WS FORM F-6
(1-79)

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

STATION: DESERT ROCK, NV

MONTH: JUNE

YEAR: 1989

PRELIMINARY LOCAL CLIMATOLOGICAL DATA

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

LATITUDE: 36 ° 37 ′ N

LONGITUDE: 116 ° 01 ′ W

GROUND ELEVATION (H): 3298 FT.

STANDARD TIME: PACIFIC

DAY 1	TEMPERATURE °F MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEPARTURE FROM NORMAL 5	DEGREE DAYS (Base 65°) HEATING 6a	COOLING 6b	PRECIPITATION (In.) TOTAL (Water equivalent) 7	SNOWFALL, ICE PELLETS 8	SNOW, ICE PELLETS OR ICE ON GROUND AT 9	WIND AVERAGE SPEED KTS 10	PEAK SPEED KTS 11	PEAK DIRECTION 12	SUNSHINE AVG. STAT. PRESS. (INS) 13	PERCENT OF POSSIBLE 14	SKY COVER SUNRISE TO SUNSET (Tenths) 15	WEATHER OCCURRENCES 16	04 17	R H 10 18	16 19	22 20
1	85	59	72			7				9.1	24	NE	26.66		1		29	15	15	15
2	87	64	76			11				7.7	24	NW	26.58		3		22	16	15	16
3	87	58	73			8	0.08			9.3	39	NW	26.42		7	TRW	23	17	18	59
4	84	59	72			7				9.4	33	SW	26.41		1		64	29	15	22
5	82	58	70			5				9.0	28	SW	26.50		0		32	21	17	21
6	88	57	72			7				6.1	19	SW	26.53		0		41	25	15	24
7	88	62	75			10	T			9.2	37	E	26.45		5	RW	31	19	23	31
8	91	63	77			12	T			6.0	18	NW	26.43		3	RW	41	23	17	23
9	93	66	80			15	T			12.0	48	NE	26.42		6	TRW	42	21	14	48
10	90	64	77			12				6.8	19	NE	26.50		1		56	31	18	26
11	93	63	78			13				9.1	41	NE	26.55		3		32	17	15	40
12	95	65	80			15				8.4	20	NE	26.59		1		49	25	14	19
13	101	67	84			19				4.6	19	W	26.56		7		27	17	17	17
14	103	68	86			21				6.8	26	SW	26.52		4		25	16	16	17
15	102	74	88			23				15.0	45	S	26.50		0		15	16	15	15
16	96	78	87			22				15.1	31	SW	26.47		5		17	22	17	14
17	100	65	83			18				6.7	21	W	26.56		0		21	16	17	17
18	105	72	89			24				10.5	29	S	26.54		0		20	16	17	17
19	101	81	91			26				14.0	32	SW	26.48		7		17	18	18	16
20	100	72	86			21				13.3	41	NE	26.47		6		16	17	17	16
21	87	65	76			11				12.2	29	E	26.60		7		14	17	17	13
22	92	63	78			13				9.3	21	W	26.46		0		13	14	16	16
23	95	64	80			15				8.5	23	SW	26.31		0		14	15	16	17
24	90	70	80			15				12.2	33	N	26.44		2		30	20	14	35
25	89	65	77			12				8.9	26	NE	26.56		2		42	24	16	18
26	95	64	80			15				7.2	24	SE	26.52		1		27	15	16	14
27	90	72	81			16				17.1	34	SW	26.51		0		30	14	15	14
28	90	68	79			14				13.3	34	SW	26.60		0		13	15	14	20
29	93	62	78			13				11.2	34	SW	26.60		0		26	15	16	15
30	94	60	77			12				11.5	37	S	26.53		0		15	15	15	18
31																				
SUM	2786	1968	—	—		432			—	299.5	—	—	795.27	—	72	—	844	561	485	653
AVG	92.9	65.6	—	—	—	—	—	—	—	10.0	FASTEST	DIRECTION	POSSIBLE	%		—	28	19	16	22
										MISC. →	48	NE	26.51		2.4	—				

TEMPERATURE DATA

AVERAGE MONTHLY 79.3

DEPARTURE FROM NORMAL 1.0

HIGHEST 105 ON 18

LOWEST 57 ON 6

NUMBER OF DAYS WITH—

MAX. 32° OR BELOW 0

MAX. 90° OR ABOVE 21

MIN. 32° OR BELOW 0

MIN. 0° OR BELOW 0

HEATING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 0

DEPARTURE FROM NORMAL 0

SEASONAL TOTAL 2693

DEPARTURE FROM NORMAL -337

COOLING DEGREE DAYS (Base 65°)

TOTAL THIS MONTH 432

DEPARTURE FROM NORMAL +11

SEASONAL TOTAL 799

DEPARTURE FROM NORMAL 170

PRECIPITATION DATA

TOTAL FOR THE MONTH 0.08 IN.

DEPARTURE FROM NORMAL 0.04 IN.

GREATEST IN 24 HRS. 0.08 ON 3

SNOWFALL, ICE PELLETS

TOTAL FOR THE MONTH 0 IN.

