WS FORM F-6
(9-76)

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

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

STATION: DESERT ROCK, NV

MONTH: July

YEAR: 1982

LATITUDE: 36° 37' N

LONGITUDE: 116° 01' W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: Pacific

DAY	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	DEGREE DAYS (Base 65°) HEATING	COOLING	PRECIPITATION (In.) TOTAL (Water equivalent)	SNOWFALL, ICE PELLETS	SNOW, ICE PELLETS OR ICE ON GROUND AT 0400	WIND AVERAGE SPEED ~~(mph)~~ (knots)	~~FASTEST MILE~~ Peak Speed SPEED ~~(m.p.h.)~~ (knots)	DIRECTION	~~SUNSHINE~~ ~~TOTAL (Min.)~~ Ave. Stn. Pressure	~~PERCENT OF POSSIBLE~~ POSSIBLE	SKY COVER SUNRISE TO SUNSET (Tenths)	WEATHER OCCURRENCES	Relative Humidity @ 0400	1000	1600	2200
1	84	51	68			3				5.8	18	SW	26.5	63	2		61	27	21	27
2	90	56	73			8				7.9	28	SW	26.5	98	0		35	19	17	23
3	92	65	79			14				10.6	32	S	26.5	43	0		31	29	13	15
4	90	69	80			15				14.0	30	S	26.4	55	6		20	21	13	20
5	87	62	75			10				7.2	20	SW	26.5	00	7		37	24	19	24
6	92	62	77			12				9.6	26	SW	26.5	66	0		31	17	16	19
7	90	70	80			15				12.8	31	SW	26.5	86	2		37	32	19	38
8	91	70	81			16				11.5	31	SW	26.5	83	6		30	29	15	15
9	95	66	81			16				6.5	21	SW	26.6	11	0		32	17	14	18
10	99	63	81			16				7.0	24	W	26.5	79	0		25	15	11	15
11	101	66	84			19				6.3	18	W	26.5	66	0		22	13	11	13
12	102	66	84			19				6.6	25	SW	26.5	66	0		16	10	9	11
13	100	70	85			20				10.9	30	S	26.5	39	0		20	15	10	13
14	101	68	85			20				9.3	28	SW	26.4	80	0		22	16	13	19
15	99	68	84			19				10.9	31	SW	26.4	35	0		22	17	7	12
16	96	74	85			20				13.7	35	S	26.4	55	0		19	10	7	11
17	95	68	82			17				10.5	26	SW	26.5	04	3		27	17	8	22
18	98	66	82			17				7.9	28	S	26.5	59	0		24	13	13	19
19	100	68	84			19				6.3	22	SW	26.5	64	0		28	19	12	13
20	102	68	85			20				7.6	27	SW	26.5	78	0		20	11	8	14
21	104	69	87			22				8.4	23	SW	26.6	08	2		20	15	13	21
22	102	80	91			26				11.2	25	S	26.6	06	5		23	15	17	33
23	100	79	90			25	T			11.8	30	E	26.5	81	10	RW	38	23	29	32
24	81	69	75			10	.09			5.0	10	SW	26.6	28	9	R, RW	48	71	51	71
25	90	67	79			14				7.0	20	E	26.6	49	8	T	72	42	29	47
26	83	75	79			14	.01			7.7	22	NE	26.6	83	9	RW	57	54	63	54
27	87	65	76			11	1.57			5.6	15	SW	26.7	13	5	T, RW	100	71	39	71
28	99	72	86			21	.05			6.8	36	N	26.6	64	1	T, RW	76	41	20	38
29	102	76	89			24				7.8	19	NE	26.6	30	1		46	27	16	35
30	104	79	92			27				6.8	17	N	26.6	36	2		34	21	15	26
31	107	76	92			27				5.5	18	SE	26.6	15	1		33	19	14	23
SUM	2963	2123	—	—	0	536	1.72	0	—	266.5	—	—	823.8	43	79	—	1106	770	562	812
AVG	95.6	68.5	—	—	—	—	—	—	—	8.6	FASTEST	DIRECTION	POSSIBLE	%	2.6	—	35.7	24.8	18.1	26.2
										MISC. →	36	N	26.5	76		—	—	—	—	—

TEMPERATURE DATA

AVERAGE MONTHLY 82.0

DEPARTURE FROM NORMAL —

HIGHEST 107 ON 31

LOWEST 51 ON 1

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 536

DEPARTURE FROM NORMAL —

SEASONAL TOTAL 1004

DEPARTURE FROM NORMAL —

PRECIPITATION DATA

TOTAL FOR THE MONTH 1.72 IN.

DEPARTURE FROM NORMAL — IN.

GREATEST ~~IN 24 HRS.~~ Daily 1.57 ON 27

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST ~~IN 24 HRS.~~ Daily 0 ON —

GREATEST DEPTH ON GROUND 0 ON —

WEATHER

NUMBER OF DAYS –

CLEAR (Scale 0–3) 22

PARTLY CLOUDY (Scale 4–7) 5

CLOUDY (Scale 8–10) 4

WITH 0.01 INCH OR MORE PRECIP. 4

WITH 0.10 INCH OR MORE PRECIP. 1

WITH 0.50 INCH OR MORE PRECIP. 1

WITH 1.00 INCH OR MORE PRECIP. 1

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~~ 26.760 IN. ON 27

LOWEST ~~SEA LEVEL~~ 26.380 IN. ON 4, 15

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

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

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 JUL 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 (Inx.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			090	60	38	05	04		987	207	SH
SA	0145	CLR	20			099	57	37	05	06		990		SH
SA	0245	CLR	20			103	54	37	06	03		991		SH
SA	0347	CLR	20		113	~~103~~	51	38	06	04		993	217 51 RADAT 48111	CG
SA	0448	CLR	20			125	52	38	04	05		996		CG
SA	0548	CLR	20			124	58	35	19	03		997		CG
SA	0646	CLR	20			126	64	38	26	02		998	317	CG
SA	0745	CLR	20			129	67	38	27	04		999		CG
SA	0846	CLR	20			129	70	38	32	06		999		CG
SA	0947	CLR	20			128	74	38	34	05		999	103 1008 51	CG
SA	1048	CLR	20			128	77	37	35	05		999		CG
SA	1149	CLR	20			124	78	37	21	08		998		CG
SA	1247	CLR	20			123	81	31	27	03		998	803 1001	CG
SA	1347	CLR	20			120	83	35	21	10		997		CG
SA	1447	CLR	20			116	83	33	26	08		996		CG
SA	1549	250 -SCT	20			116	81	37	24	07		995	710 1101 84 RADAT 37136	SH
SA	1645	250 -BKN	20			110	82	37	25	10		994		SH
SA	1746	250 -BKN	20			108	81	36	22	08		994		SH
SA	1845	250 -BKN	20			110	78	35	25	10		995	500 1008	SH
SA	1946	250 -SCT	20			115	75	35	24	08		996		SH
SA	2047	CLR	20			122	71	36	25	05		998		SH
SA	2147	CLR	20			122	68	33	36	05		998	110 84	SH
SA	2245	CLR	20			128	65	31	05	06		999		SH
SA	2345	CLR	20			121	65	32	04	04		998		SH

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 1

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.480	60.2	48.6	43	0															0	2	.020			00-01
01 45	26.500	56.6	46.7	48	0															0					01-02
02 45	26.510	54.4	45.7	52	0															0					02-03
03 47	26.530	57.1	44.6	61	0															0	2	.050			03-04
04 48	26.560	57.9	44.7	58	0															0					04-05
05 48	26.570	57.8	46.5	43	0															0					05-06
06 46	26.580	63.9	50.1	38	0															0	3	.050			06-07
07 45	26.590	66.8	51.5	35	0															0					07-08
08 46	26.590	70.0	52.6	30	0															0					08-09
09 47	26.590	73.6	54.1	27	0	0	CS	250												0	1	.010			09-10
10 48	26.590	76.6	55.1	24	0															0					10-11
11 49	26.580	77.7	55.4	23	0															0					11-12
12 47	26.580	81.1	55.0	16	0	0	CI	250												0	8	.010			12-13
13 47	26.570	82.9	56.7	18	0															0					13-14
14 47	26.560	83.1	56.3	16	0															0					14-15
15 49	26.550	80.6	56.7	21	1	0	CU	90	1	CI	250	1								0	7	.030			15-16
16 45	26.540	81.6	57.0	20	7															1					16-17
17 46	26.540	80.6	56.2	20	8															1					17-18
18 45	26.550	78.3	55.0	21	8	8	CS	250												1	5	.000			18-19
19 46	26.560	74.6	53.6	24	5															0					19-20
20 47	26.580	71.4	52.6	27	0															0					20-21
21 47	26.580	68.4	50.5	27	0															0	1	.030			21-22
22 45	26.590	64.6	48.3	28	0															0					22-23
23 45	26.580	64.6	48.6	29	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	61	51	X	X						X		
	0343	1	0	0	0	64	51		0								
	0944	2	0	0	0	74	51		0								
	1542	3	0	0	0	84	74		0								
	2143	4	0	0	0	82	68		0								
	MID.	X	0	0	0	68	64	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.530	26.590	26.550	26.580
BAROGRAPH 64	26.500	26.590	26.540	26.575
BAR. CORR. 65	+.030	*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
84	51	0	0	0	18	SW	1408					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: 0833 PST -1 SEC 1705 -1 SEC

* BAROGRAPH CHART CHANGED AND RESET TO ZERO CORR.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 2

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SENDER'S INITIALS (15)
SA	0045	CLR	20			121	63	32	05	07		998	000	SH
SA	0145	CLR	20			123	62	33	11	03		999		SH
SA	0245	CLR	20			125	60	32	11	04		999		SH
SA	0347	CLR	20			131	58	31	12	04		001	207 58 RADAT 20141	CG
SA	0445	CLR	20			138	57	31	08	03		003		CG
SA	0550	CLR	20			138	66	32	11	02		004		CG
SA	0645	CLR	20			142	70	30	11	03		005	214	CG
SA	0745	CLR	20			144	75	34	31	02		006		CG
SA	0845	CLR	20			143	79	34	26	04		006		CG
SA	0948	CLR	20			143	83	37	21	08		006	103 56	CG
SA	1047	CLR	20			140	85	40	23	14		005		CG
SA	1147	CLR	20			132	87	39	23	13	G23	003		CG
SA	1246	CLR	20			132	88	37	21	13	G22	003	610	CG
SA	1345	CLR	20			124	89	39	21	15	G24	001		CG
SA	1446	CLR	20			118	87	39	21	09	G19	998		CG
SA	1547	CLR	20			116	88	39	20	11		997	617 1040 90 RADAT 29147	SH
SA	1646	CLR	20			112	88	38	20	12	G23	996		SH
SA	1748	CLR	20			108	87	36	21	13	G21	996		SH
SA	1845	CLR	20			108	84	36	20	12		996	603 1040	SH
SA	1945	CLR	20			107	81	37	18	09		996		SH
SA	2045	CLR	20			110	78	37	14	08		997		SH
SA	2145	CLR	20			109	76	36	18	08		997	103 90	SH
SA	2245	CLR	20			109	75	35	15	05		997		SH
SA	2345	CLR	20			111	77	35	21	08	G23	998		SH

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 2

To convert LST to GMT ADD 8 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	26.580	62.5	47.5	32	0															0	0	.000			00-01
01 45	26.590	62.2	47.7	33	0															0					01-02
02 45	26.590	60.4	46.6	34	0															0					02-03
03 47	26.600	58.0	45.1	35	0															0	2	.020			03-04
04 45	26.620	56.9	44.7	38	0															0					04-05
05 50	26.630	65.9	49.1	28	0															0					05-06
06 45	26.640	70.1	50.3	22	0															0	2	.040			06-07
07 45	26.650	75.1	53.6	23	0															0					07-08
08 45	26.650	79.3	55.1	19	0															0					08-09
09 48	26.650	83.1	57.6	19	0															0	1	.010			09-10
10 47	26.640	84.9	59.1	20	0															0					10-11
11 47	26.620	86.8	59.5	19	0															0					11-12
12 46	26.620	88.4	59.3	16	0															0	6	.030			12-13
13 45	26.600	88.9	60.1	17	0															0					13-14
14 46	26.580	88.9	60.1	17	0															0					14-15
15 47	26.570	88.4	60.0	17	0	0	ABSL	160												0	6	.050			15-16
16 46	26.560	88.0	59.6	17	0															0					16-17
17 48	26.560	87.0	58.6	16	0															0					17-18
18 45	26.560	84.0	57.6	18	0	0	ABSL	160												0	6	.010			18-19
19 45	26.560	81.0	56.6	20	0															0					19-20
20 45	26.570	78.3	55.6	22	0															0					20-21
21 46	26.570	76.2	54.6	23	0															0	1	.010			21-22
22 45	26.570	75.4	54.0	23	0															0					22-23
23 45	26.580	77.0	54.3	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	65	58	X	X						X		
	0843	1	0	0	0	68	58		0								
	0944	2	0	0	0	83	56		0								
	1542	3	0	0	0	90	83		0								
	2141	4	0	0	0	88	76		0								
	MID.	X	0	0	0	77	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1544	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.650	26.570	26.570
BAROGRAPH 64	26.600	26.650	26.570	26.570
BAR. CORR. 65	±0	±0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
90	56	0	0	0	28	SW	1203					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: 0923 PST -1 SEC 1840 -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 3

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (15)
SA	0048	CLR	20			110	76	36	21	12	G20	998	103	SH
SA	0146	CLR	20			106	74	39	21	10		997		SH
SA	0246	CLR	20			113	71	35	15	05		998		SH
SA	0346	CLR	20			113	68	36	03	05		998	500 68 RADAT 20144	CG
SA	0446	CLR	20			115	65	35	04	05		998		CG
SA	0545	CLR	20			116	74	36	13	06		999		CG
SA	0646	CLR	20			119	77	37	25	07		001	307	CG
SA	0745	CLR	20			120	79	42	25	11		001		CG
SA	0846	CLR	20			118	84	39	18	06		001		CG
SA	0949	CLR	20			119	86	49	18	14	G23	001	400 65	CG
SA	1045	CLR	20			116	87	47	18	17	G28	999		CG
SA	1146	CLR	20			110	88	34	18	13	G24	998		CG
SA	1247	CLR	20			103	90	28	19	12	G21	996	714 1101	CG
SA	1346	CLR	20			096	91	32	20	15	G24	994		CG
SA	1445	CLR	20			088	91	32	20	14	G23	992		CG
SA	1547	CLR	20			083	90	34	21	09	G22	990	720 1001 92 RADAT 32144	SH
SA	1647	CLR	20			081	89	36	20	14	G25	988		SH
SA	1746	CLR	20			074	88	35	19	16	G28	987		SH
SA	1846	CLR	20			074	85	34	17	12		987	607 1001	SH
SA	1945	CLR	20			074	81	38	20	09		987		SH
SA	2048	CLR	20			076	79	25	19	06		988		SH
SA	2146	CLR	20			077	78	27	19	10		988	103 92	SH
SA	2246	CLR	20			072	78	23	14	10		987		SH
SA	2347	CLR	20			060	78	20	18	16	G30	984		SH

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 3

To convert LST to GMT ADD 8 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	26.580	75.5	57.3	24	0															0	1	.010			00-01
01 46	26.570	73.7	54.7	28	0															0					01-02
02 46	26.580	71.0	52.3	27	0															0					02-03
03 46	26.580	68.1	51.4	31	0															0	5	.000			03-04
04 46	26.580	64.7	49.5	33	0															0					04-05
05 45	26.590	74.2	53.8	25	0															0					05-06
06 46	26.600	76.8	55.1	24	0															0	3	.020			06-07
07 45	26.600	79.1	57.7	27	0															0					07-08
08 46	26.600	84.3	58.5	20	0															0					08-09
09 49	26.600	85.5	63.0	29	0															0	4	.000			09-10
10 45	26.590	86.9	62.1	25	0															0					10-11
11 46	26.580	88.3	58.5	15	0															0					11-12
12 47	26.560	89.6	57.4	11	0	0	CU	70	0	CI	250	0								0	7	.040			12-13
13 46	26.540	90.7	58.8	12	0															0					13-14
14 45	26.520	91.2	59.0	12	0															0					14-15
15 47	26.500	90.0	59.0	13	0	0	CI	250												0	7	.060			15-16
16 47	26.490	89.0	59.4	16	0															0					16-17
17 46	26.480	87.5	58.6	16	0															0					17-18
18 46	26.480	84.4	57.3	17	0	0	CI	250												0	6	.020			18-19
19 45	26.480	81.4	57.2	21	0															0					19-20
20 48	26.490	78.7	52.5	14	0															0					20-21
21 46	26.490	78.4	53.0	15	0															0	1	.010			21-22
22 46	26.480	77.6	51.6	13	0															0					22-23
23 47	26.450	78.0	51.2	11	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	77	68	X	X						X		
	0343	1	0	0	0	77	68		0								
	0944	2	0	0	0	86	65		0								
	1541	3	0	0	0	92	86		0								
	2142	4	0	0	0	90	78		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0948	1543	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.600	26.500	26.490
BAROGRAPH 64	26.580	26.600	26.500	26.490
BAR. CORR. 65	0	0	±0	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
92	65	0	0	0	32	5	2351					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: 0735PST -1 SEC 1940P - 1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 04

