu	80											5	7	.060			12-13
13	50	26.620	85.4	68.6	44	7														7					13-14
14	48	26.580	86.3	67.6	39	5														5					14-15
15	50	26.570	86.6	68.0	40	4	4	cu	80	0	Ci	250	4							4	4	.050			15-16
16	50	26.570	84.7	67.3	42	5														4					16-17
17	50	26.570	83.0	67.1	45	7														3					17-18
18	50	26.575	81.0	66.2	47	9	2	cu	80	7	Ci	250	9							4	3	.005			18-19
19	50	26.610	79.1	67.2	55	9														4					19-20
20	50	26.620	78.1	66.0	54	5														2					20-21
21	50	26.630	75.3	66.4	65	5	1	CB	80	4	Ci	250	5							2	2	.055			21-22
22	50	26.655	75.1	66.2	64	5														3					22-23
23	50	26.675	74.6	63.8	57	3														1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	67	64	X	X						X		
	0343	1	0	0	0	70	64		0								
	0944	2	0	0	0	79	64		0								
	1546	3	0	0	0	88	77		0								
	2146	4	0	0	0	87	75		0								
	MID.	X	0	0	0	76	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0943	1543	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.682	26.570	26.630
BAROGRAPH 64	26.630	26.670	26.555	26.615
BAR. CORR. 65	+.010	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
88	64	0	0	0	19	SW	1440					4	4		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0815P ±1 Sec./ 2116P ±1 Sec./ ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 27

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Inches) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	80 SCT 250 SCT	20			143	75	59	13	04		007	CB MOUD SE 808 1402	WRG
SA	0150	80 SCT 250 SCT	20			143	72	59	12	11		007		WRG
SA	0250	80 SCT 250 SCT	20			143	71	58	12	06		007		WRG
SA	0350	80 SCT 250 SCT	20			141	71	58	04	03		006	802 1402 71 RADAT 53148	008
SA	0450	80 SCT 250-BKN	20			147	68	61	05	06		007		008
SA	0550	80 SCT 250-BKN	20			147	69	56	33	03		007		008
SA	0650	250-BKN	20			150	71	56	09	06		008	207 1001	008
SA	0747	250-BKN	20			153	76	59	13	07		009	FEW CU 5E	008
SA	0846	250-BKN	20			152	78	60	09	04		009	FEW CU 5	008
SA	0947	250-BKN	20			152	80	60	16	05		009	103 1101 67	008
SA	1048	100 SCT 250-BKN	20			148	82	59	16	07		008		008
SA	1148	100 SCT 250-BKN	20			143	85	59	11	09		007		008
SA	1246	100 SCT 250-BKN	20			134	88	60	22	05		005	814 1201	008
SA	1350	E100 BKN 250 BKN	20			134	88	58	19	06		002		008
SA	1450	E100 BKN 250 BKN	20			121	88	57	15	06		001		008
SA	1550	E100 BKN 250 BKN	20			116	86	56	18	13		999	717 1201 89 RADAT 93144	WRG
SA	1650	E100 BKN 250 OVC	20			115	86	56	19	14		999	CB NW MOUD N TCU ALQDS	'
													RWU W	WRG
SA	1750	100 SCT E 230 OVC	20			120	84	56	22	13		000	CB N MOUD N	WRG
SA	1850	100 SCT E 230 OVC	20			123	82	58	21	10		001	303 1402	WRG
SA	1950	100 SCT E 230 BKN	20			136	80	58	23	11		002	CB DSNT W MOUD N OCNL LTGIC	WRG
SA	2050	E100 BKN 230 BKN	20			133	79	59	24	10		004		WRG
SA	2150	E80 BKN 230 BKN	20			131	79	59	22	03		004	110 1402 89	WRG
SA	2250	80 SCT 230 -BKN	20			131	78	59	00	00		004		WRG
SA	2350	80 SCT 230 SCT	20			134	76	58	17	04		005	OCNL LTGIC DSNT NW	WRG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 27