GREATEST IN 24 HRS. 0 ON

GREATEST DEPTH ON GROUND 0 ON

PRESSURE DATA

HIGHEST STATION 26.715 IN. ON 1

LOWEST STATION 26.265 IN. ON 23

WEATHER

NUMBER OF DAYS—

CLEAR (Scale 0-3) 21

PARTLY CLOUDY (Scale 4-7) 9

CLOUDY (Scale 8-10) Ø

WITH 0.01 INCH OR MORE PRECIP. 1

WITH 0.10 INCH OR MORE PRECIP. 0

WITH 0.50 INCH OR MORE PRECIP. 0

WITH 1.00 INCH OR MORE PRECIP. 0

SYMBOLS USED IN COLUMN 16

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

MAXIMUM PRECIPITATION

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

*DATA ARE SUBJECT TO CORRECTION BY THE NATIONAL CLIMATIC DATA CENTER

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

☆U.S. GOVERNMENT PRINTING OFFICE: 1987 - 754-006-61256

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE JUN 01 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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			157	63	28	05	12		008	103	Dca
SA	0150	CLR	20			157	63	28	05	12		008		Dca
SA	~~0250~~ 0250	CLR	20			158	60	27	04	11		008		Dca
SA	0350	CLR	20			160	59	27	04	11		009	302 59 RADAT 38109	RD
SA	0455	CLR	20			164	59	28	04	13		010		RD
SA	0550	CLR	20			169	63	27	03	09		012		RD
SA	0653	CLR	20			174	67	27	03	14		014	214	RD
SA	0752	CLR	20			171	71	28	05	12		013		RD
SA	0852	CLR	20			169	74	28	03	13		013		RD
SA	0957	CLR	20			164	77	26	06	10		012	708 1100 59	RD
SA	1054	CLR	20			159	79	24	36	07		010	CU S NW	RD
SA	1156	80 SCT	20			154	81	24	38	08		008		RD
SA	1254	80 SCT	20			147	82	29	35	08		007	714 1100	RD
SA	1351	80 SCT	20			140	82	31	29	03		005		RD
SA	1450	80 SCT	20			136	85	33	02	07		004		RD
SA	1550	80 SCT	20			131	83	31	04	06		002	717 110085 RADAT 29119	Dca
SA	1652	80 SCT	20			130	83	30	02	06		001		Dca
SA	1751	80 SCT	20			129	81	29	36	05		001	VIRGA NW-NE	Dca
SA	1850	80 SCT	20			131	79	27	11	06		002	500 1100	Dca
SA	1950	CLR	20			135	73	22	06	05		003		Dca
SA	2050	CLR	20			142	70	17	09	03		005		Dca
SA	2152	CLR	20			146	73	23	03	16	G24	007	217 85	Dca
SA	2251	CLR	20			152	70	25	05	12		008		Dca
SA	2351	CLR	20			146	68	24	07	10		~~008~~	007	Dca

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

FM12-VII: IIiii iRixhVV Nddff 1s[illegible] 3PnPnPnPn 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 01 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.670			27	0															0	1	.010			00-01
01 50	26.670			27	0															0					01-02
02 50	26.670			28	0															0					02-03
03 50	26.675			29	0															0	3	.005			03-04
04 55	26.685			29	0															0					04-05
05 50	26.700			25	0															0					05-06
06 53	26.715			22	0															0	2	.040			06-07
07 52	26.710			20	0															0					07-08
08 52	26.705			18	0															0					08-09
09 57	26.685			15	0	0	Cu	80												0	7	.020			09-10
10 54	26.685			13	0															0					10-11
11 56	26.670			12	1															1					11-12
12 54	26.655			15	1	1	Cu	80												1	7	.040			12-13
13 51	26.635			16	1															1					13-14
14 50	26.625			16	1															1					14-15
15 50	26.605			15	1	1	Cu	80												1	7	.050			15-16
16 52	26.600			15	1															1					16-17
17 51	26.600			15	1															1					17-18
18 50	26.605			15	1	1	Cu	80												1	5	.000			18-19
19 50	26.615			15	0															0					19-20
20 50	26.635			13	0															0					20-21
21 52	26.655			15	0															0	2	.050			21-22
22 51	26.670			18	0															0					22-23
23 51	26.655			19	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0345	X	0	0	X	66	59	X	X						X		
	0345	1	0	0	0	69	59		0								
	0949	2	0	0	0	77	59		0								
	1548	3	0	0	0	85	77		0								
	2148	4	0	0	0	84	69		0								
	MID.	X	0	0	0	73	68	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0956	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.675	26.695	26.605	26.655
BAROGRAPH 64	26.685	26.690	26.615	26.665
BAR. CORR. 65	-.010	-.005	-.010	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
85	59	0	0	0	24	NE	2151					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 04:27 SUNSET 18:56