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0048	250 SCT	20			064	76	23	20	16 G 28		985	510 1008	SH
SA	0148	250 SCT	20			061	73	33	19	15 G 25		994		SH
SA	0245	250 SCT	20			061	74	29	19	16 G 28		994		SH
SA	0349	250 SCT	20			069	74	30	24	10 G 20		996	303 1048 73 RADAT 22137	CRD
SA	0447	E250 BKN	20			079	70	35	24	06		988	ACSL SW	CRD
SA	0546	180 SCT 250 SCT E300 BKN	20			084	70	36	26	09		990	ACSL SW	CRD
SA	0647	180 SCT E250 BKN 300 BKN	20			083	73	35	23	12 G 20		990	ACSL SW / 110 1546	CRD
SA	0749	180 SCT 250 SCT E300 BKN	20			092	76	36	22	14		992	ACSL SW	CRD
SA	0849	300 SCT	20			092	77	36	23	14 G 24		992	ACSL SW	CRD
SA	0948	300 SCT	20			088	80	36	23	13 G 20		991	ACSL SW/003 1048 69	CRD
SA	1046	300 SCT	20			084	83	35	20	14 G 30		991	ACSL SW-W	CRD
SA	1146	E300 BKN	20			076	85	33	23	17 G 24		988	ACSL SW	CRD
SA	1248	300 SCT	20			066	85	31	22	16 G 21		985	817 1108	CRD
SA	1347	300 SCT	20			060	86	27	20	19 G 28		983		CRD
SA	1450	300 SCT	20			054	87	26	21	18 G 27		982		CRD
SA	1550	160 SCT 300 - SCT	20			047	87	31	20	12 G 22		980	717 1048 90 RADAT 36138	WRG
SA	1650	160 SCT 300 - BKN	20			042	85	32	22	14 G 24		978	ACSL SE	WRG
SA	1750	300 - OVC	20			039	83	32	19	18 G 28		977		WRG
SA	1850	300 - OVC	20			047	81	28	18	12 G 20		979	503 1007	WRG
SA	1950	300 - BKN	20			050	78	30	20	13		980		WRG
SA	2050	300 SCT	20			054	76	30	21	19		981	FEW AC SE	WRG
SA	2150	160 SCT	20			058	75	31	21	14		982	210 1070 90	WRG
SA	2250	160 SCT 300 - SCT	20			058	73	33	21	12 G 20		982		WRG
SA	2350	300 SCT	20			054	71	35	23	14 G 22		981		WRG

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 4

To convert LST to GMT ADD 8 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	26.460	76.4	51.2	14	1	1	CS	250												1	5	.030			00-01
01 48	26.450	73.2	52.3	22	2															2					01-02
02 45	26.450	74.0	51.7	19	4															3					02-03
03 49	26.470	73.5	51.6	20	4	0	ACSL	160	4	CS	250	4								3	3	.010			03-04
04 47	26.490	70.0	51.8	28	7															4					04-05
05 46	26.500	70.3	52.2	29	8															6					05-06
06 47	26.500	73.2	53.2	25	9	0	SC	100	3	AC	180	3	3	CS	E250	6	3	CS	300	9	1	.030			06-07
07 49	26.520	76.1	54.4	23	6															6					07-08
08 49	26.520	77.3	55.0	22	2															2					08-09
09 49	26.510	80.2	56.2	21	2	0	ACSL	180	2	CS	300	2								2	0	.010			09-10
10 46	26.510	82.9	56.7	18	5															4					10-11
11 46	26.490	85.0	57.0	15	6															5					11-12
12 48	26.460	85.3	56.7	14	5	0	CU	90	5	CS	300	5								4	8	.050			12-13
13 47	26.490	86.3	56.0	12	2															2					13-14
14 50	26.430	86.8	55.8	11	3															2					14-15
15 50	26.410	87.4	57.4	13	4	1	AC	160	3	CS	300	4								2	7	.050			15-16
16 50	26.390	85.0	56.6	15	7															3					16-17
17 50	26.390	83.4	56.0	15	10															4					17-18
18 50	26.400	80.9	54.1	14	10	10	CS	300												4	5	.010			18-19
19 50	26.410	76.2	53.5	17	9															4					19-20
20 50	26.420	76.2	52.8	18	5															3					20-21
21 50	26.430	74.7	52.5	20	1	1	AC	160												1	2	.030			21-22
22 50	26.430	73.0	52.3	23	3															1					22-23
23 50	26.420	71.2	52.2	26	1															1					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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TP 0343	X	0	0	X	78	73	X	X						X		
	0343	1	0	0	0	79	73		0								
	0944	2	0	0	0	81	69		0								
	1546	3	0	0	0	90	80		0								
	2146	4	0	0	0	87	75		0								
	MID.	X	0	0	0	75	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0946	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.510	26.410	26.430
BAROGRAPH 64	26.470	26.510	26.410	26.420
BAR. CORR. 65	0	0	±0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	69	0	0	0	30	S	1037					6	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK: 0800P -1 SEC / 2320 -1 SEC

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 5

TO CONVERT LST TO GMT: ADD 3 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	300 SCT	20			055	68	35	26	11		981	603 1005	WRG
SA	0150	CLR	20			054	68	35	23	12G	20	981		WRG
SA	0250	CLR	20			063	65	38	25	07		983		WRG
SA	0347	300 SCT	20			067	64	37	30	08		984	310 1008 64 RADAT 38127	CRD
SA	0445	300 SCT	20			077	63	36	31	05		986		CRD
SA	0545	300-SCT	20			084	65	37	31	05		988		CRD
SA	0646	300-SCT	20			095	68	40	31	03		992	224 1005	CRD
SA	0745	300-BKN	20			103	71	38	22	08		994		CRD
SA	0847	300-BKN	20			102	74	37	18	07		994		CRD
SA	0949	90 SCT 300-BKN	20			099	76	37	15	04		994	005 1108 62	CRD
SA	1049	90 SCT 300-SCT	20			097	81	35	14	04		993		CRD
SA	1145	90 SCT 300-OVC	20			091	81	33	22	13		992		CRD
SA	1249	90 SCT 300-OVC	20			085	84	38	21	10		990	712 1107	CRD
SA	1347	90 SCT 300-OVC	20			085	85	35	24	12		990		CRD
SA	1450	90 SCT 300-OVC	20			083	86	38	23	08		988		CRD
SA	1550	90 SCT 300-OVC	20			082	84	37	18	09		988	805 1107 87 RADAT 70123	WRG
SA	1650	90 SCT 300-OVC	20			078	84	37	24	11		986		WRG
SA	1750	90 SCT 300-OVC	20			076	84	35	23	09		986		WRG
SA	1850	90 SCT 300-OVC	20			076	81	34	25	07		986	605 1107	WRG
SA	1950	90 SCT 300-BKN	20			081	77	36	27	04		987		WRG
SA	2050	90 SCT 300-SCT	20			091	75	33	17	04		991		WRG
SA	2150	300-SCT	20			099	73	34	06	05		993	320 1008 87	WRG
SA	2250	300-SCT	20			105	70	40	05	04		995		WRG
SA	2350	300-SCT	20			108	68	37	07	03		996		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 Ndff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 5

To convert LST to GMT ADD 8 hrs.

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.420	68.4	51.1	29	1	1	Ci	300												1	6	.010			00-01
01 50	26.420	68.4	51.0	29	0															0					01-02
02 50	26.440	65.1	50.9	37	0															0					02-03
03 47	26.450	64.0	49.9	37	2	2	Cs	300												2	3	.030			03-04
04 45	26.470	62.8	49.0	37	1															1					04-05
05 45	26.490	65.3	50.5	35	2															1					05-06
06 46	26.520	68.0	52.7	36	3	3	CS	300												1	2	.070			06-07
07 45	26.540	70.5	53.0	30	6															3					07-08
08 47	26.540	73.9	54.2	27	6															3					08-09
09 49	26.535	76.3	55.1	24	6	1	Cu	90	5	Cs	300	6								3	0	.015			09-10
10 49	26.530	80.9	56.2	19	5															2					10-11
11 45	26.515	81.3	55.8	17	10															3					11-12
12 49	26.500	84.2	58.2	19	10	1	Cu	90	9	Cs	300	10								3	7	.035			12-13
13 47	26.500	85.4	57.8	17	10															3					13-14
14 50	26.490	86.3	59.2	18	10															3					14-15
15 50	26.485	83.6	57.7	19	10	3	Cu	90	10	Cs	300	10								4	8	.015			15-16
16 50	26.470	84.0	57.7	18	10															3					16-17
17 50	26.470	83.5	57.0	17	10															2					17-18
18 50	26.470	81.0	55.8	18	10	2	Cu	90	10	Cs	300	10								3	6	.015			18-19
19 50	26.480	77.2	54.8	22	7															2					19-20
20 50	26.510	74.8	53.0	22	5															2					20-21
21 50	26.530	73.0	52.6	24	3	3	Cs	300												1	3	.060			21-22
22 50	26.550	70.3	53.3	33	3															1					22-23
23 50	26.555	68.3	51.8	32	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	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	71	64	X	X						X		
	0344	1	0	0	0	75	64		0								
	0943	2	0	0	0	77	62		0								
	1546	3	0	0	0	87	76		0								
	2146	4	0	0	0	86	73		0								
	MID.	X	0	0	0	73	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1546	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.535	26.485	26.530
BAROGRAPH 64	26.435	26.535	26.485	26.525
BAR. CORR. 65	+.015	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
87	62	0	0	0	20	SW	0147					7	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 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: 0558P -1502 / 2347 ON TIME

* BAROGRAPH CHART CHANGED "0" Cor.

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 6

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. SERVER'S INITIALS (15)
SA	0050	300 - SCT	20			108	66	35	04	04		996	108 1008	WRC
SA	0150	300 - SCT	20			112	63	33	27	04		996		WRC
SA	0250	300 - SCT	20			113	65	34	04	06		997		WRC
SA	0349	CLR	20			118	63	32	10	05		998	207 62 RADAT 51125	CRD
SA	0445	CLR	20			124	63	33	11	06		999		CRD
SA	0546	CLR	20			125	67	33	31	05		001		CRD
SA	0645	CLR	20			127	72	33	34	04		002	212	CRD
SA	0746	CLR	20			128	77	33	36	03		003		CRD
SA	0849	CLR	20			125	82	34	15	10		002		CRD
SA	0946	CLR	20			124	84	35	33	03		002	000 1100 62	CRD
SA	1048	CLR	20			122	87	31	22	10		001	CU N CI W	CRD
SA	1145	CLR	20			119	88	36	10	07		999	CU N CI NW	CRD
SA	1248	CLR	20			105	90	35	22	15 G 25		996	CU N CI NW/719 1101	CRD
SA	1346	CLR	20			101	91	38	22	17 G 26		994	CU OVHD CI NW	CRD
SA	1450	CLR	20			092	91	36	22	16 G 22		992	CU OVHD CI NW	CRD
SA	1550	CLR	20			089	89	38	21	14 G 23		991	715 140092 RADAT 46135	WRC
SA	1650	CLR	20			089	88	35	22	12 G 20		991	FEW SC E	WRC
SA	1750	CLR	20			091	87	30	23	13 G 20		992		WRC
SA	1850	CLR	20			091	84	32	22	12 G 20		992	103 1400	WRC
SA	1950	CLR	20			098	82	30	21	10 G 19		994		WRC
SA	2050	CLR	20			105	80	32	19	14		997		WRC
SA	2150	CLR	20			107	79	34	20	14		998	117 92	WRC
SA	2250	CLR	20			105	79	34	19	13		997		WRC
SA	2350	CLR	20			104	77	35	18	14 G 22		997		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B
(2-77)

U. S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 6

To convert LST to GMT ADD 8 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	26.555	66.0	50.0	31	1	1	CS	300												0	1	.025			00-01
01 50	26.560	62.7	47.9	32	1															0					01-02
02 50	26.570	65.0	49.4	32	1															0					02-03
03 49	26.575	62.8	47.7	31	0															0	2	.020			03-04
04 45	26.590	62.5	47.8	33	0															0					04-05
05 46	26.600	67.3	50.0	28	0															0					05-06
06 45	26.610	71.9	51.9	24	0															0	2	.035			06-07
07 46	26.615	77.2	53.9	20	0															0					07-08
08 47	26.610	81.7	56.0	18	0															0					08-09
09 46	26.610	83.7	57.1	17	0	0	Cu	90												0	0	.000			09-10
10 48	26.600	87.0	57.3	14	0															0					10-11
11 45	26.590	87.6	58.8	16	0															0					11-12
12 48	26.555	89.9	59.5	15	0	0	Cu	90	0	Ci	300	0								0	7	.055			12-13
13 46	26.540	91.3	60.8	16	0															0					13-14
14 50	26.520	91.2	60.2	14	0															0					14-15
15 50	26.510	89.4	60.0	16	0	0	Sc	90												0	7	.045			15-16
16 50	26.510	88.2	58.6	15	0															0					16-17
17 50	26.520	87.2	57.0	13	0															0					17-18
18 50	26.520	84.0	56.3	15	0	0	Sc	90												0	1	.010			18-19
19 50	26.540	82.0	55.2	15	0															0					19-20
20 50	26.565	80.0	54.8	17	0															0					20-21
21 50	26.570	79.2	55.0	19	0															0	1	.050			21-22
22 50	26.565	79.1	55.1	20	0															0					22-23
23 50	26.565	76.8	54.5	22	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	PRECIP. ORIGIN 49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	70	62	X	X						X		
	0345	1	0	0	0	73	62		0								
	0943	2	0	0	0	85	62		0								
	1546	3	0	0	0	92	84		0								
	2146	4	0	0	0	90	79		0								
	MID.	X	0	0	0	79	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0944	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.575	26.610	26.510	26.570
BAROGRAPH 64	26.560	26.605	26.515	26.560
BAR. CORR. 65	+.015	+.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
92	62	0	0	0	26	SW	1343					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 0900P ON TIME / 2143P ON TIME

MF1-10B

☆ U.S.GPO:1977-0-765-005/1131

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 JUL 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 (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0050	CLR	20			106	76	36	22	12G	20	998	500	WRG
SA	0150	CLR	20			112	75	34	19	15G	24	999		WRG
SA	0250	CLR	20			114	74	40	19	14G	22	999		WRG
SA	0347	CLR	20			120	72	44	22	08		001	210 72 RADAT 54127	WRG
SA	0447	CLR	20			130	70	48	23	13		003	FEW AC	WRG
SA	0547	CLR	20			129	72	47	24	12		003		WRG
SA	0648	CLR	20			133	74	50	24	14		004	110 1080	WRG
SA	0746	CLR	20			137	76	53	24	16	G21	005		WRG
SA	0847	120 SCT	20			131	81	51	20	11		004	ACSL SE	WRG
SA	0949	80 SCT E 120 BKN	20			131	82	50	21	15		004	CB N MOVG NE / 000	WRG
—	—												1970 70	—
SA	1045	60 SCT 120 SCT	20			129	84	50	24	13	G20	004	CB N DSIPTD TCU	WRG
—	—												NE-SE	—
SA	1147	60 SCT	20			122	86	50	20	16	G25	002		WRG
SA	1250	70 SCT	20			118	88	46	20	13		001	CB NE AND SE / 810	WRG
—	—												1300	—
SA	1350	70 SCT 250 SCT	20			110	89	46	24	14	G23	998	CB E-SE MOVG NE	WRG
SA	1450	70 SCT 250 SCT	20			100	88	45	23	15	G22	995	TCU E	WRG
SA	1550	80 SCT 250 SCT	20			099	89	41	24	12G	20	995	619 1201 90 RADAT 27143	WRG
SA	1650	80 SCT 250 SCT	20			095	88	42	21	12G	20	993	TCU E	WRG
SA	1750	80 SCT	20			095	86	42	21	12G	20	993	TCU NE	WRG
SA	1850	80 SCT	20			095	84	43	19	10G	18	993	605 1200	WRG
SA	1950	80 SCT	20			099	81	42	19	12		994		WRG
SA	2050	80 SCT	20			105	80	49	19	12		996		WRG
SA	2150	80 SCT	20			108	79	51	19	12G	20	997	214 1400 90	WRG
SA	2250	CLR	20			108	78	46	19	13		997		WRG
SA	2350	CLR	20			108	76	44	20	11		997		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 4PPPP 5appp $6RRR_{t_R}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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 JUL 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	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	26570	75.8	54.3	23	0															0	5	.000			00-01
01 50	26585	75.1	53.4	22	0															0					01-02
02 50	26590	73.7	55.1	30	0															0					02-03
03 47	26.600	71.9	56.0	37	0															0	2	.030			03-04
04 47	26.620	70.2	57.2	46	0															0					04-05
05 47	26.620	71.5	57.2	42	0															0					05-06
06 48	26.630	73.9	59.4	43	0	0	AC	120												0	1	.030			06-07
07 46	26.640	76.3	61.8	45	0															0					07-08
08 47	26.630	81.0	62.0	35	1															1					08-09
09 49	26.630	82.4	62.0	32	7	2	CB	80	5	AC	120	7								7	0	.000			09-10
10 45	26.630	83.6	62.5	31	5															5					10-11
11 47	26.610	85.7	63.2	29	4															4					11-12
12 50	26.600	88.2	62.4	23	3	3	CB	70												3	8	.030			12-13
13 50	26.580	88.8	62.5	23	2															2					13-14
14 50	26.550	88.0	62.0	22	1															1					14-15
15 50	26545	88.9	61.0	19	3	2	CU	40	1	CI	250	3								3	6	.055			15-16
16 50	26530	87.7	61.0	21	4															3					16-17
17 50	26.530	85.7	60.1	21	3															3					17-18
18 50	26.530	83.5	59.8	24	3	3	CU	40												3	6	.015			18-19
19 50	26540	81.3	58.7	25	2															2					19-20
20 50	26560	79.8	60.8	34	1															1					20-21
21 50	26570	78.9	61.4	38	1	1	SC	40												1	2	.040			21-22
22 50	26570	77.6	59.0	33	0															0					22-23
23 50	26.570	76.2	57.5	32	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	77	72	X	X						X		
	0343	1	0	0	0	79	72		0								
	0945	2	0	0	0	83	70		0								
	1546	3	0	0	0	90	62		0								
	2146	4	0	0	0	89	79		0								
	MID.	X	0	0	0	79	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0949	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26545	26570
BAROGRAPH 64	26.585	26.625	26540	26.550
BAR. CORR. 65	+.015	+.005	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	70	0	0	0	31	SW	1411					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: 0536 ±1 Sec./ 2252 ± 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 JUL 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 (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			107	75	42	19	10		997	400	WRC
SA	0150	80 SCT	20			113	70	43	00	00		998		WRC
SA	0250	CLR	20			113	72	40	15	06		998	FEW CU SE	WRC
SA	0348	50 SCT	20			115	72	39	19	08		999	207 1100 70 RADAT 52132	HS
SA	0445	50 SCT 300 SCT	20			121	72	39	21	13		001	TCU DSNT E	HS
SA	0545	300-BKN	20			120	73	39	26	03		001		HS
SA	0648	E 300 OVC	20			123	78	43	18	10		002	207 1106	HS
SA	0746	E 300 OVC	20			128	79	41	22	15		003		HS
SA	0847	E 300 OVC	20			128	79	43	21	15		003		HS
SA	0947	E 300 OVC	20			129	80	45	19	16		003	TCU DSNT NE / 103 1276 70	HS
—	—												—	
SA	1045	E 300 OVC	20			129	81	47	22	14		003	TCU DSNT NE	HS
SA	1146	E 300 OVC	20			123	86	44	17	17	G28	002	FEW CU ACSL	HS
SA	1248	140 SCT E 300 BKN	20			116	87	45	23	18	G27	999	TCU DSNT SE / 810 1242	HS
SA	1345	140 SCT 300 SCT	20			114	87	37	23	17	G26	998		HS
SA	1450	140 SCT 300 SCT	20			110	88	36	22	18	G25	997	~~CU SE AND NW~~	HS
SA	1549	140 SCT 250 SCT	20			097	87	34	18	17	G25	994	CU SE AND NW 217	
—	—	~~CLR~~	~~2~~										1151 91 RADAT 34137	HS
SA	1647	CLR	20			097	87	34	22	17		994	CU NW	HS
SA	1745	CLR	20			097	86	31	21	10		994	CU NW	HS
SA	1848	CLR	20			096	84	27	19	13		994	CU NW ~~1100~~	HS
SA	1948	CLR	20			101	81	28	21	09		996	CU NW	HS
SA	2048	CLR	20			110	81	28	21	12		998		HS
SA	2149	CLR	20			112	80	29	23	06		999	214 91	HS
SA	2247	CLR	20			113	76	29	30	03		999		HS
SA	2347	CLR	20			116	71	29	04	08		999		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 $6RRRt_R$ $7wwW_1W_2$ $8N_hC_LC_MC_H$