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.655	75.0	64.3	57	5	3	SC	80	2	CI	250	5								4	0	.025			00-01
01 50	26.655	72.0	63.3	63	3															3					01-02
02 50	26.655	71.2	62.8	64	3															3					02-03
03 50	26.650	71.0	62.6	64	3	2	SC	80	1	CI	250	3								3	8	.005			03-04
04 50	26.660	67.6	63.1	79	7															3					04-05
05 50	26.660	69.2	61.0	64	8															3					05-06
06 50	26.670	71.4	61.4	58	7	7	CI	250												3	2	.020			06-07
07 47	26.680	76.2	65.0	56	6															3					07-08
08 46	26.680	78.4	66.0	53	6															3					08-09
09 47	26.680	83.1	66.4	50	6	0	CU	100	6	CI	250	6								2	1	.010			09-10
10 48	26.670	82.0	66.8	47	8															3					10-11
11 48	26.660	85.2	67.8	42	8															3					11-12
12 46	26.640	87.5	68.7	40	8	4	CU	100	4	CI	250	8								4	8	.040			12-13
13 50	26.610	87.6	68.0	37	8															6					13-14
14 50	26.600	88.3	67.4	35	9															6					14-15
15 50	26.590	88.0	66.9	34	9	6	CU	E100	3	CI	250	9								8	7	.050			15-16
16 50	26.585	86.0	66.0	36	10															9					16-17
17 50	26.595	83.6	65.4	39	10															9					17-18
18 50	26.600	81.8	66.2	45	10	5	SC	100	5	CI	E230	10								9	3	.010			18-19
19 50	26.610	80.4	65.7	47	8															6					19-20
20 50	26.630	79.1	65.7	50	8															6					20-21
21 50	26.630	79.0	65.9	51	8	6	SC	E80	2	CI	230	8								7	1	.030			21-22
22 50	26.630	77.7	65.2	53	6															3					22-23
23 50	26.640	76.2	64.3	54	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 0342		0	0		75	71										
	0342	1	0	0	0	76	71		0								
	0940	2	0	0	0	82	67		0								
	1546	3	0	0	0	89	80		0								
	2146	4	0	0	0	88	79		0								
	MID.		0	0	0	80	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.680	26.590	26.630
BAROGRAPH 64	26.640	26.680	26.575	26.615
BAR. CORR. 65	+.010	±0	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	67	0	0	0	14	5	1642					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0816 ± 1 Sec. 2242P ± 1 Sec. ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 28

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. INITIALS (15)
SA	0050	80 SCT E230 BKN	20			131	76	59	05	05		004	000 1402	WRC
SA	0150	80 SCT 230 SCT	20			126	75	58	00	00		003	CB NW thru N Moving NE	/
–	–												FQT LTGIC	WRC
SA	0250	80 SCT 230 SCT	20			131	73	58	36	03		004	CB NW thru N Moving	/
–	–		–			–	–	–	–	–			NE FQT LTGIC	WRC
SA	0350	80 SCT 250 SCT	20			131	72	58	04	03		004	500 1402 72 RADAT 56147	008
SA	0450	80 SCT 250-BKN	20			137	70	59	07	02		005		008
SA	0549	80 SCT 250-BKN	20			142	71	59	23	05		006		008
SA	0648	80 SCT 250-BKN	20			144	76	58	23	04		007	210 1201	008
SA	0749	80 SCT 250-BKN	20			146	76	58	19	05		007		008
SA	0848	100 SCT 250 SCT	20			144	79	58	23	04		007		008
SA	0950	100 SCT 300 SCT	20			142	83	56	24	11		007	400 1209 70	008
SA	1047	100 SCT 300 SCT	20			143	84	54	24	10 G 15		007		008
SA	1149	100 SCT 300 SCT	20			134	87	54	22	12 G 18		005		008
SA	1248	100 SCT 300 SCT	20			126	88	53	23	08 G 15		003	814 1202	008
SA	1347	E100 BKN 300 BKN	20			122	89	52	24	13		002	TCU N NE E	008
SA	1443	E 100 BKN 300 BKN	20			115	90	51	19	12		999	TCU NE	008
SA	1550	E80 BKN	20			111	90	52	19	10 G 18		998	CB ALQDS Moving N 714	/
													1300 91 RADAT 92139	WRC
SA	1650	E80 BKN	20			114	87	53	19	12		998	CB N thru SE Moving N	WRC
SA	1750	E 80 BKN	20			114	86	52	19	11		998	CB N thru E Moving N	WRC
SA	1850	E 80 BKN	20			113	85	50	21	12		998	400 1300	WRC
SA	1950	80 SCT E150 BKN	20			125	82	52	21	04		002	CB Moving N	WRC
SA	2045	80 SCT E 150 BKN	20			128	81	53	16	03		003		WRC
SA	2150	100 SCT	20			126	81	53	15	08		003	114 1200 91	WRC
SA	2250	100 SCT	20			122	79	54	12	07		002		WRC
SA	2350	100 SCT	20			126	76	54	10	04		003		WRC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 28