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10429 11600 /

0957 / app 707 / 1040

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUN 02 1989**

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	0057	CLR	20			145	68	22	09	05		007	000	Dca
SA	0151	CLR	20			145	66	25	17	04		006		Dca
SA	0250	CLR	20			140	66	25	03	10		005		Dca
SA	0353	CLR	20			139	66	26	05	12		005	707 1070 64 RADAT 45115	RD
SA	0451	CLR	20			145	66	28	05	10		006	AC S NW	RD
SA	0557	CLR	20			146	68	28	05	11		007	AC S NW	RD
SA	0656	180 SCT	20			147	71	29	03	16		007	108 1070	RD
SA	0755	180 SCT	20			149	74	30	02	16		007		RD
SA	0855	CLR	20			146	77	29	03	07		007	Cu S	RD
SA	0956	80 SCT	20			141	79	29	04	03		006	805 1100 64	RD
SA	1051	80 SCT	20			136	81	29	07	08		004		RD
SA	1150	E80 BKN	20			131	82	28	34	04		002		RD
SA	1253	E80 BKN	20			121	83	27	01	05		000	719 1100	RD
SA	1352	E80 BKN	20			110	85	32	04	10		997	VIRGA SE	RD
SA	1450	E80 BKN	20			102	84	33	35	05		994		RD
SA	1551	80 SCT	20			094	85	32	02	05		992	724 1100 87 RADAT 41124	Dca
SA	1650	80 SCT	20		087	~~094~~	85	32	26	09		990	VIRGA SE-NW	Dca
SA	1755	80 SCT	20			087	82	29	30	14		990		Dca
SA	1850	80SCT 250SCT	20			087	79	25	21	06		990	607 1401	Dca
SA	1950	CLR	20			086	77	24	18	05		990	FEW SC	Dca
SA	2050	CLR	20			090	73	24	12	04		991		Dca
SA	2150	CLR	20			090	71	23	30	04		991	103 1070 87	Dca
SA	2252	CLR	20			090	66	22	03	05		990		Dca
SA	2351	CLR	20			082	64	21	04	06		987		Dca

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

FM12-VII: IIIii iRixhVV Nddff 1sn TTT 2sn TdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwWjW2 8NsCh CMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUN 02 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.655			17	0															0	0	.000			00-01
01 51	26.650			21	0															0					01-02
02 50	26.640			21	0															0					02-03
03 53	26.635			22	0	0	Ac	180												0	7	.020			03-04
04 51	26.650			24	0															0					04-05
05 57	26.655			22	0															0					05-06
06 56	26.660			21	1	1	Ac	180												1	1	.025			06-07
07 55	26.660			20	1															1					07-08
08 55	26.655			17	0															0					08-09
09 56	26.645			16	1	1	Cu	80												1	8	.015			09-10
10 51	26.630			16	2															2					10-11
11 50	26.615			14	6															6					11-12
12 53	26.590			13	7	7	Cu	80												7	7	.055			12-13
13 52	26.565			15	7															7					13-14
14 50	26.540			16	6															6					14-15
15 51	26.520			15	4	4	Cu	80												4	7	.070			15-16
16 50	26.500			15	3															3					16-17
17 55	26.500			15	2															2					17-18
18 50	26.500			14	2	2	Sc	80	0	Ci	250	2								2	6	.020			18-19
19 50	26.500			14	0															0					19-20
20 50	26.510			16	0															0					20-21
21 50	26.510			16	0	0	Ac	140												0	1	.010			21-22
22 52	26.500			19	0															0					22-23
23 51	26.480			19	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 0348		0	0		70	64										
	0348	1	0	0	0	73	64		0								
	0946	2	0	0	0	79	65		0								
	1548	3	0	0	0	87	79		0								
	2148	4	0	0	0	85	70		0								
	MID.		0	0	0	73	64										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0353	0954	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.635	26.645	26.520	26.510
BAROGRAPH 64	26.650	26.645	26.510	26.500
BAR. CORR. 65	-.015	*30	+.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	0400 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	64	0	0	0	24	NW	1735					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 04:27 SUNSET 18:57

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10405 11600 /

* Changed Microbarograph - Reset at 0954 LST

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUN 0 3 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			075	63	22	04	07		985	717	Dca
SA	0150	CLR	20			073	62	21	02	07		985		Dca
SA	0250	CLR	20			073	61	24	05	06		985		Dca
SA	0352	150 SCT	20			072	59	21	34	04		984	803 1070 54 RADAT 36123	RD
SA	0451	150 SCT E200 BKN	20			074	58	21	08	03		985		RD
SA	0555	200 - BKN	20			073	67	23	11	03		985		RD
SA	0653	200 - BKN	20			071	74	27	21	08		985	103 1008	RD
SA	0751	200 - SCT	20			071	77	29	25	07		985	CU SE	RD
SA	0853	200 - SCT	20			069	79	32	07	04		985	CU SE	RD
SA	0956	150 SCT 200 SCT	20			066	82	33	11	03		984	803 1158 58	RD
SA	1055	80 SCT E150 BKN 200 BKN	20			061	84	33	24	13		982		RD
SA	1156	E70 BKN 200 BKN	20			065	81	37	21	20		983	RB24E30 PK WND 2137/24	RD
SA	1255	E70 BKN 200 BKN	20			063	82	39	25	18 G28		982	80700 1208	RD
SA	1353	E70 BKN 200 BKN	20			053	84	39	23	10 G19		980	RB08E15 CB N-NE MOVG	RD
—	—		—			—						—	SE	—
SA	1450	70 SCT E200 BKN	20			042	84	38	25	09 G21		976	TCU N	RD
SA	1550	70 SCT E 200 BKN	20			029	86	38	22	10G19		~~97E~~ 972	TCU NW-NE/63000 1208 87	Dca
													RADAT 72123	
SA	1650	E70 BKN 200 BKN	20			029	86	37	30	09G17		972	CB NW-N MOVG SW RWND	Dca
													NW-N	
SA	1750	M65 OVC	20		RW	055	71	51	04	16 G26		979	RB22 CB OVHD PK WND	Dca
													3039/09 PRESFRR	
SP	1805	M65 OVC	20		TRW				04	18G32		976	TB05 T OVHD	Dca
SP	1828	M65 OVC	20		RW				04	13G26		974	TE28 TB OVHD OCNL	Dca
													LTGICCG ALQDS	
SP	1835	M65 OVC	20		TRW				04	15G26		974	TB34 T OVHD OCNL	Dca
													LTGICCG ALQDS	
RS SA	1858	M65 OVC	20			040	68	52	05	11		974	TB05E28B34E49RE49	Dca
													CB ALQDS RWU ALQDS /	
													00707 ~~196~~ 19//	
SP	1911	M65 BKN 140 OVC	20		T				11	05		974	TB10 T OVHD LTGICCG OVHD	Dca
SP	1934	M65 BKN 140 BKN 250 OVC	20						10	12		976	TE34 RE34 CB W-E	Dca
SA	1951	M65 BKN 140 BKN 250 OVC	20			051	69	51	10	13 G21		979	TB10E34RB22E34 CB NW	Dca
													-SE OCNL LTGICCG NW-SE	
SA	2050	65 SCT 140 SCT 250 SCT	20			058	67	50	02	10		981	CB DSIPTD	Dca
SA	2151	140 SCT 250 SCT	20			050	65	50	04	10		979	01408 1031 87	Dca
SA	2252	CLR	20			054	63	50	04	10		980	FEW CI	Dca
SA	2350	CLR	20			054	63	50	04	11		980		Dca