☆ 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 JUL 8

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26570	75.0	56.3	31	0															0	4	.000			00-01
01 50	26580	70.4	55.0	38	1															1					01-02
02 50	26580	71.7	54.2	32	0															0					02-03
03 48	26.590	71.8	53.7	30	1	1	CU	50												1	2	.020			03-04
04 45	26.600	71.9	53.8	30	4															4					04-05
05 45	26.600	72.9	54.2	29	7															3					05-06
06 48	26.610	78.4	57.8	28	10	0	CU	60	10	CI	E30	10								7	2	.020			06-07
07 46	26.620	78.6	57.1	26	10															8					07-08
08 47	26.620	78.9	58.0	28	10															8					08-09
09 47	26.620	80.4	59.4	29	10	0	CU	60	0	AC	120	0	10	CI	E300	10				7	1	.010			09-10
10 45	26.620	80.7	60.5	31	10															7					10-11
11 46	26.610	85.7	61.0	24	10															7					11-12
12 48	26.590	86.8	61.5	23	7	0	CU	70	2	ACSL	140	2	5	CI	E300	7				6	8	.030			12-13
13 45	26.580	86.7	59.3	18	5															4					13-14
14 50	26.570	87.8	58.8	16	4															4					14-15
15 49	26.540	87.1	58.0	15	2	0	CU	70	2	AC	140	2	0	CI	250	2				2	8	.050			15-16
16 47	26.540	86.6	58.0	16	0															0					16-17
17 45	26.540	86.1	57.0	14	0															0					17-18
18 48	26.540	83.8	55.0	13	0	0	CU	70												0	4	.000			18-19
19 48	26.550	80.7	53.9	14	0															0					19-20
20 48	26.570	80.7	54.1	15	0															0					20-21
21 49	26.580	79.7	53.8	15	0															0	2	.040			21-22
22 47	26.580	76.3	52.6	18	0															0					22-23
23 47	26.585	71.2	50.3	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 0344	X	0	0	X	76	70	X	X						X		
	0344	1	0	0	0	79	70		0								
	0943	2	0	0	0	81	72		0								
	1544	3	0	0	0	91	80		0								
	2144	4	0	0	0	89	80		0								
	MID.	X	0	0	0	80	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.620	26.540	26.580
BAROGRAPH 64	26.570	26.610	26.540	26.565
BAR. CORR. 65	+.020	+.010	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 UNML'TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	70	0	0	0	31	SW	1057					6	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: 0552 ±1 Sec./ 2150 ±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 JUL 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	CLR	20			117	70	30	05	09		000	303	HS
SA	0147	CLR	20			120	70	30	05	11		000		HS
SA	0245	CLR	20			121	70	34	04	12		001		HS
SA	0348	CLR	20			130	69	38	08	07		003	310 69 RADAT 54132	HS
SA	0445	CLR	20			138	66	28	07	06		005		HS
SA	0547	CLR	20			141	69	32	12	03		006		HS
SA	0645	CLR	20			144	74	33	17	03		007	114	HS
SA	0746	CLR	20			147	79	42	01	04		008		HS
SA	0848	CLR	20			145	82	41	00	00		008		HS
SA	0946	CLR	20			143	84	35	00	00		008	002 1100 66	HS
SA	1048	CLR	20			140	87	37	32	04		007		HS
SA	1145	CLR	20			136	88	37	27	02		005		HS
SA	1245	CLR	20			128	91	36	34	08		003	815 1100	HS
SA	1347	CLR	20			124	92	38	25	08		002		HS
SA	1450	CLR	20			114	93	40	27	11		999		HS
SA	1548	CLR	20			110	92	37	33	13		998	715 1100 95 RADAT 20142	HS
SA	1646	CLR	20			106	92	35	23	14		997		HS
SA	1748	CLR	20			105	91	33	25	11		997		HS
SA	1850	CLR	20			104	88	35	28	09		997	605	HS
SA	1948	CLR	20			106	82	33	29	04		997		HS
SA	2048	CLR	20			113	78	30	03	05		999		HS
SA	2156	CLR	20			115	75	29	07	06		999	108 95	HS
SA	2247	CLR	20			116	73	29	08	04		000		HS
SA	2349	CLR	20			116	73	30	12	03		000		HS

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

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

☆ U.S. G.P.O. 1982-564-008/1123

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

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 9

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.590	70.2	50.3	22	0															0	3	.010			00-01
01 47	26.595	69.7	50.0	23	0															0					01-02
02 45	26.600	70.3	51.4	26	0															0					02-03
03 48	26.620	68.8	52.3	32	0															0	3	.030			03-04
04 45	26.640	66.1	47.8	23	0															0					04-05
05 47	26.650	68.8	50.3	26	0															0					05-06
06 45	26.660	74.4	52.9	22	0															0	1	.040			06-07
07 46	26.670	78.5	57.7	28	0															0					07-08
08 48	26.670	81.8	58.5	24	0															0					08-09
09 46	26.665	84.0	57.3	17	0	0	CU	90												0	0	.005			09-10
10 48	26.660	86.9	59.0	17	0															0					10-11
11 45	26.640	87.5	59.0	17	0															0					11-12
12 45	26.620	91.2	60.2	15	0	0	CU	100												0	8	.045			12-13
13 47	26.610	92.3	61.0	15	0															0					13-14
14 50	26.590	93.0	62.0	16	0															0					14-15
15 48	26.575	92.1	60.7	14	0	0	CU	100												0	7	.045			15-16
16 46	26.560	91.9	60.0	13	0															0					16-17
17 48	26.560	90.6	59.1	13	0															0					17-18
18 50	26.560	88.0	58.6	15	0															0	6	.015			18-19
19 48	26.565	82.4	56.1	17	0															0					19-20
20 48	26.580	77.6	53.3	17	0															0					20-21
21 50	26.585	75.1	52.1	18	0															0	1	.025			21-22
22 47	26.590	72.8	51.0	19	0															0					22-23
23 49	26.590	72.5	51.4	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	71	69	X	X						X		
	0344	1	0	0	0	80	69		0								
	0942	2	0	0	0	84	66		0								
	1543	3	0	0	0	95	84		0								
	2145	4	0	0	0	94	75		0								
	MID.	X	0	0	0	75	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0946	1547	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.665	26.575	26.585
BAROGRAPH 64	26.610	26.665	26.575	26.585
BAR. CORR. 65	+.010	±.0*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	66	0	0	0	21	SW	1528					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: 0536 ±1 Sec./ 2152P ±2 Sec./ ± Sec.

*BAROGRAPH CHANGED RESET TO ±.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 JUL 10

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0049	CLR	20			119	70	29	06	06		001	305	HS
SA	0148	CLR	20			116	67	29	00	00		000		HS
SA	0247	CLR	20			115	68	29	00	00		000		HS
SA	0345	CLR	20			121	67	30	12	06		001	500 67 RADAT 20154	HS
SA	0445	CLR	20			126	63	29	12	04		002		HS
SA	0550	CLR	20			128	69	32	14	03		003		HS
SA	0649	CLR	20			129	75	33	21	03		004	210	HS
SA	0747	CLR	20			134	81	32	26	03		005		HS
SA	0846	CLR	20			130	86	36	25	04		004		HS
SA	0947	CLR	20			129	90	36	23	08		004	000 63	HS
SA	1047	CLR	20			126	92	38	22	07		004		HS
SA	1145	CLR	20			121	95	38	20	09		002		HS
SA	1248	CLR	20			115	94	36	30	06		999	814	HS
SA	1345	CLR	20			106	99	35	22	13	G18	997		HS
SA	1450	CLR	20			098	97	34	24	14	G22	995		HS
SA	1548	CLR	20			091	97	34	24	09		993	720 99 RADAT 21155	HS
SA	1647	CLR	20			090	96	34	25	12		992		HS
SA	1747	CLR	20			087	95	35	24	14		992		HS
SA	1849	CLR	20			086	91	28	24	13		992	603	HS
SA	1947	CLR	20			094	87	29	24	06		994		HS
SA	2049	CLR	20			097	81	27	01	07		996		HS
SA	2150	CLR	20			100	78	27	04	08		996	112 99	HS
SA	2248	CLR	20			102	76	28	36	07		997		HS
SA	2348	CLR	20			100	75	28	04	06		997		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 10

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40 HR.
00	49	26.600	70.0	50.0	22	0														0	3	.015		00-01
01	48	26.590	67.4	48.8	24	0														0				01-02
02	47	26.590	68.1	49.2	23	0														0				02-03
03	45	26.600	67.0	49.0	25	0														0	5	.000		03-04
04	45	26.610	63.1	46.9	27	0														0				04-05
05	50	26.620	69.2	50.5	25	0														0				05-06
06	49	26.630	74.7	53.0	22	0														0	2	.030		06-07
07	47	26.640	81.2	55.4	17	0														0				07-08
08	46	26.630	86.2	58.2	17	0														0				08-09
09	47	26.630	89.8	59.5	15	0														0	0	.000		09-10
10	47	26.625	92.3	61.0	15	0														0				10-11
11	45	26.610	94.8	62.0	14	0														0				11-12
12	48	26.590	93.5	61.0	14	0														0	8	.040		12-13
13	45	26.570	98.8	62.3	11	0														0				13-14
14	50	26.530	96.9	61.4	11	0														0				14-15
15	48	26.530	96.7	61.5	11	0														0	7	.060		15-16
16	47	26.520	96.3	61.4	11	0														0				16-17
17	47	26.520	94.7	60.9	12	0														0				17-18
18	49	26.520	91.1	58.0	10	0														0	6	.010		18-19
19	47	26.540	87.2	56.9	12	0														0				19-20
20	49	26.550	81.4	54.1	14	0														0				20-21
21	50	26.555	78.4	52.9	15	0														0	1	.035		21-22
22	48	26.560	75.9	52.1	17	0														0				22-23
23	48	26.560	74.9	51.8	18	0														0				23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0341	X	0	0	X	73	67	X	X						X		
	0341	1	0	0	0	75	67		0								
	0943	2	0	0	0	90	63		0								
	1543	3	0	0	0	99	90		0								
	2145	4	0	0	0	98	78		0								
	MID.	X	0	0	0	78	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.630	26.530	26.555
BAROGRAPH 64	26.595	26.625	26.530	26.555
BAR. CORR. 65	+.005	+.005	0	+.000

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	63	0	0	0	24	W	1346					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: 0554 ±1 Sec. / 2152P ±1 Sec. / ± Sec.

MF1-10B (1-82) SUPERSEDES MF1-10B (2-79) WHICH MAY BE USED. ☆ U.S. G.P.O. 1982-564-002

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 JUL 11

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	CLR	20			102	73	29	03	08		997	102	HS
SA	0147	CLR	20			100	71	28	05	04		997		HS
SA	0245	CLR	20			102	69	30	10	03		997		HS
SA	0349	CLR	20			105	68	28	11	03		998	303 68 RADAT 27152	RD
SA	0446	CLR	20			113	67	28	11	03		999		RD
SA	0550	CLR	20			116	70	31	13	03		001		RD
SA	0646	CLR	20			120	77	30	00	00		002	214	RD
SA	0747	CLR	20			122	83	33	23	03		003		RD
SA	0848	CLR	20			124	88	33	24	04		003		RD
SA	0946	CLR	20			126	91	33	23	08		004	305 94	RD
SA	1048	CLR	20			120	94	36	22	10		003		RD
SA	1150	CLR	20			114	96	35	35	05		001		RD
SA	1250	CLR	20			109	97	35	25	11		999	715	RD
SA	1347	CLR	20			100	99	36	28	12		997		RD
SA	1450	CLR	20			096	100	33	26	12		996		RD
SA	1549	CLR	20			086	100	35	25	13		992	820 01 RADAT 20152	JC
SA	1645	CLR	20			087	98	34	30	11		992		JC
SA	1748	CLR	20			083	97	32	26	12		991		JC
SA	1844	CLR	20			084	95	30	25	08		992	500	JC
SA	1946	CLR	20			088	88	27	26	03		993		JC
SA	2047	CLR	20			096	84	26	05	02		996		JC
SA	2149	CLR	20			094	84	28	16	02		996	110 01	JC
SA	2248	CLR	20			100	76	26	07	06		997		JC
SA	2350	CLR	20			100	76	26	06	04		997		JC

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

FM12-VII: IIiii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_oP_oP_oP_o$ 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 JUL 11

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.560	72.6	51.0	20	0															0	1	.005			00-01
01 47	26.560	71.3	50.3	20	0															0					01-02
02 45	26.560	68.9	49.6	23	0															0					02-03
03 49	26.570	68.4	49.0	22	0															0	3	.010			03-04
04 46	26.585	66.8	48.2	23	0															0					04-05
05 50	26.600	70.4	50.8	23	0															0					05-06
06 48	26.610	77.0	53.0	17	0															0	2	.040			06-07
07 47	26.620	83.0	56.2	17	0															0					07-08
08 48	26.620	89.7	58.0	14	0															0					08-09
09 46	26.625	90.7	59.2	13	0															0	3	.015			09-10
10 48	26.615	94.0	61.0	13	0															0					10-11
11 50	26.600	96.4	61.6	12	0															0					11-12
12 50	26.580	99.2	62.0	12	0															0	7	.045			12-13
13 49	26.560	99.0	62.7	11	0															0					13-14
14 50	26.550	99.9	62.4	10	0															0					14-15
15 49	26.520	99.8	62.8	11	0															0	8	.060			15-16
16 45	26.520	98.1	62.0	11	0															0					16-17
17 48	26.510	97.2	61.0	10	0															0					17-18
18 44	26.520	94.8	59.8	10	0															0	5	.000			18-19
19 46	26.530	88.4	56.8	11	0															0					19-20
20 47	26.550	83.7	54.8	12	0															0					20-21
21 49	26.550	84.0	55.4	13	0															0	1	.030			21-22
22 48	26.560	75.5	51.4	16	0															0					22-23
23 50	26.560	75.5	51.4	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0343	X	0	0	X	75	68	X	X						X		
	0343	1	0	0	0	78	68		0								
	0942	2	0	0	0	91	66		0								
	1545	3	0	0	0	101	90		0								
	2145	4	0	0	0	100	83		0								
	MID.	X	0	0	0	84	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0343	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.625	26.520	26.552
BAROGRAPH 64	26.560	26.615	26.525	26.550
BAR. CORR. 65	+.010	+.010	-.005	± 0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
101	66	0	0	0	18	W	1557					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 10 58 ⊙ Sec./ 1915 P ⊙ 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 JUL 12

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. OBSERVER'S INITIALS (15)
SA	0046	CLR	20			100	75	26	04	09		997	103	JC
SA	0146	CLR	20			102	74	22	10	04		998		JC
SA	0247	CLR	20			103	71	25	12	05		998		JC
SA	0350	CLR	20			111	69	21	03	03		999	305 69 RADAT 20155	RD
SA	0448	CLR	20			116	66	20	16	03		001		RD
SA	0547	CLR	20			122	72	24	00	00		003		RD
SA	0648	CLR	20			121	78	24	14	03		003	112	RD
SA	0749	CLR	20			124	84	26	35	03		004		RD
SA	0846	CLR	20			123	90	28	24	04		004		RD
SA	0946	CLR	20			120	93	29	22	08		003	000 66	RD
SA	1049	CLR	20			116	95	33	22	09		002		RD
SA	1147	CLR	20			110	99	34	24	07		000		RD
SA	1250	CLR	20			105	98	34	25	08		999	714	RD
SA	1348	CLR	20			098	101	32	26	05		997		RD
SA	1450	CLR	20			096	102	32	22	10		996		RD
SA	1549	CLR	20			094	101	31	21	14		992	820 1001 02 RADAT	JC
/													20160	/
SA	1647	CLR	20			083	99	30	23	15		991	FEW AC AND CI W	JC
SA	1746	CLR	20			082	98	30	22	12		991	FEW AC AND CI W	JC
SA	1849	CLR	20			084	94	28	22	13		992	503 9 1071	JC
SA	1947	CLR	20			082	90	28	22	07		992	FEW AC W	JC
SA	2050	CLR	20			090	85	26	23	02		994		JC
SA	2149	CLR	20			088	85	25	04	04		994	207 02	JC
SA	2249	CLR	20			089	80	32	06	05		994		JC
SA	2349	140 SCT	20			094	76	27	01	06		996		JC