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	26630	75.6	64.9	57	7	4	SC	80	3	Ci	E230	7								6	0	.000			00-01
01 50	26620	75.4	64.1	55	3															2					01-02
02 50	26630	72.5	63.1	61	2															2					02-03
03 50	26,630	72.1	63.0	62	3	2	SC	80	1	ci	250	3								2	5	.000			03-04
04 50	26,640	70.2	63.0	68	9															4					04-05
05 49	26.650	71.0	63.2	66	9															4					05-06
06 48	26.660	75.7	64.0	54	9	4	cu	80	5	ci	250	9								4	2	.030			06-07
07 49	26,660	75.8	64.2	54	7															3					07-08
08 48	26.660	79.2	65.2	49	5															3					08-09
09 50	26.660	83.2	65.4	40	5	2	cu	100	3	cc	300	5								5	4	.000			09-10
10 47	26.660	84.3	64.8	36	5															5					10-11
11 49	26.640	86.8	65.3	32	3															2					11-12
12 48	26.620	88.3	65.5	30	5	3	cu	100	2	ci	300	5								4	8	.040			12-13
13 47	26.610	88.7	65.0	28	7															6					13-14
14 43	26.590	89.6	65.0	27	7															6					14-15
15 50	26.580	89.7	65.3	27	7	7	CB	E80												7	7	.040			15-16
16 50	26.580	87.2	65.2	31	8															8					16-17
17 50	26.580	86.0	64.1	31	7															7					17-18
18 50	26580	84.5	63.1	31	6	6	CB	E80												6	4	.000			18-19
19 50	26610	81.2	63.0	36	6															6					19-20
20 45	26.620	80.9	63.0	38	6															6					20-21
21 50	26.620	81.2	63.0	37	5	5	cu	100												5	1	.040			21-22
22 50	26.610	78.7	62.8	42	5															5					22-23
23 50	26.620	76.2	62.3	47	2															2					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341		0	0		76	72										
	0341	1	0	0	0	80	72		0								
	0948	2	0	0	0	85	70		0								
	1546	3	0	0	6	91	83		0								
	2146	4	0	0	0	90	80		0								
	MID.		0	0	0	81	76										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.660	26.580	26.620
BAROGRAPH 64	26.620	26.660	26.575	26.605
BAR. CORR. 65	+.010	±0	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	70	0	0	0	20	SW	1254					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0651P ±1 Sec. 2146P ±1 Sec. ± Sec.