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

FM12-VII: IIiii ipIbhVV Ndddff 1snTTT 2snTdTdTd 3PoPoPoPo 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JUN 0 3 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.460			21	0															0	7	.050			00-01
01 50	26.460			21	0															0					01-02
02 50	26.460			21	0															0					02-03
03 52	26.450			23	3	3	Ac	150												3	8	.010			03-04
04 51	26.455			23	7															5					04-05
05 55	26.460			19	7															2					05-06
06 53	26.460			17	7	7	Cs	200												2	1	.010			06-07
07 51	26.460			17	4															1					07-08
08 53	26.455			18	3															1					08-09
09 56	26.450			19	5	0	Cu	80	2	Ac	150	2	3	Cs	200	5				3	8	.010			09-10
10 55	26.430			16	7															6					10-11
11 56	26.440			21	8															8					11-12
12 55	26.430			22	8	8	Cu	670	0	Cs	200	8								8	8	.020			12-13
13 53	26.405			20	7															6					13-14
14 50	26.380			20	6															4					14-15
15 50	26.370			18	6	3	Cu	70	3	Cs	E 200	6								5	6	.090			15-16
16 50	26.340			18	7															6					16-17
17 50	26.400			49	10															10					17-18
18 50	26.360			57	10	10	CB	M65												10	0	.020			18-19
19 51	26.400			53	10															10					19-20
20 50	26.420			55	3															2					20-21
21 51	26.400			59	2	1	Ac	140	1	Ci	250	2								2	0	.040			21-22
22 50	26.410			63	0															0					22-23
23 50	26.410			63	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0347	X	0	0	X	64	59	X	X						X		
	0347	1	0	0	0	73	59		0								
	0950	2	0	0	0	82	58		0								
	1548	3	T	0	0	87	76		0								
	2148	4	.08	0	0	86	65		0								
	MID.	X	0	0	0	65	62	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0955	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.450	26.450	26.340	26.400
BAROGRAPH 64	26.455	26.455	26.340	26.395
BAR. CORR. 65	-.005	-.005	±.000	+.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	04A 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	58	.08	0	0	39	NW	1709					7	5		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
Rw-	1124	1130			
Rw-	1308	1315			
Rw	1722	1730			
T	1805	1828			
Rw-	1730	1748			
Rw	1748	1754			
Rw-	1754	1803			
Rw	1803	1829			
T	1834	1849			
Rw-	1829	1849			
T	1910	1934			
Rw-	1922	1934			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 04:26 SUNSET 18:58

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1055 3/1600 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

DATE **JUN 04 1989**

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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			053	62	49	04	10		979	000	DCa
SA	0151	120SCT	20			053	61	49	05	10		979		DCa
SA	0252	120 SCT	20			048	61	49	06	09		977		DCa
SA	0351	120SCT 250 SCT	20			049	59	47	09	08		977	603 1032 59 20008	/
/													RADAT 36119	HS
SA	0450	250 - BKN	20			047	60	50	05	04		977	AC VIRGA N	HS
SA	0550	250 - SCT	20			051	60	50	31	04		979	FEW AC	HS
SA	0650	250 - SCT	20			059	68	50	29	05		980	FEW AC 307 1038	HS
SA	0750	250 - SCT	20			062	71	47	30	06		981		HS
SA	0852	250 - SCT	20			061	73	44	28	03		981	CU FRMG N AND SE	HS
SA	0954	CLR	20			064	76	41	23	03		982	CU NW-SE CI NE 207	/
/													1101 59	HS
SA	1050	CLR	20			055	81	24	23	15	G22	980	TCU NE CU N-SE	HS
SA	1150	CLR	20			051	83	22	21	12	G22	979	CB NW AND N CU E	HS
SA	1250	CLR	20			051	83	29	20	15	G27	979	CB NW CB N MOVD N	/
/													CU NE 610 1900	HS
SA	1350	CLR	20			052	83	30	20	16	G27	979	CB NW DSIPTG TCU N	HS
SA	1450	CLR	20			044	84	30	20	13	G24	976	FEW CU CI	HS
SA	1553	CLR	20			042	83	30	21	18	G26	975	810 1100 84 RADAT 21123	EP
SA	1650	CLR	20			043	81	28	22	19	G28	975		EP
SA	1750	CLR	20			047	80	25	22	18	G27	976		EP
SA	1852	CLR	20			051	77	22	21	12		979	310	EP
SA	1952	CLR	20			055	74	22	22	06		980		EP
SA	2050	CLR	20			064	71	23	00	00		982		EP
SA	2152	CLR	20			074	69	28	22	06		985	320 84	EP
SA	2250	CLR	20			077	66	28	29	04		986		EP
SA	2350	CLR	20			075	68	30	24	10		986		EP