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

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

☆ 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 JUL 12

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.560	74.6	51.0	16	0															0	1	.010			
01 46	26.570	74.2	50.0	14	0															0					
02 47	26.570	70.5	49.0	18	0															0					
03 50	26.585	68.7	47.4	16	0															0	3	.025			
04 48	26.600	66.0	46.0	17	0															0					
05 47	26.615	71.5	49.4	17	0															0					
06 48	26.620	78.0	52.0	13	0															0	1	.035			
07 49	26.625	84.2	55.0	12	0															0					
08 46	26.625	90.0	57.6	11	0															0					
09 46	26.620	93.0	59.0	10	0															0	0	.000			
10 49	26.610	95.0	60.6	11	0															0					
11 47	26.590	98.8	62.1	10	0															0					
12 50	26.530	98.4	62.0	11	0															0	7	.040			
13 48	26.565	100.6	62.2	9	0															0					
14 50	26.550	101.8	62.6	9	0															0					
15 49	26.520	101.0	62.2	9	0	0	Ci	250												0	8	.060			
16 47	26.510	99.0	61.2	9	0															0					
17 46	26.510	97.8	60.8	9	0															0					
18 49	26.520	94.0	59.0	9	0	0	Ac	140	0	Ci	250	0								0	5	.000			
19 47	26.520	89.6	57.4	11	0															0					
20 50	26.540	84.8	55.3	12	0															0					
21 49	26.540	84.9	55.0	11	0															0	2	.020			
22 44	26.540	80.3	55.0	17	0															0					
23 49	26.550	75.9	51.9	16	2															2					

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	84	69		0								
	0942	2	0	0	0	93	66		0								
	1545	3	0	0	0	102	92		0								
	2145	4	0	0	0	101	84		0								
	MID.	X	0	0	0	85	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.585	26.620	26.520	26.540
BAROGRAPH 64	26.580	26.620	26.525	26.535
BAR. CORR. 65	+.005	0	-.005	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	66	0	0	0	25	SW	1634					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: 0831 ±1 Sec./ 1918P ±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 JUL 13

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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	0049	CLR	20			094	77	26	08	02		996	203 1070	JC
SA	0145	140 SCT	20			094	74	22	01	09		996		JC
SA	0248	CLR	20			094	73	25	04	10		996	FEW AC E	JC
SA	0350	CLR	20			099	71	28	06	06		997	303 71 RADAT 27161	RD
SA	0447	CLR	20			104	72	23	03	03		998		RD
SA	0550	CLR	20			109	73	24	15	04		999		RD
SA	0649	CLR	20			109	80	28	00	00		000	210	RD
SA	0746	CLR	20			109	85	33	01	03		000		RD
SA	0849	CLR	20			108	92	39	22	15		000		RD
SA	0946	CLR	20			106	93	39	25	17		999	802 70	RD
SA	1050	CLR	20			105	94	32	22	14		999		RD
SA	1147	CLR	20			101	97	29	23	17		997		RD
SA	1248	CLR	20			097	99	29	21	18		997	708 1100	RD
SA	1348	CLR	20			090	98	29	23	12		994		RD
SA	1448	CLR	20			088	99	32	21	19		993		RD
SA	1549	CLR	20			082	98	33	24	15		991	717 00 RADAT 20158	JC
SA	1647	CLR	20			074	98	32	21	16		989		JC
SA	1749	CLR	20			074	97	28	22	13		989		JC
SA	1845	CLR	20			071	94	31	19	14		989	607	JC
SA	1946	CLR	20			070	91	34	18	13		989	FEW AC NW	JC
SA	2050	CLR	20			071	90	30	20	14		990		JC
SA	2149	CLR	20			071	88	31	24	10		990	203 00	JC
SA	2245	CLR	20			072	85	33	23	11		990		JC
SA	2343	CLR	20			073	80	32	03	06		990		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 JUL 13

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	72.0	52.0	15	0	0	AC	140												0	2	.010			00-01
01 45	26.550	74.4	50.2	14	1															1					01-02
02 48	26.550	73.4	50.3	16	0															0					02-03
03 50	26.560	70.7	50.0	20	0															0	3	.010			03-04
04 47	26.570	72.0	49.4	16	0															0					04-05
05 50	26.580	73.2	50.2	16	0															0					05-06
06 49	26.590	80.4	54.0	15	0															0	2	.030			06-07
07 46	26.590	84.6	57.0	16	0															0					07-08
08 49	26.590	91.9	60.3	14	0															0					08-09
09 46	26.585	92.7	61.5	15	0															0	8	.005			09-10
10 50	26.580	94.0	60.0	11	0															0					10-11
11 47	26.565	97.2	60.5	9	0															0					11-12
12 48	26.560	99.0	61.0	8	0	0	CU	80												0	7	.025			12-13
13 48	26.540	98.2	60.8	9	0															0					13-14
14 48	26.530	99.2	61.9	10	0															0					14-15
15 49	26.510	98.2	61.8	10	0															0	7	.050			15-16
16 47	26.490	98.7	61.5	10	0															0					16-17
17 49	26.490	92.0	60.2	9	0															0					17-18
18 45	26.490	94.0	59.8	11	0															0	6	.020			18-19
19 46	26.490	91.2	59.5	13	0															0					19-20
20 50	26.500	89.5	58.0	12	0															0					20-21
21 49	26.500	87.8	57.4	13	0															0	2	.010			21-22
22 45	26.500	84.9	57.1	16	0															0					22-23
23 43	26.500	80.2	54.8	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 0342	X	0	0	X	77	71	X	X						X		
	0342	1	0	0	0	85	71		0								
	0940	2	0	0	0	93	70		0								
	1545	3	0	0	0	100	92		0								
	2145	4	0	0	0	99	87		0								
	MID.	X	0	0	0	88	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0945	1547	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.585	26.510	26.500
BAROGRAPH 64	26.560	26.587	26.575	26.560
BAR. CORR. 65	0	+0	+.005	+0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
100	70	0	0	0	30	5	1205					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: 0651 ±1 Sec./ 1924P ±1 Sec./ ± Sec.

CHANGED AND RESET MICRO-BAROGRAPH AT 0945 LST

MF1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 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)	OB. SERVER INITIALS (15)
SA	0046	CLR	20			074	76	28	03	07		990	400	JC
SA	0147	CLR	20			076	75	27	03	09		990		JC
SA	0247	CLR	20			079	75	28	34	06		991		JC
SA	0350	CLR	20			086	68	27	00	00		992	307 68 RADAT 23152	EP
SA	0447	CLR	20			090	69	30	36	04		993		EP
SA	0547	CLR	20			095	73	32	00	00		994		EP
SA	0648	CLR	20			092	78	37	13	03		994	107	EP
SA	0747	CLR	20			090	83	37	24	06		994		EP
SA	0846	CLR	20			089	85	36	24	07		994		EP
SA	0948	CLR	20			089	88	36	24	07		994	400 68	EP
SA	1050	CLR	20			084	91	35	23	10		993		EP
SA	1146	CLR	20			078	94	34	26	09		991		EP
SA	1247	CLR	20			069	97	36	23	13		988	820	EP
SA	1348	CLR	20			059	98	35	24	16		985		EP
SA	1450	CLR	20			052	100	35	20	16	G24	983		EP
SA	1549	CLR	20			052	99	39	23	17	G26	982	617 01 RADAT 20155	JC
SA	1645	CLR	20			049	97	33	21	15	G23	981	FEW CI SW	JC
SA	1749	CLR	20			044	96	32	20	14		980	FEW CI SW	JC
SA	1848	CLR	20			043	93	33	21	12		980	607 1001	JC
SA	1946	CLR	20			040	90	40	21	12		980		JC
SA	2048	CLR	20			041	90	38	19	16		980		JC
SA	2149	CLR	20			048	88	40	21	12		982	307 01	JC
SA	2246	CLR	20			044	85	35	24	09		981		JC
SA	2347	CLR	20			046	83	34	12	03		982		JC

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 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 46	26.500	75.8	52.0	17	0														0	4	.000				00-01
01 47	26.500	74.8	51.5	17	0														0						01-02
02 45	26.510	74.9	51.6	17	0														0						02-03
03 50	26.520	67.8	48.8	22	0														0	3	.020				03-04
04 47	26.530	69.2	50.0	24	0														0						04-05
05 47	26.540	72.5	51.7	22	0														0						05-06
06 48	26.540	77.5	55.3	23	0														0	1	.020				06-07
07 47	26.540	82.5	57.2	19	0														0						07-08
08 46	26.540	85.2	58.1	18	0														0						08-09
09 48	26.540	88.0	58.9	16	0														0	4	.000				09-10
10 50	26.525	90.8	59.3	14	0														0						10-11
11 46	26.510	94.2	60.6	12	0														0						11-12
12 47	26.480	96.5	62.0	12	0														0	8	.060				12-13
13 48	26.455	97.8	62.0	11	0														0						13-14
14 50	26.440	100.1	63.0	11	0														0						14-15
15 49	26.430	99.2	63.8	13	0														0	6	.050				15-16
16 45	26.420	97.0	61.4	11	0														0						16-17
17 49	26.410	96.0	60.8	11	0														0						17-18
18 48	26.410	92.9	60.0	12	0	0	CI	250											0	6	.020				18-19
19 46	26.410	90.4	61.2	17	0														0						19-20
20 48	26.410	90.0	60.4	16	0														0						20-21
21 49	26.430	87.6	60.0	19	0														0	3	.020				21-22
22 46	26.420	85.0	57.7	17	0														0						22-23
23 47	26.430	82.8	56.4	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 0345	X	0	0	X	80	68	X	X						X		
	0345	1	0	0	0	88	68		0								
	0945	2	0	0	0	88	68		0								
	1545	3	0	0	0	101	88		0								
	2145	4	0	0	0	100	87		0								
	MID.	X	0	0	0	88	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	26.520	26.540	26.430	26.430
BAROGRAPH 64	26.515	26.530	26.425	26.410
BAR. CORR. 65	+.005	+.010	+.005	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
101	68	0	0	0	28	SW	1305					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: 0711 ±0 Sec./ 1935P 01 Sec./ ± Sec.

MF1-10A
(1-82)

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

STATION WSMO, DESERT ROCK, N.

SURFACE WEATHER OBSERVATIONS

DATE 1982 JUL 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)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0048	CLR	20			042	73	32	04	09		980	807	JC
SA	0149	CLR	20			046	73	29	04	10		981		JC
SA	0246	CLR	20			050	72	27	04	05		982		JC
SA	0350	CLR	20			056	69	28	02	08		983	210 69 RADAT 20146	EP
SA	0446	CLR	20			058	69	32	04	10		984		EP
SA	0548	CLR	20			062	74	34	03	06		986		EP
SA	0651	CLR	20			066	79	37	22	03		987	310 ~~68~~	EP
SA	0747	CLR	20			063	85	38	03	03		987		EP
SA	0848	CLR	20			060	88	39	22	13		986		EP
SA	0948	CLR	20			060	90	39	23	17G24		986	602 68	EP
SA	1046	CLR	20			060	93	39	21	15G26		986		EP
SA	1148	CLR	20			059	94	34	21	17G28		986		EP
SA	1250	CLR	20			061	95	35	22	18G31		985	803	EP
SA	1348	CLR	20			055	95	35	20	18G29		983		EP
SA	1450	CLR	20			048	96	33	23	14		981		EP
SA	1549	CLR	20			043	98	22	22	15	G28	979	719 99 RADAT 20162	CG
SA	1653	CLR	20			034	97	17	20	14	G23	976		CG
SA	1747	CLR	20			033	94	16	20	13		976		CG
SA	1849	CLR	20			039	91	18	20	12		979	500	CG
SA	1951	CLR	20			043	88	21	21	13		980		CG
SA	2047	CLR	20			047	82	21	17	10		981		CG
SA	2145	CLR	20			054	81	24	18	08		983	214 99	CG
SA	2247	CLR	20			048	75	23	01	04		981		CG
SA	2347	CLR	20			047	76	25	24	06		981		CG

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

FM12-VII: Iliii $i_R i_x$hVV Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 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 48	26.410	73.0	52.1	22	0															0	8	.020			00-01
01 49	26.420	73.4	51.4	19	0															0					01-02
02 46	26.430	72.0	50.2	18	0															0					02-03
03 50	26.440	68.7	49.1	22	0															0	2	.030			03-04
04 46	26.445	69.1	50.3	25	0															0					04-05
05 48	26.460	74.1	53.0	23	0															0					05-06
06 51	26.470	78.9	56.1	22	0															0	3	.030			06-07
07 47	26.470	84.6	58.3	19	0															0					07-08
08 48	26.465	87.8	59.7	18	0															0					08-09
09 48	26.465	89.5	60.5	17	0															0	6	.005			09-10
10 46	26.465	92.7	61.5	15	0															0					10-11
11 48	26.460	93.5	60.4	12	0															0					11-12
12 50	26.455	94.8	61.2	13	0															0	8	.010			12-13
13 48	26.440	95.3	61.2	12	0															0					13-14
14 50	26.420	96.1	61.0	11	0															0					14-15
15 49	26.400	97.7	59.1	7	0															0	7	.055			15-16
16 53	26.380	96.6	58.0	6	0															0					16-17
17 47	26.280	93.9	58.8	6	0															0					17-18
18 49	26.400	91.0	58.0	7	0															0	5	.000			18-19
19 51	26.410	87.7	55.3	9	0															0					19-20
20 47	26.420	82.4	53.1	10	0															0					20-21
21 45	26.440	80.7	53.1	12	0															0	2	.040			21-22
22 47	26.420	75.2	50.7	14	0															0					22-23
23 47	26.420	76.4	51.6	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	83	69	X	X						X		
	0345	1	0	0	0	88	69		0								
	0944	2	0	0	0	90	68		0								
	1543	3	0	0	0	99	90		0								
	2142	4	0	0	0	98	81		0								
	MID.	X	0	0	0	81	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0945	1548	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.465	26.400	26.440
BAROGRAPH 64	26.410	26.455	26.390	26.410
BAR. CORR. 65	+.030	+.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 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	31	SW	1240					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: 1000 ✓ Sec. / 2006 ✓ 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 JUL 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. SERIES INITIALS (15)
SA	0050	CLR	20			045	79	26	23	15		981	607	CG
SA	0147	CLR	20			046	78	34	23	14		981		CG
SA	0250	CLR	20			050	77	37	24	12		982		CG
SA	0349	CLR	20			052	78	33	23	08		983	307 75 RADAT 20149	EP
SA	0449	CLR	20			061	74	36	24	12		986		EP
SA	0547	CLR	20			070	75	39	24	06		988		EP
SA	0647	CLR	20			073	79	39	25	11		989	117	EP
SA	0746	CLR	20			077	83	39	21	13		990		EP
SA	0848	CLR	20			079	87	28	18	16	G24	991		EP
SA	0949	CLR	20			077	89	25	23	17	G27	990	003 74	EP
SA	1050	CLR	20			077	90	25	17	18	G29	989		EP
SA	1146	CLR	20			075	91	24	18	14		989		EP
SA	1250	CLR	20			067	92	26	20	15	G27	987	808	EP
SA	1349	CLR	20			062	94	27	19	20	G30	986		EP
SA	1450	CLR	20			056	95	25	18	20	G35	984		EP
SA	1548	CLR	20			049	95	21	23	18	G28	982	715 95 RADAT 20151	CG
SA	1648	CLR	20			043	95	17	21	17	G27	980		CG
SA	1745	CLR	20			041	93	13	21	20	G31	979		CG
SA	1845	CLR	20			047	90	12	21	18	G28	981	503	CG
SA	1947	CLR	20			046	87	14	20	14		981		CG
SA	2049	CLR	20			054	84	17	21	08		983		CG
SA	2145	CLR	20			058	81	21	22	04		984	310 96	CG
SA	2246	CLR	20			058	81	21	25	06		984		CG
SA	2346	CLR	20			062	78	28	24	12		985		CG

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

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

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 JUL 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	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	26.420	79.2	53.0	14	0															0	6	.020			00-01
01 47	26.420	78.1	54.8	20	0															0					01-02
02 50	26.430	78.8	55.2	24	0															0					02-03
03 49	26.440	77.7	54.1	19	0															0	3	.020			03-04
04 49	26.460	73.7	53.5	25	0															0					04-05
05 47	26.480	75.2	55.1	27	0															0					05-06
06 47	26.490	78.8	56.7	24	0															0	1	.050			06-07
07 46	26.500	83.0	58.1	21	0															0					07-08
08 48	26.505	86.8	56.4	12	0															0					08-09
09 49	26.500	89.1	56.5	10	0															0	0	.010			09-10
10 50	26.495	90.2	57.1	10	0															0					10-11
11 46	26.490	91.0	57.1	9	0															0					11-12
12 50	26.475	92.2	57.9	9	0															0	8	.025			12-13
13 49	26.460	93.5	58.8	10	0															0					13-14
14 50	26.445	94.7	58.7	8	0															0					14-15
15 48	26.430	94.9	58.0	7	0															0	7	.045			15-16
16 48	26.410	95.0	57.4	6	0															0					16-17
17 45	26.400	92.8	56.0	5	0															0					17-18
18 45	26.420	90.2	54.9	5	0															0	5	.010			18-19
19 47	26.420	87.0	53.8	6	0															0					19-20
20 49	26.440	83.9	53.1	8	0															0					20-21
21 45	26.450	81.2	52.8	11	0															0	3	.030			21-22
22 46	26.450	80.6	52.5	11	0															0					22-23
23 46	26.460	78.4	53.1	16	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	79	76	X	X						X		
	0345	1	0	0	0	81	75		D								
	0945	2	0	0	0	89	74		0								
	1544	3	0	0	0	95	89		0								
	2142	4	0	0	0	96	81		0								
	MID.	X	0	0	0	81	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.500	26.430	26.450
BAROGRAPH 64	26.425	26.495	26.420	26.430
BAR. CORR. 65	+.015	+.005	+.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
96	74	0	0	0	35	5	1446					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: 1209 ✓ Sec. / 1903 ✓ 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 JUL 17