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 29

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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	0050	100 SCT	20			122	76	55	05	11		002	803 1400	WRG
SA	0150	CLR	20			126	75	56	03	04		003	FEW Sc SE	WRG
SA	0250	CLR	20			127	72	56	00	00		003		WRG
SA	0347	CLR	20			127	72	56	04	04		003	103 71 RADAT 49139	JK
SA	0446	CLR	20			128	70	57	10	04		003	ACW CIE	JK
SA	0545	CLR	20			138	69	56	12	04		005		JK
SA	0648	CLR	20			137	73	56	31	02		005	107 1001	JK
SA	0746	CLR	20			135	77	56	09	03		005		JK
SA	0845	CLR	20			134	80	57	10	02		005	Cu S Ci NW	JK
SA	0948	CLR	20			138	85	54	36	02		006	303 1101 69	JK
SA	1045	90 SCT 250 SCT	20			129	89	51	20	09	G22	004		JK
SA	1145	90 SCT 250 SCT	20			126	90	51	22	16	G28	003		JK
SA	1247	90 SCT 250 SCT	20			120	91	47	19	18		002	814 1201	JK
SA	1348	90 SCT 250 SCT	20			114	91	50	20	20		999	TCu NE AND SE	JK
SA	1445	90 SCT E250 BKN	20			112	92	47	22	11	G22	998	TCu N	JK
SA	1549	250-BKN	20			104	90	45	20	15	G20	997	717 1101 93	JC
SA	1650	250-SCT	20			105	89	44	20	11		997	FEW Cu E RADAT 34150	JC
SA	1745	CLR	20			106	87	47	20	08		997	FEW Ci NW	JC
SA	1849	CLR	20			106	84	48	12	09		997	400	JC
SA	1949	CLR	20			114	81	48	12	05		999		JC
SA	2047	CLR	20			116	79	48	12	04		000	~~HO~~	JC
SA	2149	CLR	20			115	79	47	10	05		000	110 93	JC
SA	2248	CLR	20			113	78	49	00	00		000		JC
SA	2349	CLR	20			118	73	46	01	06		001		JC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 29

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.610	76.3	62.6	48	1	1	Sc	100												1	8	.010			00-01
01 50	26.620	75.0	62.7	52	0															0					01-02
02 50	26.620	72.2	62.0	58	0															0					02-03
03 47	26.620	72.0	62.0	58	0															0	1	.010			03-04
04 46	26.620	69.8	61.6	64	0															0					04-05
05 45	26.640	68.9	61.2	66	0															0					05-06
06 48	26.640	72.9	62.1	56	0	0	Ci	250												0	1	.020			06-07
07 46	26.640	77.1	63.5	48	0															0					07-08
08 45	26.640	80.1	64.8	45	0															0					08-09
09 48	26.650	84.5	64.9	35	0	0	Cu	90	0	Ci	250	0								0	3	.010			09-10
10 45	26.630	89.0	65.0	28	2															2					10-11
11 45	26.620	90.2	65.1	26	2															2					11-12
12 47	26.610	91.1	64.0	22	2	1	Cu	90	1	Ci	250	2								2	8	.040			12-13
13 48	26.590	91.0	65.0	25	3															3					13-14
14 45	26.580	91.6	64.0	22	9															6					14-15
15 49	26.560	90.1	62.7	21	9	0	Cu	90	9	Ci	250	9								4	7	.050			15-16
16 50	26.560	89.0	61.9	21	3															1					16-17
17 45	26.560	87.0	62.4	25	0															0					17-18
18 49	26.560	83.7	61.7	29	0															0	4	.000			18-19
19 49	26.580	81.0	60.5	31	0															0					19-20
20 47	26.590	79.0	60.0	33	0															0					20-21
21 49	26.590	79.3	60.0	33	0															0	1	.030			21-22
22 48	26.580	77.8	60.0	36	0															0					22-23
23 49	26.600	73.2	57.4	38	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		76	71										
	0344	1	0	0	0	81	71		0								
	0945	2	0	0	0	85	69		0								
	1545	3	0	0	0	93	84		0								
	2145	4	0	0	0	92	78		0								
	MID.		0	0	0	79	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.650	26.560	26.590
BAROGRAPH 64	26.600	26.650	26.560	26.575
BAR. CORR. 65	+.020	±.0 *	±0	+.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
93	69	0	0	0	35	5	1253					2	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: 0515 ✓ Sec. / 1917 ✓ Sec. / ± Sec.