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

FM12 VII [illegible] TTT [illegible] 3P [illegible] 4PPPP 5[illegible] 6RRR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NEVADA, DESERT ROCK NEVADA

DATE JUN 04 1989

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	26.400			62	0															0	0	.000			00-01
01 51	26.400			65	1															1					01-02
02 52	26.390			65	2															2					02-03
03 51	26.390			64	5	2	Ac	120	3	Ci	250	5								4	6	.010			03-04
04 50	26.390			69	6															3					04-05
05 50	26.400			70	4															1					05-06
06 50	26.410			53	5	0	Ac	120	5	Cs	250	5								2	3	.020			06-07
07 50	26.420			42	1															0					07-08
08 52	26.420			35	1															0					08-09
09 54	26.430			29	0	0	Cu	80	0	Ci	250	0								0	2	.020			09-10
10 50	26.410			12	0															0					10-11
11 50	26.400			10	0															0					11-12
12 50	26.400			14	0	0	CB	80												0	6	.030			12-13
13 50	26.400			15	0															0					13-14
14 50	26.380			14	0															0					14-15
15 53	26.370			15	0	0	Cu	80												0	8	.030			15-16
16 50	26.370			14	0															0					16-17
17 50	26.380			13	0															0					17-18
18 52	26.400			13	0															0	3	.030			18-19
19 52	26.410			14	0															0					19-20
20 50	26.430			16	0															0					20-21
21 52	26.460			22	0															0	3	.060			21-22
22 50	26.470			24	0															0					22-23
23 50	26.470			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 03 49	X	0	0	X	63	59	X	X						X		
	03 49	1	0	0	0	65	59		0								
	0952	2	0	0	0	76	59		0								
	1550	3	0	0	0	84	76		0								
	2149	4	0	0	0	83	69		0								
	MID.	X	0	0	0	69	63	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0953	1551	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.390	26.430	26.370	26.460
BAROGRAPH 64	26.375	26.415	26.360	26.440
BAR. CORR. 65	+.015	+.015	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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	59	0	0	0	33	SW	1528					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 04:26 SUNSET 18:58

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10733 / 2040 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE **JUN 05 1989**

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			074	70	30	08	03		986	103	EP
SA	0150	CLR	20			073	64	28	01	10		985		EP
SA	0250	CLR	20			073	63	30	00	00		985		EP
SA	0350	CLR	20			075	60	30	03	10		985	603 60 RADAT 23117	HS
SA	0450	CLR	20			085	60	30	32	07		987		HS
SA	0551	CLR	20			089	65	35	24	06		990		HS
SA	0650	CLR	20			086	67	35	23	12	G20	988	010 1002	HS
SA	0751	CLR	20			089	71	34	24	14	G25	990	CI NW	HS
SA	0850	CLR	20			094	73	34	23	17	G25	991	CU NW	HS
SA	0952	CLR	20			103	73	31	24	14	G21	993	TCU NW CU W-N 214	/
/													1200 58	HS
SA	1050	CLR	20			108	75	33	25	13	G21	994	TCU NW CU ALQDS	HS
SA	1150	CLR	20			101	77	34	24	12	G21	993	CU ALQDS	HS
SA	1250	CLR	20			096	78	32	23	09	G20	992	CU ALQDS 803 1100	HS
SA	1350	CLR	20			094	79	30	19	08	G21	991	CU SW-NW	HS
SA	1451	CLR	20			091	81	32	26	13		990	CU SW-NW	HS
SA	1552	CLR	20			089	81	32	20	13		988	710 1100 82 RADAT 20120	EP
SA	1650	CLR	20			086	80	31	23	14	G21	987		EP
SA	1750	CLR	20			082	79	31	23	06		987		EP
SA	1850	CLR	20			082	77	30	22	07		987	603 1100	EP
SA	1951	CLR	20			089	74	29	19	05		990		EP
SA	2050	CLR	20			099	69	27	05	04		992		EP
SA	2156	CLR	20			099	69	27	00	00		992	114 82	EP
SA	2253	CLR	20			105	71	29	22	10		994		EP
SA	2352	CLR	20			104	71	33	23	08		994		EP