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			062	79	31	23	14		985	103	CG
SA	0146	CLR	20			058	76	30	23	10		984		CG
SA	0249	CLR	20			065	69	28	03	10		985		CG
SA	0350	CLR	20			068	69	34	04	09		987	303 69 RAOAT 20144	EP
SA	0447	CLR	20			080	68	32	05	09		990		EP
SA	0548	CLR	20			086	72	38	34	07		992		EP
SA	0646	CLR	20			091	76	42	25	03		993	120 1001	EP
SA	0745	CLR	20			094	79	43	27	07		994		EP
SA	0847	CLR	20			094	82	44	25	13		994		EP
SA	0952	250-SCT	20			096	87	37	21	15		995	105 1001 68	EP
SA	1046	250-BKN	20			094	90	33	21	12 G20		995		EP
SA	1148	250-BKN	20			091	91	29	22	14		994		EP
SA	1246	250-BKN	20			086	94	29	24	14 G24		993	807 1001	EP
SA	1345	250-BKN	20			080	94	28	24	17 G26		991		EP
SA	1450	E250 BKN	20			078	95	31	24	14		989		EP
SA	1546	250 SCT	20			077	95	26	20	15		988	712 1008 95 RAOAT	CG
/													31L149154	/
SA	1647	250 SCT	20			074	95	27	24	16		987		CG
SA	1749	250 SCT	20			067	92	30	19	11		986		CG
SA	1846	250 SCT	20			072	90	31	19	14		987	503 1008	CG
SA	1946	250 SCT	20			076	86	31	18	10		988		CG
SA	2046	CLR	20			084	81	38	14	05		991		CG
SA	2145	CLR	20			083	81	39	13	05		991	110 1008 95	CG
SA	2248	CLR	20			086	78	35	06	04		992		CG
SA	2347	250 SCT	20			091	75	37	01	04		993		CG

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

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

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 JUL 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 47	26.460	78.5	53.9	17	0															0	1	.010		00-01
01 46	26.450	75.9	52.7	19	0															0				01-02
02 49	26.460	68.8	49.1	22	0															0				02-03
03 50	26.470	68.9	50.8	27	0															0	3	.010		03-04
04 47	26.500	67.8	49.8	26	0															0				04-05
05 48	26.520	71.7	53.4	29	0															0				05-06
06 46	26.530	76.0	56.8	30	0	0	Ci	250												0	1	.060		06-07
07 45	26.540	78.8	58.0	28	0															0				07-08
08 47	26.540	82.0	59.4	26	0															0				08-09
09 52	26.545	87.0	58.8	17	4	4	Ci	250												2	1	.015		09-10
10 46	26.545	90.0	58.8	13	7															3				10-11
11 48	26.535	90.8	58.2	11	7															3				11-12
12 46	26.525	93.5	59.0	9	7	7	Ci	250												3	8	.020		12-13
13 45	26.510	93.9	58.9	9	7															3				13-14
14 50	26.495	94.7	59.9	10	7															4				14-15
15 46	26.490	95.1	59.0	8	4	4	Cs	250												4	7	.035		15-16
16 47	26.480	94.6	59.1	9	4															4				16-17
17 49	26.465	92.3	59.0	11	3															3				17-18
18 46	26.480	89.9	58.3	12	2	2	Cs	250												2	5	.010		18-19
19 46	26.490	86.4	57.1	14	1															1				19-20
20 46	26.510	81.1	57.0	21	0															0				20-21
21 45	26.510	81.0	57.3	22	0	0	Cs	250												0	1	.030		21-22
22 48	26.520	78.4	55.1	21	0															0				22-23
23 47	26.530	74.8	54.5	26	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 0345	X	0	0	X	79	69	X	X						X		
	0345	1	0	0	0	81	69		0								
	0946	2	0	0	0	87	68		0								
	1542	3	0	0	0	95	87		0								
	2142	4	0	0	0	95	81		0								
	MID.	X	0	0	0	81	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0947	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.470	26.545	26.490	26.510
BAROGRAPH 64	26.460	26.540	26.490	26.510
BAR. CORR. 65	+.010	+.005	*0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
95	68	0	0	0	26	SW	1339					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: 1003 ±1 Sec./ 1933 ±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 JUL 18

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0047	250 SCT	20			091	73	32	06	03		993	107 1008	CG
SA	0147	250 SCT	20			092	70	29	07	04		993		CG
SA	0248	250 SCT	20			095	71	29	02	03		994		CG
SA	0351	CLR	20			096	66	30	03	02		994	103 1008 66 RADAT 59139	KG
SA	0448	CLR	20			100	67	29	00	00		995		KG
SA	0547	CLR	20			106	70	30	00	00		997		KG
SA	0645	CLR	20			110	75	30	31	03		998	214 1070	KG
SA	0745	CLR	20			116	83	33	00	00		001		KG
SA	0845	CLR	20			117	87	30	31	04		001		KG
SA	0948	CLR	20			113	91	32	23	15	G24	000	005 1170 66	KG
SA	1050	CLR	20			109	95	35	23	14	G20	999		KG
SA	1147	CLR	20			109	94	40	23	16	G21	998		KG
SA	1248	CLR	20			104	95	39	23	16	G22	997	810 1101	KG
SA	1346	CLR	20			094	96	39	23	15	G28	994		KG
SA	1450	CLR	20			086	97	39	23	17	G24	992		KG
SA	1547	CLR	20			091	96	37	23	16	G23	992	514 1160 98 RADAT 26150	MR
SA	1647	CLR	20			088	95	38	22	15	G21	991		MR
SA	1744	140 SCT	20			086	94	38	21	12		991		MR
SA	1847	CLR	20			089	91	36	22	09		992	500 1461	MR
SA	1944	CLR	20			093	88	39	20	08		995		MR
SA	2045	CLR	20			102	85	38	24	04		997		MR
SA	2146	CLR	20			104	82	36	34	03		998	117 1001 98	MR
SA	2244	CLR	20			106	78	36	03	07		998		MR
SA	2346	CLR	20			107	75	36	06	03		998		MR

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

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

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

☆ U.S. G.P.O. 1982-564-008/1123

MF1-10B (1-82)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 18

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.530	72.5	51.7	22	4	4	Cs	250												3	1	.020			00-01
01 47	26.530	70.3	50.1	22	4															3					01-02
02 48	26.540	70.8	50.4	21	4															3					02-03
03 51	26.540	66.2	48.5	24	0	0	Cs	250												0	1	.010			03-04
04 48	26.550	66.9	48.7	24	0															0					04-05
05 47	26.570	70.3	50.3	22	0															0					05-06
06 45	26.580	75.3	52.4	19	0	0	Ac	150												0	2	.040			06-07
07 45	26.600	82.9	56.3	17	0															0					07-08
08 45	26.600	87.2	57.0	12	0															0					08-09
09 48	26.595	90.9	59.0	13	0	0	Cu	80	0	Ac	140	0								0	0	.015			09-10
10 50	26.590	95.3	61.3	12	0															0					10-11
11 47	26.580	94.1	62.3	15	0															0					11-12
12 48	26.565	95.3	62.5	14	0	0	Cu	80	0	Ci	250	0								0	8	.030			12-13
13 46	26.540	96.0	62.7	14	0															0					13-14
14 50	26.520	96.5	62.9	14	0															0					14-15
15 47	26.525	96.0	62.1	13	0	0	Cu	100	0	Ac	150	0								0	5	.040			15-16
16 47	26.515	95.1	62.0	14	0															0					16-17
17 44	26.515	93.8	61.5	14	1															1					17-18
18 47	26.525	90.8	60.1	15	0	0	~~Cu~~	100	0	Ac	140	0	0	Ci	250	0				0	5	.000			18-19
19 44	26.545	88.2	59.9	18	0															0					19-20
20 45	26.565	85.2	58.6	19	0															0					20-21
21 46	26.575	82.2	57.0	19	0	0	Ci	250												0	1	.050			21-22
22 44	26.580	77.6	55.0	22	0															0					22-23
23 46	26.575	74.9	53.9	24	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	75	66	X	X						X		
	0346	1	0	0	0	81	66		0								
	0943	2	0	0	0	91	66		0								
	1543	3	0	0	0	98	91		0								
	2143	4	0	0	0	96	82		0								
	MID.	X	0	0	0	82	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.540	26.595	26.525	26.575
BAROGRAPH 64	26.545	26.595	26.525	26.560
BAR. CORR. 65	-.005	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 UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
98	66	0	0	0	28	S	1345					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: 0551 ±1 Sec./ 1744 ±1 Sec./ ± Sec.

MF 1-10A
(1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 1 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER INITIALS (15)
SA	0047	CLR	20			106	71	35	08	02		997	802	MR
SA	0147	CLR	20			105	71	34	04	03		997		MR
SA	0250	CLR	20			106	70	36	31	02		997		MR
SA	0346	CLR	20			106	70	36	14	05		997	400 69 RADAT 68142	MR
SA	0448	CLR	20			114	68	36	19	02		999		MR
SA	0548	CLR	20			118	72	38	14	02		001		MR
SA	0646	CLR	20			123	77	38	12	05		003	215 1001	MR
SA	0748	CLR	20			121	85	40	28	04		003		MR
SA	0847	CLR	20			121	89	41	17	06		003		MR
SA	0946	CLR	20			121	91	43	20	12		003	102 1101 68	MR
SA	1045	CLR	20			114	96	43	24	08	G19	001		MR
SA	1145	CLR	20			109	94	42	24	12	G18	998		MR
SA	1250	CLR	20			101	98	42	25	12	G17	996	720 1100	MR
SA	1345	CLR	20			091	98	42	24	13	G19	994		MR
SA	1450	CLR	20			082	99	40	21	12	G18	991		MR
SA	1549	CLR	20			086	98	37	25	13	G21	992	514 1100 00 RADAT 20153	MR
SA	1647	CLR	20			084	97	35	24	10		991		MR
SA	1744	CLR	20			083	96	34	21	08		991		MR
SA	1846	CLR	20			081	93	32	22	07		991	603	MR
SA	1945	CLR	20			086	88	32	26	02		992		MR
SA	2046	CLR	20			089	86	31	22	02		994		MR
SA	2148	CLR	20			091	85	29	19	03		995	112 00	MR
SA	2246	CLR	20			091	83	30	02	02		995		MR
SA	2345	CLR	20			099	75	29	34	03		996		MR

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

FM12-VII: Iliii $i_R i_x h$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 JUL 19

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	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	26.570	71.0	52.0	26	0															0	8	.005			00-01
01 47	26.570	71.0	51.9	26	0															0					01-02
02 50	26.570	70.1	51.6	27	0															0					02-03
03 46	26.570	69.9	51.9	28	0															0	4	.000			03-04
04 48	26.590	67.7	51.2	31	0															0					04-05
05 48	26.600	72.3	53.7	29	0															0					05-06
06 46	26.615	76.7	55.3	24	0	0	Ci	250												0	2	.045			06-07
07 48	26.620	84.7	59.0	21	0															0					07-08
08 47	26.620	88.9	61.0	19	0															0					08-09
09 46	26.620	90.8	62.2	19	0	0	Cu	80	0	Ci	250	0								0	1	.005			09-10
10 45	26.600	95.7	63.7	16	0															0					10-11
11 45	26.580	94.0	63.0	17	0															0					11-12
12 50	26.560	97.6	64.0	15	0	0	Cu	80												0	7	.060			12-13
13 45	26.535	97.7	64.0	15	0															0					13-14
14 50	26.510	98.9	63.9	13	0															0					14-15
15 49	26.520	97.7	62.7	12	0	0	Cu	90												0	5	.040			15-16
16 47	26.510	96.5	61.6	12	0															0					16-17
17 44	26.510	95.9	61.2	12	0															0					17-18
18 46	26.510	92.8	59.6	12	0															0	6	.010			18-19
19 45	26.525	87.7	57.7	14	0															0					19-20
20 46	26.540	86.1	56.8	14	0															0					20-21
21 48	26.545	84.9	56.0	13	0															0	1	.035			21-22
22 46	26.550	83.1	55.5	15	0															0					22-23
23 45	26.555	75.1	52.0	18	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID TO 0342	X	0	0	X	75	69	X	X						X		
	0342	1	0	0	0	82	69		0								
	0942	2	0	0	0	91	68		0								
	1543	3	0	0	0	100	91		0								
	2144	4	0	0	0	98	85		0								
	MID.	X	0	0	0	85	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0946	1548	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.620	26.520	26.545
BAROGRAPH 64	26.565	26.620	26.520	26.535
BAR. CORR. 65	+.005	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	22	SW	1333					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: 0521 ±1 Sec./ 16498 ±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 JUL 2 0

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	0047	CLR	20			096	77	28	05	04		996	103	MR
SA	0147	CLR	20			098	73	27	05	05		996		MR
SA	0250	CLR	20			099	71	27	06	05		996		MR
SA	0351	CLR	20			102	72	28	10	04		997	303 71 RADAT 20152	MR
SA	0451	CLR	20			110	68	27	06	02		998		MR
SA	0547	CLR	20			117	72	28	09	04		001		MR
SA	0651	CLR	20			118	80	32	09	03		002	115	MR
SA	0746	CLR	20			123	85	33	00	00		003		MR
SA	0846	CLR	20			120	90	34	22	06		003		MR
SA	0948	CLR	20			118	94	33	20	11		003	103 68	MR
SA	1047	CLR	20			118	96	32	26	12		003		MR
SA	1149	CLR	20			115	97	33	23	12		001		MR
SA	1246	CLR	20			105	99	32	22	13	G22	998	814	MR
SA	1345	CLR	20			100	101	33	21	15	G22	997		MR
SA	1450	CLR	20			092	101	35	22	18	G26	994		MR
SA	1549	CLR	20			092	99	28	22	11	G21	994	614 02 RADAT 20159	MR
SA	1648	CLR	20			091	100	28	20	17	G23	993		MR
SA	1745	CLR	20			090	97	31	22	12	G19	993		MR
SA	1846	CLR	20			090	94	31	23	09		994	500	MR
SA	1947	CLR	20			095	90	29	24	07		996		MR
SA	2049	CLR	20			103	84	28	01	04		998		MR
SA	2147	CLR	20			106	81	27	02	06		999	115 02	MR
SA	2246	CLR	20			111	78	26	02	07		000		MR
SA	2348	CLR	20			111	77	25	02	05		000		MR

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

FM12-VII: Iiiii $i_R i_x$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 JUL 20

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.555	76.6	52.4	17	0															0	1	.010			00-01
01 47	26.555	73.0	50.6	18	0															0					01-02
02 50	26.560	71.0	49.7	19	0															0					02-03
03 51	26.565	71.8	50.5	20	0															0	3	.010			03-04
04 51	26.580	67.9	48.5	21	0															0					04-05
05 47	26.600	72.4	50.7	19	0															0					05-06
06 51	26.610	79.9	54.7	17	0															0	1	.045			06-07
07 46	26.620	84.7	57.0	16	0															0					07-08
08 46	26.620	89.7	59.0	14	0															0					08-09
09 48	26.620	94.2	60.2	11	0															0	1	.010			09-10
10 47	26.620	96.2	60.8	11	0															0					10-11
11 42	26.600	97.3	61.3	10	0															0					11-12
12 46	26.580	99.0	61.8	10	0															0	8	.040			12-13
13 45	26.565	100.6	62.6	10	0															0					13-14
14 50	26.540	101.2	63.2	10	0															0					14-15
15 49	26.540	99.2	60.8	8	0															0	6	.040			15-16
16 48	26.530	99.6	61.1	8	0															0					16-17
17 45	26.530	97.0	60.8	10	0															0					17-18
18 46	26.540	93.9	59.7	11	0															0	5	.000			18-19
19 47	26.535	89.9	57.9	11	0															0					19-20
20 49	26.575	84.2	55.3	13	0															0					20-21
21 47	26.585	81.4	54.1	14	0															0	1	.045			21-22
22 46	26.595	78.1	52.5	14	0															0					22-23
23 48	26.595	76.6	51.7	15	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346	X	0	0	X	77	71	X	X						X		
	0346	1	0	0	0	85	71		0								
	0943	2	0	0	0	94	68		0								
	1543	3	0	0	0	102	94		0								
	2143	4	0	0	0	100	81		0								
	MID.	X	0	0	0	81	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0948	1548	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.525	26.620	26.540	26.585
BAROGRAPH 64	26.560	26.620	26.540	26.575
BAR. CORR. 65	+.035	0	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	68	0	0	0	27	SW	1314					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: 0611 ☉ Sec./ 1749P ☉ 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 JUL 21

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Tens) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0047	CLR	20			111	75	25	10	04		000	103 1050	MR
SA	0147	CLR	20			114	72	25	04	03		001		MR
SA	0250	CLR	20			118	70	24	02	02		002		MR
SA	0353	130 SCT	20			120	70	26	12	04		002	105 1070 70	MR
—	—												RADAT 68153	—
SA	0448	80 SCT 130 SCT	20			128	69	25	13	02		004	CB VIRGA SE	MR
SA	0545	80 SCT 130 SCT 250 SCT	20			130	74	25	18	03		005	CB VIRGA SE	MR
SA	0649	80 SCT 130 SCT 250 SCT	20			130	85	33	19	03		006	TCU VIRGA S / 114 1263	MR
SA	0745	130 SCT 250 SCT	20			135	88	34	32	07		007		MR
SA	0846	130 SCT	20			135	90	37	24	07		007		MR
SA	0946	CLR	20			135	93	39	21	05		007	103 1060 69	MR
SA	1046	130 SCT	20			131	97	38	24	14	G20	006		MR
SA	1145	130 SCT	20			124	100	40	22	15	G20	004		MR
SA	1245	90 SCT 150 SCT	20			115	102	40	23	15	G22	002	817 1170	MR
SA	1345	150 SCT 230 SCT	20			110	104	42	24	16	G22	000		MR
SA	1450	150 SCT	20			102	103	43	22	15	G23	997		MR
SA	1550	90 SCT 170 SCT	20			099	101	41	23	14	G22	996	717 1170 04 RADAT 56162	WRC
SA	1650	170 SCT	20			096	100	43	19	11		995	K LYR DSNT STHW E	WRC
SA	1750	170 SCT	20			095	95	43	21	14		996	K LYS SE	WRC
SA	1850	90 SCT 170 SCT	20			095	95	43	22	14		996	MTNS SE OBSCD BY K 500	/
/	/	/	/			/	/	/	/	/		/	1470	WRC
SA	1950	90 SCT 170 SCT	20			102	92	42	24	08		998	MTNS SE OBSCD/K	WRC
SA	2050	90 SCT 170 SCT	20			106	89	42	24	07		999	MTNS SE OBSCD/K	WRC
SA	2150	90 SCT 170 SCT	20			111	86	42	06	07		001	MTNS SE OBSCD/K 214	WRC
/	/	/	/			/	/	/	/	/		/	1470 04	WRC
SA	2250	90 SCT 170 SCT	20			114	86	42	30	06		002	MTNS SE OBSCD/K	WRC
SA	2350	90 SCT	20			114	82	41	03	06		002		WRC