* BAROGRAPH CHANGED SET TO ZERO

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 30

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4)	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	0047	CLR	20			113	77	46	10	06		000	000	JC
SA	0145	CLR	20			107	78	48	22	10		999		JC
SA	0250	CLR	20			115	73	48	19	05		000		JC
SA	0348	CLR	20			116	72	46	21	05		000	500 72 RADAT 20147	JK
SA	0447	CLR	20			121	68	48	30	02		001	CI SE	JK
SA	0548	200-SCT	20			131	67	48	36	03		003		JK
SA	0649	200 SCT	20			134	73	48	01	02		004	314 1005	JK
SA	0747	250 SCT	20			137	77	48	31	02		005		JK
SA	0849	250-SCT	20			139	81	48	24	09		006		JK
SA	0947	250-SCT	20			137	85	44	22	14		006	107 100 5 67	JK
SA	1046	250-SCT	20			129	88	40	23	15		004		JK
SA	1148	250-SCT	20			127	89	39	23	10	G21	003		JK
SA	1253	250-SCT	20			125	90	40	19	14		003	610 1001	JK
SA	1346	CLR	20			112	92	37	19	16	G27	999	CI N AND SE	JK
SA	1445	CLR	20			111	91	32	21	14		998	CI SE	JK
SA	1549	CLR	20			108	89	35	21	17	G22	998	612 1001 93 RADAT	JC
/													20155	/
SA	1646	CLR	20			110	89	38	20	12		998	FEW CI SE	JC
SA	1747	CLR	20			111	86	38	19	10		998		JC
SA	1845	CLR	20			114	82	42	19	08		999	303 1001	JC
SA	1949	CLR	20			122	79	43	12	06		001		JC
SA	2050	250-SCT	20			125	76	41	12	07		002		JC
SA	2149	250-BKN	20			125	73	43	07	04		002	110 1001 93	JC
SA	2250	250-BKN	20			125	71	44	09	05		002		JC
SA	2345	250-BKN	20			128	69	43	10	04		003		JC

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

FM12-VII: Iiiii $i_R i_X h$VV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8$N_hC_LC_MC_H$

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 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 47	26.590	77.2	58.8	33	0															0	0	.000			00-01
01 45	26.580	78.0	59.8	35	0															0					01-02
02 50	26.590	72.7	58.0	42	0															0					02-03
03 48	26.590	72.0	57.0	40	0															0	5	.000			03-04
04 47	26.600	67.7	56.1	49	0															0					04-05
05 48	26.620	66.9	55.9	51	1															0					05-06
06 49	26.630	73.1	58.1	41	4	4	CS	200												3	3	.040			06-07
07 47	26.640	77.1	59.5	36	4															3					07-08
08 49	26.650	80.5	60.9	33	3															1					08-09
09 47	26.650	84.7	60.6	24	3	3	CS	250												1	1	.020			09-10
10 46	26.630	87.6	60.1	19	5															2					10-11
11 48	26.620	89.0	60.4	18	2															1					11-12
12 53	26.620	90.0	61.0	18	1	1	CI	250												0	6	.030			12-13
13 46	26.590	91.5	60.4	15	0															0					13-14
14 45	26.580	91.1	59.1	13	0															0					14-15
15 49	26.570	89.0	59.0	15	0	0	CI	250												0	6	.050			15-16
16 46	26.570	88.7	59.7	16	0															0					16-17
17 47	26.570	86.4	59.0	18	0															0					17-18
18 48	26.580	81.8	58.8	24	0	0	CI	250												0	3	.010			18-19
19 49	26.600	78.7	58.0	28	0															0					19-20
20 50	26.610	76.2	56.2	28	2															0					20-21
21 49	26.610	73.0	55.7	33	7	7	CI	250												2	1	.030			21-22
22 50	26.610	70.7	55.4	38	8															2					22-23
23 45	26.620	68.8	54.4	40	7															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 0345		0	0		78	72										
	0345	1	0	0	0	79	72		0								
	0944	2	0	0	0	85	67		0								
	1545	3	0	0	0	93	84		0								
	2145	4	0	0	0	90	73		0								
	MID.		0	0	0	74	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1546	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.650	26.570	26.610
BAROGRAPH 64	26.580	26.640	26.555	26.595
BAR. CORR. 65	+.010	+.010	+.015	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	67	0	0	0	27	5	1344					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: 0700 P ± /Sec./ 1908 P ± /Sec./ ± Sec.