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

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

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 0 5 1989

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	26.470			23	0															0	1	.010			00-01
01 50	26.460			26	0															0					01-02
02 50	26.460			29	0															0					02-03
03 50	26.460			32	0															0	6	.010			03-04
04 50	26.480			32	0															0					04-05
05 51	26.500			32	0															0					05-06
06 50	26.490			31	0	0	Ci	250												0	0	.030			06-07
07 51	26.500			26	0															0					07-08
08 50	26.510			24	0															0					08-09
09 52	26.530			21	0	0	Cu	80												0	2	.040			09-10
10 50	26.540			21	0															0					10-11
11 50	26.530			21	0															0					11-12
12 50	26.520			19	0	0	Cu	80												0	8	.010			12-13
13 50	26.510			17	0															0					13-14
14 51	26.500			17	0															0					14-15
15 52	26.490			17	0	0	Cu	80												0	7	.030			15-16
16 50	26.480			17	0															0					16-17
17 50	26.480			17	0															0					17-18
18 50	26.480			18	0	0	Cu	80												0	6	.010			18-19
19 51	26.500			19	0															0					19-20
20 50	26.520			21	0															0					20-21
21 56	26.520			21	0															0	1	.040			21-22
22 53	26.540			21	0															0					22-23
23 52	26.540			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	70	60	X	X						X		
	0348	1	0	0	0	70	60		0								
	0950	2	0	0	0	73	58		0								
	1550	3	0	0	0	82	73		0								
	2152	4	0	0	0	81	67		0								
	MID.	X	0	0	0	71	66	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.530	26.490	26.520
BAROGRAPH 64	26.450	26.520	26.490	26.515
BAR. CORR. 65	+.010	+.010	0	+.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
82	58	0	0	0	28	SW	0832					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 04:26 SUNSET 18:59

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10620 / 21281

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUNE 6, 1989

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			105	66	35	00	00		994	107	EP
SA	0151	CLR	20			108	67	35	32	05		995		EP
SA	0250	CLR	20			115	61	35	02	05		996		EP
SA	0351	CLR	20			112	58	34	03	04		995	003 58 RADAT 75114	HS
SA	0450	CLR	20			116	59	36	02	04		996		HS
SA	0550	CLR	20			116	66	37	00	00		997		HS
SA	0650	CLR	20			119	70	40	23	05		999	210	HS
SA	0750	CLR	20			124	72	40	22	09		000	CU SE	HS
SA	0850	CLR	20			121	74	40	21	05		999	CU SE	HS
SA	0950	CLR	20			116	77	38	19	11		997	CU SE 803 1100 57	HS
SA	1051	CLR	20			113	81	38	22	07		997	CU NW-N SE	HS
SA	1150	CLR	20			108	83	38	22	10		996	FEW CU	HS
SA	1250	CLR	20			102	84	37	17	05		994	FEW CU 810 1100	HS
SA	1350	CLR	20			092	87	35	21	04		992	FEW CU	HS
SA	1450	CLR	20			089	87	35	24	10		990	FEW CU	HS
SA	1552	CLR	20			088	88	35	26	09		988	617 1100 88 RADAT 59128	EP
SA	1650	CLR	20			082	86	35	23	08		987		EP
SA	1750	CLR	20			078	85	34	21	10		987		EP
SA	1858	CLR	20			074	83	34	25	06		986	707 1100	EP
SA	1950	CLR	20			079	78	33	32	03		987		EP
SA	2052	CLR	20			085	73	32	08	05		988		EP
SA	2152	CLR	20			088	71	32	03	05		990	210 88	EP
SA	2254	CLR	20			086	71	33	03	09		990		EP
SA	2351	CLR	20			081	70	32	12	08		988		EP

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

FM12-VII: IIIIX $i_R i_x$ hVV Nddff $1s_n$ TTT $2s_n T_d T_d T_d$ 3P $P_c P_a P_a$ 4PPPP 5appp 6RRRt_p 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUNE 6 1989

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	26.540			32	0															0	1	.020			00-01
01 51	26.550			31	0															0					01-02
02 50	26.560			38	0															0					02-03
03 51	26.550			41	0															0	0	.010			03-04
04 50	26.560			42	0															0					04-05
05 50	26.570			35	0															0					05-06
06 50	26.580			33	0															0	2	.030			06-07
07 50	26.590			32	0															0					07-08
08 50	26.580			29	0															0					08-09
09 50	26.570			25	0	0	Cu	90												0	8	.010			09-10
10 51	26.570			22	0															0					10-11
11 50	26.560			20	0															0					11-12
12 50	26.540			18	0	0	Cu	90												0	8	.030			12-13
13 50	26.520			16	0															0					13-14
14 50	26.500			16	0															0					14-15
15 52	26.490			15	0	0	Cu	100												0	6	.050			15-16
16 50	26.480			16	0															0					16-17
17 50	26.480			16	0															0					17-18
18 58	26.470			17	0	0	Cu	100												0	7	.020			18-19
19 50	26.480			20	0															0					19-20
20 52	26.490			22	0															0					20-21
21 52	26.500			24	0															0	2	.030			21-22
22 54	26.500			25	0															0					22-23
23 51	26.490			25	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349		0	0		71	58										
	0349	1	0	0	0	71	58		0								
	0948	2	0	0	0	77	57		0								
	1548	3	0	0	0	88	77		0								
	2151	4	0	0	0	88	70		0								
	MID.		0	0	0	72	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1549	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.550	26.570	26.490	26.500
BAROGRAPH 64	26.545	26.575	26.490	26.490
BAR. CORR. 65	+.005	-.005	0	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	57	0	0	0	19	SW	1103					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 0426 SUNSET 1859