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

FM12-VII: Iiiii $i_R i_x h VV$ Nddff $1s_n TTT$ $2s_n T_d T_d T_d$ $3P_0P_0P_0P_0$ 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 JUL 21

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 47	26.585	75.2	51.1	15	0	0	AC	100												0	1	.010			00-01
01 47	26.600	72.2	49.9	17	0															0					01-02
02 50	26.610	70.1	48.8	18	0															0					02-03
03 53	26.610	69.6	49.0	20	1	1	AC	130												1	1	.015			03-04
04 48	26.630	68.8	48.4	19	1															1					04-05
05 45	26.640	73.9	50.5	16	2															2					05-06
06 49	26.650	85.1	57.1	16	5	2	CU	80	2	AC	130	4	1	CI	250	5				5	1	.040			06-07
07 45	26.660	87.6	58.3	15	4															4					07-08
08 46	26.660	90.1	60.0	16	1															1					08-09
09 46	26.660	92.8	61.5	15	0	0	AC	130												0	1	-.010			09-10
10 46	26.650	96.9	62.6	13	1															1					10-11
11 45	26.630	100.0	64.2	13	1															1					11-12
12 45	26.610	102.3	65.0	12	2	1	CU	90	1	AC	150	2								2	8	-.050			12-13
13 45	26.595	103.6	65.9	12	2															2					13-14
14 50	26.570	102.6	65.9	13	1															1					14-15
15 50	26.560	101.2	65.1	13	4	1	CU	90	3	AC	170	4								4	7	.050			15-16
16 50	26.550	100.0	65.2	14	2															2					16-17
17 50	26.555	98.3	64.8	15	2															2					17-18
18 50	26.560	95.3	63.6	16	5	2	SC	90	3	AC	170	5								5	5	.000			18-19
19 50	26.580	92.2	62.4	18	5															3					19-20
20 50	26.590	89.2	61.2	19	5															3					20-21
21 50	26.600	85.7	60.0	21	4	1	SC	90	3	AC	170	4								3	2	.040			21-22
22 50	26.610	86.0	60.3	22	3															3					22-23
23 50	26.610	82.0	58.6	24	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 0348	X	0	0	X	77	70	X	X						X		
	0348	1	0	0	0	81	70		0								
	0942	2	0	0	0	93	69		0								
	1546	3	0	0	0	104	93		0								
	2146	4	0	0	0	101	86		0								
	MID.	X	0	0	0	86	82	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0946	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.640	26.660	26.560	26.600
BAROGRAPH 64	26.605	26.665	26.575	26.600
BAR. CORR. 65	+.005	*-.005	-.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 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
104	69	0	0	0	23	SW	1445					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: 0653 ±1 Sec./ 2310 ±1 Sec./ ± Sec.

*BAROGRAPH CHART CHANGED 1015 RESET TO I.O 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 JUL 22

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. (Whole) (16)	TEMP. (17)	DEW PT. (18)	WIND DIRECTION (00-36) (19)	WIND SPEED (Kts.) (20)	WIND CHARACTER (21)	ALTIMETER SETTING (Ins.) (22)	REMARKS AND SUPPLEMENTAL CODED DATA (23)	OBSERVER'S INITIALS (25)
SA	0050	90 SCT	20			114	83	43	03	05		002	103 1400	WRG
SA	0150	90 SCT	20			109	81	43	02	03		001		WRG
SA	0250	90 SCT	20			111	84	43	34	04		001		WRG
SA	0349	E120 OVC	20			112	83	41	01	07		002	500 107/81 RAHT 95150	JK
SA	0449	E120 BKN	20			121	81	44	03	07		004		JK
SA	0548	E120 BKN	20			125	84	43	03	06		005		JK
SA	0646	E140 BKN	20			124	89	41	29	08		005	110 107X	JK
SA	0750	140 SCT	20			128	91	41	29	03		006		JK
SA	0846	140 SCT	20			128	94	42	26	10		006		JK
SA	0947	140 SCT 250 SCT	20			124	99	44	23	15		005	000 1171 80	JK
SA	1045	140 SCT 250 SCT	20			124	100	46	19	20		005		JK
SA	1148	140 SCT	20			122	99	49	21	15		004		JK
SA	1246	140 SCT 250 SCT	20			117	101	47	23	20		003	8c7 1171	JK
SA	1345	90 SCT 140 SCT 250 SCT	20			110	100	47	23	20		001		JK
SA	1446	90 SCT 140 SCT	20			104	100	48	19	13		000		JK
SA	1550	90 SCT 140 SCT	20			096	101	48	23	14G22		997	CB SE MOUG N 819 1370	/
													02 RADAT 70163	WRG
SA	1650	90 SCT 140 SCT 250 SCT	20			093	99	48	18	16G25		996	CB SE MOUG N	WRG
SA	1750	90 SCT 140 SCT E250 BKN	20			091	98	49	18	13		996	CB S THRU E MOUG N	WRG
SA	1850	90 SCT E140 BKN 250 BKN	20			098	94	54	18	19		997	RWU SE MOUG N 302 1371	WRG
SA	1950	90 SCT E140 BKN 250 BKN	20			101	91	55	21	12		998	CB S THRU E MOUG N	WRG
SA	2050	90 SCT E140 BKN	20			109	89	56	22	12G20		001	CB DSNT E MOUG N	WRG
SA	2145	90 SCT 140 SCT	20			111	88	55	05	04		002	CB MOUD N 214 1470 02	WRG
SA	2250	90 SCT 140 SCT	20			112	88	56	23	12G23		002		WRG
SA	2350	90 SCT 140 SCT	20			113	87	56	23	10G18		002		WRG

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

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

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 JUL 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 50	26.610	83.0	57.7	25	1	1	SC	90												1	1	.010			00-01
01 50	26.600	80.5	58.6	26	2															2					01-02
02 50	26.600	83.6	59.9	24	2															2					02-03
03 49	26.610	83.0	59.0	23	10	10	AC	120												8	5	.000			03-04
04 49	26.630	80.6	59.2	28	8															7					04-05
05 48	26.640	84.1	60.1	24	6															5					05-06
06 46	26.640	89.0	61.0	19	6	6	AC	E140												5	1	.030			06-07
07 50	26.650	91.2	61.8	18	4															4					07-08
08 46	26.650	94.0	63.0	17	2															2					08-09
09 47	26.640	98.9	65.1	15	3	0	CU	90	2	AC	140	2	1	CI	250	3				3	0	.000			09-10
10 45	26.640	99.8	66.2	16	5															5					10-11
11 48	26.630	99.0	67.0	18	2															2					11-12
12 46	26.620	101.2	67.1	16	3	0	CU	90	2	AC	140	2	1	CI	250	3				3	8	.020			12-13
13 45	26.600	100.1	66.8	17	3															3					13-14
14 46	26.590	100.3	67.2	17	3															3					14-15
15 50	26.565	100.8	67.2	17	4	1	CB	90	4	AC	140	4								4	8	.055			15-16
16 50	26.555	99.0	66.8	18	5															5					16-17
17 50	26.555	97.6	66.7	20	8															6					17-18
18 50	26.570	93.6	67.6	27	8	1	CB	90	6	AC	E140	7	1	CI	250	8				7	3	.005			18-19
19 50	26.575	90.6	67.0	30	8															7					19-20
20 50	26.600	88.6	66.9	33	7															7					20-21
21 45	26.610	88.2	66.4	33	5	2	SC	90	3	AC	140	5								5	2	.040			21-22
22 50	26.610	87.7	66.8	34	4															4					22-23
23 50	26.610	87.3	66.5	34	4															4					23-24

CLOUDS AND OBSCURING PHENOMENA

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	84	81	X	X						X		
	0344	1	0	0	0	86	81		0								
	0943	2	0	0	0	99	80		0								
	1546	3	0	0	0	102	99		0								
	2141	4	0	0	0	101	88		0								
	MID.	X	0	0	0	88	87	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0944	1548	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.610	26.640	26.565	26.610
BAROGRAPH 64	26.600	26.640	26.565	26.605
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 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
102	80	0	0	0	25	5	1641					5	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0715 ±01 Sec./ 2345 ±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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 23

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. (Mb.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (09-36) (9)	WIND SPEED (Knots) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (In.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SERVERS INITIALS (14)
SA	0050	90 SCT	20			112	86	56	19	13		002	400 1400	RG
SA	0150	E90 BKN	20			109	86	56	18	09		001		RV
SA	0250	90 SCT	20			109	84	55	16	08		001		RV
SA	0348	90 SCT E140 OVC	20			109	87	55	10	02		001	603 1421/83 RADAT 94150	JK
SA	0449	E90 BKN 140 BKN 250 OVC	20		RW-	118	80	62	15	10		003	RB20	JK
SA	0549	90 SCT E140 BKN 250 OVC	20			118	81	58	13	07		003	RE03	JK
SA	0648	E140 BKN 250 OVC	20			123	81	60	13	05		004	31000 1421	JK
SA	0750	140 SCT E250 OVC	20			126	87	53	19	10		005	CU SE	JK
SA	0846	250-OVC	20			122	92	47	19	10G21		004	CU SE	JK
SA	0945	90 SCT 250-OVC	20			118	93	50	22	09G21		003	80300 1207 80	JK
SA	1047	90 SCT 250-BKN	20			110	95	52	23	20		001	TCU N AND SE	JK
SA	1148	90 SCT 250-OVC	20			105	98	52	22	20		000	CB NE TCU ALQDS	JK
SA	1246	90 SCT 250-OVC	20			098	97	49	21	12G24		998	CB NE OCNL LTGIC NE 817 1307	JK
SA	1345	90 SCT 250-OVC	20			091	100	53	23	10		996	CB NE RWU NE	JK
SA	1445	E90 BKN 250 OVC	20			091	95	52	11	23		996	CB ALQDS WNDSHFTDGRDLY	JK
SA	1550	E90 BKN 250 OVC	20			097	90	53	10	18G26		993	CB ALQDS MOVG N 714	/
													1308 00 RADAT 63148	RG
SA	1650	E90 BKN 250 OVC	20			088	90	49	09	20G30		993	CB ALQDS MOVG N	RG
SA	1750	E90 BKN 250 OVC	20			094	87	52	09	20		994	CB ALQDS MOVG N VIRGA NE	RG
SA	1850	E90 BKN 250 BKN	20			110	84	54	26	03		998	CB ALQDS MOVG ~~WND~~	/
													WSHFT 30 317 1308	RG
SA	1950	E90 BKN 250 BKN	20		RW-	109	83	55	07	07		999	CB N THUS MOVG N RB17	RG
SA	2050	E90 BKN 250 BKN	20			106	84	52	13	17		999	RE11	RG
SA	2145	E90 BKN 250 BKN	20			103	83	51	11	18		998	80200 1408 00	RG
SA	2250	90 SCT	20			108	81	53	24	07		999	WND SHFTD GRDLY	RG
SA	2350	90 SCT	20			105	79	53	13	05		999		RG

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 JUL 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	26.610	86.4	66.4	36	3	3	SC	90												3	4	.000			00-01
01 50	26.600	85.7	66.0	36	6															6					01-02
02 50	26.600	84.2	65.2	37	4															4					02-03
03 48	26.600	83.5	65.1	38	10	1	SC	90	10	AC	E140	10								9	6	.010			03-04
04 49	26.620	80.0	68.0	55	10															8					04-05
05 49	26.620	80.9	65.8	46	10															8					05-06
06 48	26.630	81.1	66.7	48	10	0	SC	90	6	AC	E140	6	4	CI	250	10				7	3	.030			06-07
07 50	26.640	82.2	65.2	31	10															6					07-08
08 46	26.630	91.6	64.1	22	10															4					08-09
09 45	26.620	92.9	65.7	23	10	2	CU	90	10	CS	250	10								4	8	.010			09-10
10 47	26.600	95.0	67.0	23	8															3					10-11
11 48	26.590	97.8	68.0	22	10															4					11-12
12 46	26.570	96.9	66.3	20	10	3	CB	90	10	CS	250	10								4	8	.050			12-13
13 45	26.550	99.6	68.9	21	10															5					13-14
14 45	26.550	94.9	67.3	24	10															7					14-15
15 50	26.530	90.0	66.1	29	10	8	CB	E90	2	CS	250	10								8	7	.040			15-16
16 50	26.530	90.3	64.3	24	10															8					16-17
17 50	26.540	87.2	64.8	30	10															8					17-18
18 50	26.580	83.6	64.7	37	9	7	CB	E90	2	CS	250	9								8	3	.050			18-19
19 50	26.585	83.2	65.0	39	9															8					19-20
20 50	26.585	83.8	63.4	33	8															7					20-21
21 45	26.575	83.4	62.8	32	7	6	SC	E90	1	CS	250	7								7	8	.005			21-22
22 50	26.590	80.9	63.1	38	3															3					22-23
23 50	26.585	79.2	62.7	41	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		0	0		87	83										
	0343	1	0	0	0	88	83		0								
	0942	2	T	0	0	93	80		0								
	1546	3	0	0	0	100	90		0								
	2141	4	T	0	0	91	82		0								
	MID.		0	0	0	84	79										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0345	0944	1546	2143
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.600	26.620	26.530	26.575
BAROGRAPH 64	26.600	26.625	26.535	26.575
BAR. CORR. 65	±.0	-.005	-.005	±0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	79	T	0	0	30	E	1642					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0420	0503			
RW-	1917	2011			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0810 F ±1 Sec. 2343 ±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, NY

DATE: 1982 JUL 24

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	90 SCT	20			112	77	55	13	03		000	307 1400	WRG
SA	0150	90 SCT	20			110	75	54	32	08		000		WRG
SA	0250	90 SCT	20			107	75	53	01	04		998		WRG
SA	0345	90 SCT	20			115	73	52	13	02		000	502 140073 RADAT 66146	JK
SA	0448	E 90 BKN 250 BKN	20			122	73	54	12	03		002	CB W	JK
SA	0550	E 100 BKN 250 OVC	20			126	75	55	00	00		003	CB NW	JK
SA	0647	90SCT E 140 BKN 250 OVC	20			131	79	55	12	04		004	CB W TAR NW/314 1371	JK
SA	0745	E 90 BKN 140 OVC	20		RW-	135	79	55	23	03		005	RWU S RB41	JK
SA	0845	E 90 BKN 140 OVC	20		RW-	146	78	59	27	10		009		JK
SA	0946	E 90 BKN 140 OVC	10		RW-	157	72	62	24	08		011	32001 157/ 72	JK
SA	1047	90SCT E140 BKN 250 OVC	20			157	72	63	30	04		011	RE35	JK
SA	1148	90SCT E 140 BKN 250 OVC	20			157	75	60	22	10		011	RWU SW	JK
SA	1249	90SCT E 140 OVC	10		R-	162	69	64	25	03		011	RB10 40003 152/	JK
SA	1345	90SCT E 140 BKN 250 OVC	20		R-	143	70	67	07	06		005	WND SHFTD GRDLY	JK
SA	1445	90SCT 140 SCT 250 - OVC	20			132	77	61	29	03		003	RE02 CB S	JK
SA	1550	90SCT E 160 BKN 250 BKN	20			124	76	59	34	04		001	CB S DSIPTD 63004 1262	WRG
~~SA~~	~~1650~~	~~90 SCT 160 SCT E 250 BKN~~	~~20~~			~~119~~	~~80~~	~~59~~	~~01~~	~~05~~		~~999~~	80 RADAT 72153	~~WRG~~
SA	1650	90 SCT 160 SCT E 250 BKN	20			119	80	59	01	05		999		WRG
SA	1750	160 SCT E 250 BKN	20			117	78	59	04	06		999		WRG
SA	1850	160 SCT E 250 BKN	20			121	76	60	05	06		000	502 1072	WRG
SA	1950	160 SCT 250 - BKN	20			127	75	61	05	07		002		WRG
SA	2050	160 SCT 250 - BKN	20			133	73	61	09	03		003		WRG
SA	2150	90 SCT 160 SCT	20			140	72	62	04	04		004	CB DSNT NW MOVG N OCNL	/
~~SA~~	~~2250~~	~~90 SCT 160 SCT~~	~~20~~				~~73~~	~~56~~	~~03~~	~~05~~			LTGIC 212 1970 ~~SCT~~	~~WRG~~
SA	2250	90 SCT 160 SCT	20			139	73	56	03	05		004	CB DSNT NW MOVG N OCNL LTGIC	WRG
SA	2350	90 SCT 160 SCT	20			143	70	57	36	07		005	CB DSNT NW MOVG N OCNL LTGIC	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 JUL 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.
00 50	26.595	77.2	62.7	46	2	2	SC	90												2	3	.020			00-01
01 50	26.595	75.0	61.6	48	3															3					01-02
02 50	26.580	75.0	61.3	47	3															3					02-03
03 45	26.590	73.0	60.0	48	3	3	SC	90												3	5	.005			03-04
04 48	26.610	73.2	61.0	51	8															6					04-05
05 50	26.620	75.3	62.1	49	10															7					05-06
06 47	26.630	78.9	63.7	45	10	2	CB	90	6	AC	E40	8	2	CI	250	10				7	3	.040			06-07
07 45	26.640	78.9	63.7	45	10															10					07-08
08 45	26.670	77.6	65.2	53	10															10					08-09
09 46	26.690	71.8	65.1	71	10	6	SC	E90	4	AC	140	10								10	3	.060			09-10
10 47	26.690	72.1	65.6	72	10															9					10-11
11 48	26.690	74.9	65.2	61	10															10					11-12
12 49	26.690	68.8	65.5	84	10	4	SC	90	6	NS	E140	10								10	4	.000			12-13
13 45	26.640	70.0	67.6	89	10															8					13-14
14 45	26.620	76.5	66.3	60	10															4					14-15
15 50	26.600	78.3	65.2	51	8	3	CU	90	4	AC	E160	7	1	CI	250	8				6	6	.090			15-16
16 50	26.590	80.0	66.2	50	8															6					16-17
17 50	26.585	78.2	65.7	53	8															6					17-18
18 50	26.595	76.4	65.2	56	7	1	AC	160	6	CI	E250	7								6	5	.005			18-19
19 50	26.610	75.2	65.4	61	6															3					19-20
20 50	26.620	72.8	65.3	67	6															3					20-21
21 50	26.630	71.5	64.8	71	4	1	CB	90	3	AC	160	4								4	2	.035			21-22
22 50	26.630	73.1	62.2	55	3															3					22-23
23 50	26.640	70.2	61.9	64	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TC 0343		0	0		79	73										
	0343	1	0	0	0	84	73		0								
	0944	2	.01	0	0	79	72		1								
	1546	3	.08	0	0	80	69		1								
	2146	4	0	0	0	81	72		0								
	MID.		0	0	0	74	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0344	0945	1548	2148
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.590	26.690	26.600	26.630
BAROGRAPH 64	26.590	26.700	26.600	26.625
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
81	69	.09	0	0	10	SW	1147					9	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0741	1035			
R-	1210	1402			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0630 P ⊙ / Sec. / 2330 (*) / Sec. / ± Sec.