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

MF 1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 31

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)	OBSERVER'S INITIALS (15)
SA	0049	250-SCT	20			129	66	43	10	03		003	203 1001	JC
SA	0150	250-SCT	20			128	65	44	11	05		003		JC
SA	0245	250-BKN	20			129	64	43	14	04		003		JC
SA	0349	250-SCT	20			135	64	43	00	00		004	303 100163 RADAT 20148	JK
SA	0445	250-BKN	20			138	64	42	07	03		005		JK
SA	0548	250-BKN	20			147	63	43	09	03		008		JK
SA	0645	250-SCT	20			156	67	42	00	00		010	217 1001	JK
SA	0749	250-SCT	20			154	74	42	00	00		010		JK
SA	0845	250-BKN	20			157	79	40	18	02		011		JK
SA	0948	E250 BKN	20			161	83	41	20	02		012	307 1006 62	JK
SA	1047	250-BKN	20			156	86	43	19	06		011		JK
SA	1149	250-OVC	20			152	90	39	27	10		010		JK
SA	1247	E250 OVC	20			153	90	38	24	08		010	607 1077	JK
SA	1345	E250 OVC	20			146	91	37	26	07		008	AC SE	JK
SA	1445	E250 OVC	20			146	93	30	24	09		008	AC SE THRU S	JK
SA	1549	E250 OVC	20			141	91	36	23	12		007	610 1077 93 RADAT	JC
/													37143	/
SA	1650	140 SCT E250 OVC	20			142	90	27	24	05		007		JC
SA	1744	140 SCT E250 BKN	20			142	89	29	23	06		007		JC
SA	1845	250-SCT	20			149	81	32	34	05		008	303 1071	JC
SA	1948	250-SCT	20			155	76	33	05	06		010		JC
SA	2046	250-BKN	20			160	76	37	11	06		012		JC
SA	2149	E250 OVC	20			164	70	37	11	02		013	117 1004 93	JC
SA	2250	E250 OVC	20			163	69	34	07	03		013		JC
SA	2344	250-OVC	20			167	66	35	00	00		014		JC

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 AUG 31

To convert LST to GMT ADD 5 hrs. SUBTRACT ___ hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.620	65.8	53.2	44	1	1	Ci	250												0	2	.010			00-01
01 50	26.620	65.0	53.0	46	4															1					01-02
02 45	26.620	63.7	52.4	48	6															2					02-03
03 49	26.630	63.5	52.1	47	5	5	Ci	250												1	3	.010			03-04
04 45	26.640	64.1	52.1	45	6															2					04-05
05 48	26.660	63.2	52.2	48	6															2					05-06
06 45	26.680	67.3	53.1	39	4	4	Ci	250												2	2	.050			06-07
07 49	26.680	74.0	56.0	32	5															2					07-08
08 45	26.690	79.1	57.0	25	7															3					08-09
09 48	26.700	82.5	58.5	23	8	8	CS	E250												5	3	.020			09-10
10 47	26.690	86.2	60.8	22	8															4					10-11
11 49	26.680	89.5	60.4	17	10															4					11-12
12 47	26.680	89.8	60.2	16	10	0	AC	180	10	CS	E250	10								7	6	.020			12-13
13 45	26.660	90.8	60.2	15	10															8					13-14
14 45	26.660	92.9	59.1	11	10															6					14-15
15 49	26.650	91.0	60.0	14	10	0	AC	140	10	CS	E250	10								9	6	.030			15-16
16 50	26.650	87.6	52.2	10	10															7					16-17
17 44	26.650	89.3	52.2	12	8															5					17-18
18 45	26.660	81.0	55.2	17	2	0	AC	140	2	Ci	250	2								0	3	.010			18-19
19 48	26.680	75.8	53.4	21	5															2					19-20
20 46	26.700	76.2	53.0	19	9															4					20-21
21 49	26.710	70.2	52.4	29	10	10	Ci	E250												7	1	.050			21-22
22 50	26.710	69.0	51.0	27	10															6					22-23
23 44	26.720	66.3	50.3	31	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344		0	0		69	63										
	0344	1	0	0	0	74	63		0								
	0945	2	0	0	0	84	62		0								
	1545	3	0	0	0	93	82		0								
	2145	4	0	0	0	92	70		0								
	MID.		0	0	0	70	66										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.630	26.700	26.650	26.710
BAROGRAPH 64	26.610	26.690	26.640	26.680
BAR. CORR. 65	+.020	+.010	+.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 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	62	0	0	0	20	SW	1307					8	7		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0650P ± 1 Sec. / 1936P ± 1 Sec. / ± Sec.