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1100 5 / 2035 1

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 7 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OB. SERVER'S INITIALS (15)
SA	0051	CLR	20			078	68	33	03	06		987	807	EP
SA	0152	CLR	20			078	65	33	06	04		987		EP
SA	0250	CLR	20			077	67	34	06	05		987		EP
SA	0350	CLR	20			077	65	33	00	00		987	400 65 RADAT 55126	HS
SA	0450	CLR	20			082	65	34	00	00		988	AC NW	HS
SA	0550	CLR	20			085	69	34	00	00		990	AC NW	HS
SA	0650	CLR	20			083	75	34	20	03		990	AC NW 107 1030	HS
SA	0750	CLR	20			079	81	36	36	04		988	CU FRMG SE NW AC NW	HS
SA	0853	110 SCT	20			072	84	36	34	07		986		HS
SA	0952	E110 BKN	20			074	83	36	24	10		986	TCU NW VIRGA SE 610	/
~~SA~~	/	~~E110 BKN~~											1200 6Z	HS
SA	1050	E110 BKN	20			070	83	37	21	09		985	CB SW NW VIRGAS SE NW	HS
SA	1152	E110 BKN	20			066	84	36	13	14	G24	984	CB SE NW RWU SE	HS
SA	1250	E100 BKN	20			062	86	36	09	13	G20	983	CB NE-SE RWU E-SE 710	/
/													1300	HS
SA	1350	E100 BKN	20			056	85	38	14	12		981	CBALQDS VIRGA N-SE	HS
SA	1451	E100 BKN	20			051	85	39	11	16	G23	980	CB ALQDS RWU SE NW	HS
SA	1557	E120 BKN 150 BKN	20		RW-	050	81	40	11	23	G30	979	CB NW-N-SE CBMAM NE *	EP
/													PK WND 1137/18/61400	/
/								/		* RBAE			1970 88 RADAT 49128	/
SA	1652	E120 BKN	20			050	81	37	09	16	G27	979	CB VIRGA S RE01	EP
SA	1751	E120 BKN	20			048	81	33	02	07		979	CB OSNT SW	EP
SA	1852	E110 BKN 200 BKN	20			046	80	34	29	08		979	40000 1203	EP
SA	1951	E110 BKN 200 BKN	20			048	78	37	02	15		980		EP
SA	2052	110 SCT 200 SCT	20			060	76	37	05	11		983		EP
SA	2157	CLR	20			064	74	41	06	11		984	11700 1400 88	EP
SA	2251	CLR	20			065	72	42	04	13		984		EP
SA	2354	CLR	20			065	71	43	06	13		984		EP

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

FM12-VII: Iliii $i_R i_x hVV$ Nddff $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_cP_0P_0P_0$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus optional and national data groups.

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUNE 7 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.480			27	0															0	8	.020			00-01
01 52	26.480			30	0															0					01-02
02 50	26.480			29	0															0					02-03
03 50	26.480			31	0															0	4	.000			03-04
04 50	26.490			32	0															0					04-05
05 50	26.500			27	0															0					05-06
06 50	26.500			23	0	0	Ac	120												0	1	.020			06-07
07 50	26.490			20	0															0					07-08
08 53	26.470			18	1															1					08-09
09 52	26.470			19	6	6	Cu	E110												6	6	.030			09-10
10 50	26.460			20	7															7					10-11
11 52	26.450			18	7															7					11-12
12 50	26.440			17	6	6	CB	E100												6	7	.030			12-13
13 50	26.420			19	7															7					13-14
14 51	26.410			19	6															6					14-15
15 57	26.400			23	9	9	CBMAM	E120	0	Ac	150	9								9	6	.040			15-16
16 52	26.400			21	9															9					16-17
17 51	26.400			18	9															9					17-18
18 52	26.400			19	8	7	Cu	E110	1	Ci	200	8								8	4	.000			18-19
19 51	26.410			23	7															7					19-20
20 52	26.440			25	3															2					20-21
21 57	26.450			31	0	0	Sc	100												0	1	.050			21-22
22 51	26.450			34	0															0					22-23
23 54	26.450			37	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		72	65										
	0348	1	0	0	0	72	65		0								
	0950	2	0	0	0	86	62		0								
	1553	3	T	0	0	88	80		0								
	2152	4	T	0	0	82	74		0								
	MID.		0	0	0	74	71										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.480	26.470	26.400	26.450
BAROGRAPH 64	26.475	26.465	26.390	26.420
BAR. CORR. 65	+.005	+.005	+.010	+.030

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
88	62	T	0	0	37	E	1518					5	4		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	1545	1601			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1900

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10620 / 20361

MF 1-10A
(5-83)