*Last of several occurrences

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

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

MF1-10A (1-82)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: 1982 JUL 25

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (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	0050	160 SCT	20			146	69	59	06	05		005	CB MOVD N 103 1070	WRG
SA	0150	160 SCT	20			147	70	57	08	03		005		WRG
SA	0250	160 SCT	20			147	69	59	05	03		006		WRG
SA	0353	150 SCT	20			149	69	60	02	03		008	307 1060 68 20009	/
/													RADAT 87141	HS
SA	0448	150 SCT 250-SCT	20			153	67	60	05	02		009	CU SE	HS
SA	0546	250-SCT	20			157	69	60	15	03		010		HS
SA	0647	250-SCT	20			155	74	59	30	03		010	107 1101	HS
SA	0748	250-SCT	20			154	80	59	19	04		011	CU SE	HS
SA	0847	250-BKN	20			154	82	58	20	04		011	CU SE	HS
SA	0947	250-OVC	20			153	85	59	25	07		011	TCU SE 102 1201 67	HS
SA	1047	80SCT E250 OVC	20			151	85	60	25	06		011	CB RWU SE TCU ALQDS	HS
RS	1147	80SCT 250-OVC	20		T	148	88	60	26	09		009	T SE MOVG N B44	/
/													CB ALQDS	HS
SA	1247	80SCT E250 OVC	20		T	136	90	57	11	14		005	T E MOVG N CB ALQDS	/
/													815 1302	HS
SP	1306	80SCT 250-OVC	20						11	08		005	T E DSIPTD E05	/
/													CB ALQDS RWU SE	HS
SA	1348	80SCT E250 OVC	20			125	89	58	13	10		002	CB ALQDS RWU SE	HS
SA	1445	E80 BKN 250 BKN	20			126	89	55	13	16		002	CB ALQDS RWU SE	HS
SA	1551	E80 BKN 250 BKN	20			116	90	53	11	08		000	CB NE-SE/817 1901 90	EP
/													RADAT 63155	/
SA	1647	E80 BKN 250 BKN	20			118	88	50	12	03		000	CB ALQDS	EP
SA	1748	80SCT E200 BKN 250 OVC	20			119	85	52	11	11		000	CB W-N	EP
SA	1848	E200 BKN 250 OVC	20			126	86	51	12	10		003	308 1218	EP
SA	1947	180SCT E250 OVC	20			130	82	59	23	09		004	OCNL DSNT LTG NW	EP
SA	2047	180SCT E250 OVC	20			137	81	56	22	06		007	OCNL DSNT LTG W AND N	EP
SA	2147	180SCT 250-OVC	20			141	79	57	34	04		008	115 1387 90	EP
SA	2246	180SCT 250-OVC	20			141	79	57	01	06		008	DSNT LTG NW	EP
SA	2346	180SCT E250 OVC	20			140	79	57	03	07		008	OCNL DSNT LTG NW	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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 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 50	26.640	69.0	62.7	71	2	2	AC	160												2	1	.010			00-01
01 50	26.640	70.2	62.0	64	2															2					01-02
02 50	26.650	69.2	62.4	69	2															2					02-03
03 53	26.660	69.1	63.0	72	1	1	AC	150												1	3	.020			03-04
04 48	26.670	67.0	62.2	78	3															1					04-05
05 46	26.680	69.2	63.3	73	3															0					05-06
06 47	26.680	73.8	64.3	61	5	0	CU	80	5	CI	250	5								1	1	.020			06-07
07 48	26.685	80.4	66.0	48	5															1					07-08
08 47	26.685	82.4	66.1	43	9															1					08-09
09 47	26.685	85.1	67.7	42	10	0	CU	80	10	CI	250	10								2	1	.005			09-10
10 47	26.680	85.1	68.0	43	10															6					10-11
11 47	26.670	87.9	69.0	40	10															5					11-12
12 47	26.640	89.6	68.0	34	10	5	CB	80	5	CI	E250	10								6	8	.045			12-13
13 48	26.610	89.0	68.3	36	10															6					13-14
14 45	26.610	89.1	66.7	32	9															6					14-15
15 51	26.590	89.8	66.0	29	8	6	CB	E80	2	CI	250	8								7	8	.050			15-16
16 47	26.590	87.5	64.0	28	9															9					16-17
17 48	26.590	85.2	63.9	32	10															9					17-18
18 48	26.615	85.5	63.5	30	10	0	CU	80	8	AS	E200	8	2	CS	250	10				9	3	.025			18-19
19 47	26.630	81.8	66.4	46	10															9					19-20
20 47	26.650	81.3	64.9	42	10															9					20-21
21 47	26.660	78.6	64.2	47	10	1	AC	180	10	CS	250	10								3	1	.045			21-22
22 46	26.660	78.8	64.3	47	10															5					22-23
23 46	26.660	79.0	64.7	48	10															7					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	70	68	X	X						X		
	0350	1	0	0	0	74	68		0								
	0942	2	0	0	0	87	67		0								
	1545	3	0	0	0	90	85		0								
	2143	4	0	0	0	90	79		0								
	MID.	X	0	0	0	79	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0946	1546	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.660	26.685	26.590	26.660
BAROGRAPH 64	26.660	26.690	26.600	26.650
BAR. CORR. 65	0	+.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
90	67	0	0	0	20	E	1633					8	7		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1147	1305			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK - CLOCK AT: 0950P ✓ Sec. / 2100 ✓ Sec. / ± Sec.

BAROGRAPH CHANGED RE-SET TO "0" 0950P

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 JUL 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 (13)	VISIBILITY (Miles) TOWER (14)	WEATHER AND OBSTRUCTIONS TO VISION (4)	SEA LEVEL PRESS. (Mbs.) (5)	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	180SCT 250- OVC	20			144	77	59	07	05		009	OCNL DSNT LTG W/303	EP
/													1031	/
SA	0150	80SCT 180SCT E250 OVC	20			148	77	58	06	11		010	OCNL DSNT LTG NW	EP
SA	0250	80SCT 180SCT E250 OVC	20			148	76	59	36	06		010	OCNL DSNT LTG NW	EP
SA	0348	E140 BKN 250 OVC	20			148	75	59	05	10		010	103 1078 75 RADAT 79145	HS
SA	0447	E100 BKN 250 OVC	20			152	75	61	04	12		011		HS
SA	0549	E100 BKN 250 BKN	20			157	76	58	06	12		012		HS
SA	0649	E100 OVC	20			161	77	57	05	12		013	RWY NW 210 12//	HS
SA	0748	E100 OVC	20			165	79	57	06	11		014	RWY NW	HS
SA	0848	E100 OVC	20			161	81	58	11	07		013	RWY NW	HS
SA	0946	E90 OVC	20			167	77	59	20	17		014	103-12// 75	HS
SA	1049	E90 BKN 1600VC	20		RW-	175	76	60	23	11		016	RB05 PCPN VRY LGT	HS
SA	1147	30SCT E90 BKN 1600VC	20		RW-	171	77	63	20	07		015		HS
SA	1249	30SCT E90 BKN 160 BKN	20			166	79	62	06	06		012	CBALQDS RWY SE RE25	/
/													80701 1360	HS
SA	1349	90SCT E160 BKN 250 BKN	20			152	81	59	08	05		010	CB ALQDS RWY SE	HS
SA	1450	90SCT E160 BKN 250 BKN	20			149	80	62	21	05		009	CBALQDS RB20E40	/
/													RWY SE	HS
SA	1547	90SCT E160 BKN 250 BKN	20		RW-	142	78	64	09	09		007	CB NW AND SE RB35/91701	EP
/													1331 82 RADAT 94151	/
SA	1648	90SCT E160 BKN 250 BKN	20			140	83	61	13	06		007	CB NW RE01	EP
SA	1745	90SCT E140 BKN 250 BKN	20			139	82	60	15	05		006	~~602 1431~~	EP
SA	1851	90SCT 140SCT E250 BKN	20			139	80	62	25	06		006	602 1431	EP
SA	1946	140SCT E250 OVC	20			145	80	58	25	08		008		EP
SA	2045	140SCT 250- BKN	20			151	78	58	23	06		010		EP
SA	2148	150SCT E200 OVC	20			154	76	58	26	03		010	112 1017 83	EP
SA	2245	150SCT E200 OVC	20			158	76	58	00	00		011		EP
SA	2348	E150 BKN 200 OVC	20			156	75	59	04	04		011		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 26

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

TIME (L.S.T.) 10	STATION PRESSURE (Ins.) 12	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 49	26.670	76.5	64.8	55	10	2	Ac	180	10	Ci	250	10								5	3	.010				00-01
01 50	26.680	76.7	64.5	53	10															7						01-02
02 50	26.680	76.0	64.5	55	10															8						02-03
03 48	26.680	75.0	64.2	57	10	6	Ac	E140	4	Cs	250	10								9	1	.010				03-04
04 47	26.690	75.3	65.7	62	10															9						04-05
05 49	26.700	75.6	64.0	54	9															7						05-06
06 49	26.710	76.7	63.6	50	10	10	Cu	E100												10	2	.030				06-07
07 48	26.720	78.8	64.5	47	10															10						07-08
08 48	26.710	80.7	65.4	45	10															10						08-09
09 46	26.720	77.4	65.4	54	10	10	Cu	E90												10	1	.010				09-10
10 49	26.740	76.0	65.3	58	10															10						10-11
11 47	26.730	76.8	67.3	62	10															10						11-12
12 49	26.700	79.0	67.2	56	9	1	CuFRA	30	5	CB	E90	6	3	Ac	160	9				9	8	.020				12-13
13 49	26.680	80.7	66.2	48	9															9						13-14
14 50	26.670	80.0	67.6	54	9															9						14-15
15 47	26.650	78.0	68.5	63	9	2	CB	90	4	Ac	E160	6	3	Ci	250	9				8	7	.050				15-16
16 48	26.650	82.6	67.7	48	9															8						16-17
17 45	26.645	81.9	67.2	48	9															8						17-18
18 51	26.645	80.1	66.5	50	9	1	Sc	90	3	Ac	140	4	5	Ci	E250	9				6	6	.005				18-19
19 46	26.665	80.0	65.2	47	10															9						19-20
20 45	26.680	78.1	64.8	50	8															3						20-21
21 48	26.680	76.0	64.3	54	10	2	As	150	10	Cs	E200	10								9	1	.035				21-22
22 45	26.690	75.6	64.3	55	10															9						22-23
23 48	26.685	74.8	64.2	58	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. 79 0343	X	0	0	X	79	75	X	X						X		
	0343	1	0	0	0	79	75		0								
	0941	2	0	0	0	82	75		0								
	1544	3	.01	0	0	82	76		1								
	2144	4	T	0	0	83	76		0								
	MID.	X	0	0	0	76	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0945	1545	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.680	26.720	26.650	26.680
BAROGRAPH 64	26.680	26.725	26.660	26.680
BAR. CORR. 65	0	-.005	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML 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
83	75	.01	0	0	22	NE	0615					10	9		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1005	1225			
RW-	1420	1440			
RW-	1535	1601			

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: 0845 (1 Sec.) 2001 (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 JUL 27

TO CONVERT LST TO GMT: ADD ____ 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 (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	E150 BKN 200 OVC	20			154	76	59	08	06		011	002 1017	EP
SP	0128	30SCT E70 BKN 150 OVC	7		TRW				04	10		012	TB27 OVHD MOVG N RB18	EP
SA	0145	30 SCT E70 OVC	7		TRW	165	65	64	03	12		012	TB27 N MOVG N RB18	EP
SP	0202	30 SCT E70 OVC	10		RW-				08	04		014	TE01 DSPTD	EP
SA	0250	30 SCT E70 OVC	10		RW-	173	65	65	04	03		014	CB ALQDS	EP
SA	0350	30 SCT E70 OVC	10		RW	181	66	66	35	02		016	21943 ONE 14 // 65	/
/													RADAT 89142 44	HS
SA	0446	E30 BKN E70 OVC	10		RW-	179	65	65	03	05		016	MTN TPS OBSCD ALQDS	HS
SA	0546	30SCT E70 OVC	20			178	67	64	04	08		016	MTN TPS OBSCD SE NW	HS
SA	0651	30SCT E90 OVC	20			184	68	65	10	07		017	TCU SE BINOVC MTN TPS	/
/													OBSCD ALQDS 30314 14 //	HS
SA	0746	30SCT E90VC	20		RW-	182	70	66	11	08		017	SC ON MTNS NW RB35	HS
SA	0849	30 SCT E90 BKN	20			187	71	65	32	03		018	SC ON MTN S RE1556	HS
SA	0949	30 SCT 80SCT	20			185	75	65	15	03		018	TCU SE AND NW 10314	/
/													1200 65	HS
SA	1047	70SCT	20			176	78	64	06	03		016	SCT V BKN TCU SE AND NW	HS
SA	1148	70SCT	20		165	175	81	64	25	08		014	SCT V BKN CB SE	HS
SA	1249	70 SCT	20			159	83	64	23	09		012	CB E MOVG NE * 1300 720	HS
SA	1347	70SCT	20			164	84	61	25	09		012	CB NE MOVG NE	HS
SA	1449	70SCT	20			156	85	60	18	05		010	CB N AND NE MOVG NE	HS
SA	1550	70SCT 250SCT	20			146	87	59	26	07		008	TCU ALQDS/814 1201 87	EP
/													RADAT 78155	/
SA	1648	70SCT 250SCT	20			147	86	59	19	09		008	TCU NW	EP
SA	1747	80SCT 250 SCT	20			142	86	59	13	04		007	TCU ALQDS	EP
SA	1846	80SCT 250 SCT	20			146	84	61	26	05		008	TCU ALQDS / 500 1201	EP
SA	1946	80SCT 250 SCT	20			152	82	63	00	00		009	TCU NW	EP
SA	2048	80SCT	20			161	79	68	05	04		012		EP
SA	2147	E 80 BKN	20			157	78	68	06	05		011	010 1400 87	EP
SA	2245	80SCT	20			156	78	67	03	05		011		EP
SA	2349	80SCT	20			153	77	65	09	05		011		EP

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

FM12-VII: Iliii $i_R i_X h$VV 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 JUL 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	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	26.685	75.7	64.7	57	10	6	AS	E150	4	CS	200	10								10	0	.005			00-01
01 45	26.700	64.7	64.5	99	10															10					01-02
02 50	26.720	65.0	65.0	100	10															10					02-03
03 50	26.740	66.3	66.3	100	10	3	SC	30	7	CU	E70	10								10	2	.055			03-04
04 45	26.740	65.0	65.0	100	10															10					04-05
05 46	26.740	67.0	65.1	91	10															10					05-06
06 51	26.750	68.3	66.2	90	10	3	SC	30	7	CU	E90	10								10	3	.010			06-07
07 46	26.750	69.9	67.2	87	10															10					07-08
08 49	26.760	71.1	67.1	82	8															8					08-09
09 49	26.760	75.4	68.3	71	5	1	SC	30	4	CU	80	5								5	1	.010			09-10
10 47	26.740	78.2	68.1	61	5															5					10-11
11 45	26.720	81.2	69.2	56	5															5					11-12
12 49	26.700	83.0	69.9	53	4	4	CB	70												4	7	.060			12-13
13 47	26.700	83.9	68.0	46	4															4					13-14
14 49	26.680	85.3	68.0	42	3															3					14-15
15 50	26.660	86.7	68.0	39	1	1	CU	70	D	CI	250	1								1	8	.040			15-16
16 48	26.660	85.8	67.8	41	1															1					16-17
17 47	26.650	86.1	67.6	38	1															1					17-18
18 46	26.660	83.6	68.3	47	1	1	CU	80	0	CI	250	1								1	5	.000			18-19
19 46	26.675	81.8	68.8	53	3															3					19-20
20 48	26.695	79.3	71.2	68	3															3					20-21
21 47	26.690	78.4	71.1	71	6	6	SC	E80												6	0	.030			21-22
22 45	26.690	77.8	70.2	70	4															4					22-23
23 49	26.685	77.3	69.0	67	3															3					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	1.43	0	X	76	65	X	X						X		
	0345	1	1.43	0	0	76	65		2								
	0944	2	.14	0	0	76	65		2								
	1545	3	0	0	0	87	75		1								
	2144	4	0	0	0	87	78		0								
	MID.	X	0	0	0	78	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.740	26.760	26.660	26.690
BAROGRAPH 64	26.730	26.750	26.660	26.680
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
87	65	1.57	0	0	15	SW	1325					4	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	0118	0127			
RW	0127	0148			
T	0127	0201			
RW-	0148	0256			
RW	0256	0415			
RW-	0415	0520			
RW-	0735	0756			

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: 0951P Sec. 1955 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 JUL 28

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. (Mbs.) (16)	TEMP. (°F) (17)	DEW PT. (°F) (18)	WIND DIRECTION (00-36) (19)	WIND SPEED (Kts.) (20)	WIND CHARACTER (21)	ALTIMETER SETTING (Hgs.) (22)	REMARKS AND SUPPLEMENTAL CODED DATA (23)	OBS. NTAEPS (25)
SA	0048	80 SCT	20			152	75	69	06	04		010	803 1400	EP
SA	0149	CLR	20			152	74	65	06	05		010		EP
SA	0250	CLR	20			155	74	64	06	05		011		EP
SA	0347	80 SCT	20			157	73	64	32	03		012	305 1400 72 20014	
													RADAT 93147	JD
SA	0449	CLR	20			163	72	64	21	02		013		JD
SA	0548	120 SCT	20			170	73	66	12	03		015		JD
SA	0648	120 SCT	20			172	79	60	03	09		016	115 1170	JD
SA	0750	CLR	20			174	81	60	02	07		017		JD
SA	0847	CLR	20			168	84	59	01	05		015	TCU OMTNS SE	JD
SA	0949	CLR	20			168	86	59	34	05		015	TCU E AND SE 803 1200 72	JD
SA	1047	CLR	20			158	89	57	02	03		013	CB OMTNS SE	JD
SA	1147	80 SCT 180 SCT	20			150	94	56	03	05	G19	011	CB DSPTD TCU NE THRU SE	JD
SA	1246	80 SCT 180 SCT	20			142	92	52	04	05		008	TCU NE THRU SE 722 1260	JD
SA	1348	80 SCT 180 SCT	20			129	95	51	05	06		005	TCU E THRU SE	JD
SA	1450	80 SCT 180 SCT	20			120	95	51	01	08		003	TCU SE	JD
SA	1547	80 SCT	20			115	98	50	34	05		001	TCU ALQDS/722 120099	CRD
													RADAT 55154	
SA	1646	80 SCT 250 SCT	20			112	97	50	08	05		999	TCU SE	CRD
SA	1747	80 SCT 250 SCT	20			111	96	50	05	07		999	TCU N CB DSNT SE	CRD
SA	1848	80 SCT 250 SCT	20			112	92	55	04	03		999	TCU N VIRGA N/503 1203	CRD
SP	1917	80 SCT	20		T				01	22	G36	001	TB13 N MOVG S LTGICCG	CRD
SA	1949	E80 BKN	20		T	128	86	52	02	15	G24	004	T NW MOVG SW B13 LTGICCG	CRD
													PK WND 3536/12	
SA	2049	E70 BKN	20		TRW-	138	86	53	04	15		007	T OVHD MOVG S LTGICCG	CRD
													RB41	
SP	2125	E70 BKN	20						11	11		005	TE23 MOVD SE LTGIC NW-NE	CRD
													RE20	
SA	2148	70 SCT E250 BKN	20			127	83	55	08	11		004	TE23 MOVD SE LTGICCG NW	CRD
													RE20/01405 1903 99	
SA	2250	70 SCT	20			128	81	55	03	17	G24	005	TCU NW	CRD
SA	2345	70 SCT	20			133	80	55	11	06		006	TCU NW	CRD

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

FM12-VII: Iiiii $i_R i_X h$VV 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 JUL 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 48	26.680	74.8	70.9	83	1	1	Sc	80												1	8	.010			00-01
01 49	26.680	74.3	67.2	70	0															0					01-02
02 50	26.690	74.2	67.3	71	0															0					02-03
03 47	26.695	72.5	66.9	76	1	1	Sc	80												1	3	.015			03-04
04 49	26.710	71.6	66.7	78	0															0					04-05
05 48	26.730	72.5	68.2	81	1															1					05-06
06 48	26.740	79.0	66.2	52	1	0	Cu	80	1	Ac	120	1								1	1	.045			06-07
07 50	26.745	81.0	66.7	49	0															0					07-08
08 47	26.730	83.8	67.3	44	0															0					08-09
09 49	26.730	85.9	67.9	41	0	0	Cu	80												0	8	.010			09-10
10 47	26.710	88.8	67.5	34	0															0					10-11
11 47	26.690	93.8	68.5	28	1															1					11-12
12 46	26.665	92.0	66.4	26	2	2	Cu	80	0	Ac	180	2								2	7	.065			12-13
13 48	26.635	94.8	66.8	23	2															2					13-14
14 50	26.615	95.4	66.9	23	2															2					14-15
15 47	26.600	97.8	67.2	20	2	2	Cu	80												2	7	.065			15-16
16 46	26.590	97.2	67.0	21	2															2					16-17
17 47	26.585	95.8	66.3	21	2															2					17-18
18 45	26.590	92.2	67.7	29	3	2	Cu	80	1	Ci	250	3								3	5	.030			18-19
19 49	26.630	86.3	64.6	31	6															6					19-20
20 49	26.660	85.6	64.6	33	9															9					20-21
21 48	26.630	83.4	64.8	38	7	5	Cb	70	2	Ci	E250	7								7	0	.040			21-22
22 50	26.635	81.2	64.2	41	4															4					22-23
23 45	26.650	79.6	63.8	43	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 0342	X	0	0	X	77	72	X	X						X		
	0342	1	0	0	0	78	72		0								
	0945	2	0	0	0	86	72		0								
	1549	3	0	0	0	99	86		0								
	2145	4	.05	0	0	99	80		1								
	MID.	X	0	0	0	85	79	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1545	2146
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.695	26.730	26.600	26.630
BAROGRAPH 64	26.690	26.720	26.600	26.630
BAR. CORR. 65	+.005	+.010	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
99	72	.05	0	0	36	N	1912					1	2		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	1913	2123			
RW	2041	2120			

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: 0520P ±1 Sec. 1650 ±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 JUL 29

TO CONVERT LST TO GMT: ADD 5 hrs. SUBTRACT ____ hrs.

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100's) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0045	CLR	20			130	80	57	03	05		005	003	CRD
SA	0146	CLR	20			130	78	56	04	04		005		CRD
SA	0250	CLR	20			124	79	54	02	10		004		CRD
SA	0347	CLR	20			126	77	54	01	12		005	502 77 20005 RADAT 50149	JD
SA	0449	CLR	20			133	76	54	03	13		006		JD
SA	0547	CLR	20			138	77	54	04	13		008		JD
SA	0647	CLR	20			143	80	53	03	15		009	214	JD
SA	0748	CLR	20			150	83	53	03	12		011		JD
SA	0847	CLR	20			148	87	54	01	07		011		JD
SA	0949	CLR	20			146	92	53	36	08		011	005 1100 76	JD
SA	1049	CLR	20			139	94	50	36	06		008		JD
SA	1148	CLR	20			135	96	46	32	04	614	007		JD
SA	1245	CLR	20			126	97	46	07	05		005	717 1100	JD
SA	1347	90 SCT 250 SCT	20			115	98	47	09	06		002	CB DSNT SE	JD
SA	1450	90 SCT 250 SCT	20			108	99	46	36	12		999	CB SE DSPTD	JD
SA	1548	90 SCT	20			105	100	45	05	12		998	720 1100 02 RADAT 35152	CRD
SA	1647	90 SCT	20			098	101	42	31	05		997	TCU NW-NE	CRD
SA	1746	90 SCT	20			095	100	42	18	04		996	CB N	CRD
SA	1845	90 SCT	20			098	97	48	24	06		997	505 1100	CRD
SA	1945	90 SCT	20			106	90	53	05	04		998		CRD
SA	2047	90 SCT	20			117	86	52	36	05		002		CRD
SA	2146	80 SCT	20			117	85	54	02	05		003	217 1100 02	CRD
SA	2245	80 SCT	20			122	85	54	07	03		003		CRD
SA	2346	80 SCT	20			115	86	50	04	10		003		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$_1$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 JUL 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 45	26.640	80.2	64.7	45	0															0	0	.010			00-01
01 46	26.640	78.3	63.8	46	0															0					01-02
02 50	26.630	78.8	63.0	43	0															0					02-03
03 47	26.635	76.8	62.5	46	0															0	5	.005			03-04
04 49	26.650	76.0	62.2	47	0															0					04-05
05 47	26.665	77.1	62.6	46	0															0					05-06
06 47	26.675	80.3	63.1	39	0															0	2	.040			06-07
07 48	26.690	82.9	64.0	36	0															0					07-08
08 47	26.690	87.0	65.6	33	0															0					08-09
09 49	26.690	91.8	66.8	27	0	0	Cu	80												0	0	.015			09-10
10 49	26.670	93.7	65.9	23	0															0					10-11
11 48	26.660	95.7	65.0	19	0															0					11-12
12 45	26.640	97.1	65.3	18	0	0	Cu	80												0	7	.050			12-13
13 47	26.610	98.4	66.2	18	1															1					13-14
14 50	26.590	98.8	65.8	17	1															1					14-15
15 48	26.580	99.5	65.7	16	1	1	Cu	90												1	7	.060			15-16
16 47	26.565	101.0	65.3	14	2															2					16-17
17 46	26.560	100.2	65.0	14	2															2					17-18
18 45	26.565	96.8	66.1	19	2	2	Cu	90												2	5	.015			18-19
19 45	26.580	90.4	66.1	28	2															2					19-20
20 47	26.610	86.4	64.4	31	2															2					20-21
21 46	26.615	84.8	65.0	35	4	4	Cu	80												4	2	.050			21-22
22 45	26.620	85.0	65.0	35	4															4					22-23
23 46	26.615	85.6	63.4	30	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 0344	X	0	0	X	83	77	X	X						X		
	0344	1	0	0	0	85	77		0								
	0945	2	0	0	0	92	76		0								
	1545	3	0	0	0	102	92		0								
	2144	4	0	0	0	102	84		0								
	MID.	X	0	0	0	87	84	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0346	0948	1546	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.690	26.580	26.615
BAROGRAPH 64	26.635	26.680*	26.580	26.615
BAR. CORR. 65	0	+0.10*	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
102	76	0	0	0	19	NE	0557					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: 0552 P ±1 Sec./ 1850 ±1 Sec./ ± Sec.

*Barograph changed 0953P 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 JUL 8 9

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBS. SECTION MISTAKE (15)
SA	0049	CLR	20			114	85	50	09	10		003	400 1100	CRD
SA	0145	CLR	20			117	85	48	05	13		003		CRD
SA	0250	CLR	20			119	83	49	04	12		004		CRD
SA	0349	130 SCT	20			123	81	50	08	10		005	307 1050 81 RADAT 88147	JD
SA	0447	130 SCT	20			131	79	51	04	10		007		JD
SA	0547	130 SCT	20			138	82	51	07	09		009		JD
SA	0648	130 SCT	20			144	85	52	02	07		011	219 1030	JD
SA	0747	130 SCT	20			148	88	51	34	05		012		JD
SA	0847	130 SCT	20			146	90	51	05	03		011		JD
SA	0948	CLR	20			144	97	51	11	09		011	000 1130 29	JD
SA	1046	CLR	20			140	96	49	09	03		010		JD
SA	1149	100 SCT	20			133	98	46	06	03		008		JD
SA	1248	100 SCT	20			128	99	46	33	09		006	814 1100	JD
SA	1346	100 SCT	20			120	100	46	03	12		004		JD
SA	1450	100 SCT	20			114	101	48	30	04		003		JD
SA	1546	100 SCT	20			108	103	46	05	06		000	719 1100 04 RADAT 65153	CRD
SA	1647	100 SCT	20			104	103	42	35	08		999		CRD
SA	1746	CLR	20			102	101	44	21	09		998	CU W	CRD
SA	1847	CLR	20			103	98	46	23	04		999	503 1100	CRD
SA	1946	CLR	20			111	95	47	14	04		002		CRD
SA	2046	CLR	20			119	88	50	08	05		003		CRD
SA	2145	CLR	20			118	86	47	09	05		004	214 04	CRD
SA	2245	CLR	20			123	82	52	21	02		004		CRD
SA	2346	CLR	20			122	81	50	34	05		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 $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ 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 JUL 30

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 48	26.615	95.3	63.0	29	0	0	CU	90												0	4	.000			00-01
01 45	26.620	95.0	62.2	28	0															0					01-02
02 50	26.625	83.1	62.1	31	0															0					02-03
03 49	26.635	81.0	61.6	34	2	2	AC	130												2	3	.020			03-04
04 47	26.655	79.2	61.8	38	3															3					04-05
05 47	26.675	81.8	62.7	35	4															4					05-06
06 48	26.690	84.8	64.0	33	3	3	AC	130												3	2	.055			06-07
07 47	26.685	87.9	64.4	28	2															2					07-08
08 47	26.690	89.8	65.0	27	1															1					08-09
09 48	26.690	96.9	67.2	21	0	0	CU	80	0	AC	130	0								0	0	.000			09-10
10 46	26.680	95.7	66.2	21	0															0					10-11
11 49	26.665	97.9	65.7	17	1															1					11-12
12 48	26.650	98.8	66.0	17	2	2	CU	100												2	8	.040			12-13
13 46	26.630	99.9	66.4	16	2															2					13-14
14 50	26.615	100.5	67.1	17	2															2					14-15
15 46	26.595	103.1	67.2	15	2	2	CU	100												2	7	.055			15-16
16 47	26.585	103.1	66.0	13	1															1					16-17
17 46	26.580	101.3	66.0	14	0															0					17-18
18 47	26.585	98.2	65.8	17	0	0	CU	100												0	5	.010			18-19
19 46	26.605	94.6	64.8	19	0															0					19-20
20 46	26.620	97.7	64.0	28	0															0					20-21
21 45	26.625	96.0	62.0	26	0															0	2	.040			21-22
22 45	26.630	82.1	62.9	35	0															0					22-23
23 46	26.630	80.5	61.7	35	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	86	81	X	X						X		
	0344	1	0	0	6	87	81		0								
	0945	2	0	0	0	97	79		0								
	1543	3	0	0	0	104	96		0								
	2143	4	0	0	0	103	86		0								
	MID.	X	0	0	0	86	80	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0947	1545	2144
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26635	26690	26595	26625
BAROGRAPH 64	26635	26685	26595	26625
BAR. CORR. 65	0	+.005	0	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
104	79	0	0	0	17	N	1348					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: 0550P ±1 Sec. 1850 ±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 JUL 31

TO CONVERT LST TO GMT: ADD 7 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)	OBS. SERVERS INITIALS (15)
SA	0047	CLR	20			122	80	45	08	04		004	102	CRD
SA	0145	CLR	20			121	81	46	03	04		004		CRD
SA	0251	CLR	20			125	78	47	04	04		005		CRD
SA	0348	CLR	20			128	78	46	09	04		006	207 78 RADAT 62153	JD
SA	0449	CLR	20			136	80	42	07	03		008		JD
SA	0547	CLR	20			140	80	46	08	03		009		JD
SA	0647	CLR	20			144	85	45	24	02		011	214 1001	JD
SA	0747	CLR	20			143	90	45	09	03		011		JD
SA	0846	CLR	20			142	94	48	13	10		011		JD
SA	0948	CLR	20			144	96	47	11	10		011	500 1100 76	JD
SA	1047	CLR	20			136	99	48	14	05		008		JD
SA	1147	100 SCT	20			129	101	48	23	03		006		JD
SA	1247	100 SCT	20			121	103	45	19	06		004	820 1100	JD
SA	1348	100 SCT	20			112	105	44	20	05		002		JD
SA	1450	100 SCT	20			105	104	46	24	08		999		JD
SA	1546	100 SCT	20			097	107	48	28	07		997	TCU N SE/720 1200 07	CRD
													RADAT 67154	
SA	1645	100 SCT	20			087	105	46	22	05		995		CRD
SA	1747	100 SCT	20			084	103	48	23	09		994		CRD
SA	1845	100 SCT	20			083	99	54	23	06		994	612 1100	CRD
SA	1945	CLR	20			087	92	49	21	05		994	Cu W	CRD
SA	2045	CLR	20			090	89	50	01	05		995		CRD
SA	2147	CLR	20			090	90	47	36	06		995	105 07	CRD
SA	2247	CLR	20			089	86	48	32	05		995		CRD
SA	2346	CLR	20			093	92	46	22	11		994		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 JUL 31

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	26.630	80.2	59.2	28	0															0	1	.005			00-01
01 45	26.630	81.0	60.0	29	0															0					01-02
02 51	26.640	79.1	59.6	34	0															0					02-03
03 48	26.650	77.9	59.0	33	0															0	2	.020			03-04
04 49	26.670	79.8	58.2	27	0															0					04-05
05 47	26.680	80.1	59.8	30	0															0					05-06
06 47	26.690	85.1	61.2	25	0	0	C.	250												0	2	.040			06-07
07 47	26.680	90.2	62.8	21	0															0					07-08
08 46	26.685	93.6	65.2	22	0															0					08-09
09 48	26.690	95.8	65.4	19	0	0	Cu	100												0	5	.000			09-10
10 47	26.670	98.7	66.8	18	0															0					10-11
11 47	26.650	100.7	67.1	17	1															1					11-12
12 47	26.630	102.7	66.9	15	2	2	Cu	100												2	8	.060			12-13
13 48	26.610	104.8	67.0	13	2															2					13-14
14 50	26.590	104.3	67.7	14	2															2					14-15
15 46	26.570	106.8	69.0	14	2	2	Cu	100												2	7	.060			15-16
16 45	26.545	105.0	67.8	14	2															2					16-17
17 47	26.535	103.2	68.0	16	1															1					17-18
18 45	26.535	99.3	69.2	22	1	1	Cu	100												1	6	.035			18-19
19 45	26.540	92.4	65.0	23	0															0					19-20
20 45	26.550	88.8	64.4	27	0															0					20-21
21 47	26.550	90.3	63.7	23	0															0	1	.015			21-22
22 47	26.550	86.3	62.8	27	0															0					22-23
23 46	26.540	91.5	63.4	21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0344	X	0	0	X	82	78	X	X						X		
	0344	1	0	0	0	86	78		0								
	0945	2	0	0	0	96	76		0								
	1544	3	0	0	0	107	96		0								
	2143	4	0	0	0	107	88		0								
	MID.	X	0	0	0	96	96	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0347	0947	1547	2145
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.650	26.640	26.570	26.550
BAROGRAPH 64	26.650	26.680	26.565	26.550
BAR. CORR. 65	0	+.010	+.005	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
107	76	0	0	0	18	SE	0913					1	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE SUNSET

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

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

TIME CHECK-CLOCK AT: 0550P ±0 Sec./ 1555 ±0 Sec./ ± Sec.