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

STATION: WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE: JUNE 8 1989

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	0052	CLR	20			061	69	42	03	09		983	803	EP
SA	0150	CLR	20			059	67	43	05	11		982		EP
SA	0257	CLR	20			060	65	41	09	04		982		EP
SA	0352	CLR	20			062	67	43	05	15		982	603 1500 64	JS
/													RADAT 51121	
SA	0451	CLR	20			070	63	42	00	00		984		JS
SA	0553	CLR	20			067	71	43	00	00		985		JS
SA	0655	CLR	20			074	74	43	01	12		986	CU OMTNS SE CS	JS
/													NE-SE / 214 1108	
SA	0750	250 SCT	20			076	76	43	02	11		987	CU OMTNS SE	JS
SA	0850	CLR	20			072	79	41	07	04		986	CU NNW E TCU SE	JS
SA	0952	CLR	20			072	82	41	31	05		986	CB DSNT N SE / 000	JS
/													1900 63	/
SA	1050	CLR	20			069	86	42	26	05		986	CU ALQDS CB DSNT	JS
/													NW-NE E-SE	/
SA	1153	80 SCT E250 BKN	20			064	88	39	32	08		984	VIRGA N	JS
SA	1253	E75 BKN	20			061	87	37	33	13		983	710 1100	JS
SA	1354	75 SCT	20			058	87	38	10	03		982		JS
SA	1450	75 SCT	20			050	88	36	27	05		980	VIRGA NW-N	JS
SA	1558	75 SCT E120 BKN	20			045	87	37	29	03		978	VIRGA ALQDS / 715	DC
/													1260 91 RADAT 74129	/
SA	1656	75 SCT 120 SCT	20			046	86	36	22	09		977	VIRGA W	DC
SA	1755	75 SCT E120 BKN	20			044	86	38	21	06		978	VIRGA ALQDS	DC
SA	1858	E75 BKN 120 BKN	20			044	84	36	24	05		978	VIRGA ALQDS / 500	DC
/													1260	/
SA	1956	75 SCT	20			048	79	35	02	06		980		DC
SA	2056	75 SCT E120 BKN	20			055	80	39	33	03		982		DC
SA	2157	E90 BKN	20			059	79	38	07	04		983	215 1200 91	DC
SA	2256	E90 BKN	20		RW-	057	78	48	00	00		983	RB42	DC
SA	2357	90 SCT	20			055	73	49	18	03		982	RE15	DC

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

FM12-VII [illegible] 3P₀P₀P₀P₀ 4PPPP 5a₀p 6RRR [illegible] 7[illegible] 8N₀C₁C₂C₃ plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK NEVADA

DATE JUNE 8 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.440			38	0															0	8	.010			00-01
01 50	26.430			42	0															0					01-02
02 57	26.430			42	0															0					02-03
03 52	26.430			41	0	0	Sc	80												0	6	.010			03-04
04 51	26.450			46	0															0					04-05
05 53	26.455			37	0															0					05-06
06 55	26.470			34	0	0	Cu	80	0	CS	250	0								0	2	.040			06-07
07 50	26.480			32	1															1					07-08
08 50	26.470			26	0															0					08-09
09 52	26.470			23	0	0	CB	120												0	0	.000			09-10
10 50	26.465			21	0															0					10-11
11 53	26.450			18	6															5					11-12
12 53	26.440			17	8	8	Cu	E75												8	7	.080			12-13
13 54	26.430			18	3															3					13-14
14 50	26.410			16	4															4					14-15
15 58	26.395			17	6	2	Cu	75	4	AC	E120	6								6	7	.045			15-16
16 56	26.390			17	5															5					16-17
17 55	26.395			18	8															8					17-18
18 58	26.395			18	7	6	Cu	E75	1	AC	120	7								7	5	.000			18-19
19 56	26.405			21	4															4					19-20
20 56	26.425			23	7															7					20-21
21 57	26.440			23	9	9	Cu	E90												9	2	.045			21-22
22 56	26.440			35	9															9					22-23
23 57	26.430			43	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	71	64	X	X						X		
	0349	1	0	0	0	74	64		0								
	0949	2	0	0	0	83	63		0								
	1550	3	0	0	0	91	82		0								
	2149	4	0	0	0	88	78		0								
	MID.	X	T	0	0	80	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0852	0952	1554	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.430	26.470	26.395	26.440
BAROGRAPH 64	26.410	26.460	26.405	26.445
BAR. CORR. 65	+.020	+.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
91	63	T	0	0	18	NW	1257*					3	3		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
RW-	2242	2315			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1901

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10823 / 1700 /

* LAST OF SEVERAL OCCURRENCES

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 9, 1989

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			056	72	47	00	00		982	70300 1400	DC
SA	0156	90 SCT	20			055	72	44	04	11		982		DC
SA	0258	90 SCT	20			056	71	44	04	07		982		DC
SA	0352	90 SCT	20			064	68	44	02	05		984	30500 1500 68	JS
													RADAT 84128	
SA	0453	90 SCT 250-BKN	20			064	68	44	00	00		984		JS
SA	0554	90 SCT	20			064	71	44	10	03		984		JS
SA	0650	110 SCT	20			064	75	45	00	00		984	102 1060	JS
SA	0750	110 SCT 250 SCT	20			067	81	42	30	06		985		JS
SA	0852	110 SCT 250-BKN	20			061	83	41	28	07		984	CU ALQDS TCU N	JS
SA	0958	110 SCT E250 BKN	20			058	85	41	23	04		984	CB DSNT NW N	JS
		~~110 SCT E250 BKN~~	~~20~~										802 1308 66	
SA	1050	110 SCT E250 BKN	20			049	90	39	24	15		982	CB *NW-N *DSNT	JS
SA	1150	110 SCT E250 SCT	20			046	88	38	22	15		980	CB DSNT NW	JS
SA	1256	110 SCT 250 SCT	20			038	91	37	22	20		977	719 1208	JS
SA	1351	110 SCT 250-SCT	20			030	91	34	22	12	G22	975		JS
SA	1450	110 SCT 250-BKN	20			024	92	35	21	14	G26	973		JS
SA	1557	110 SCT 250-BKN	20			019	91	35	21	16	G27	971	720 1201 93	DC
													RADAT 65132	
SA	1657	250-BKN	20			019	89	34	19	12	G23	971	TCU NW-NE CU ALQDS	DC
SA	1757	250-BKN	20			020	88	35	19	14	G23	972	CB DSNT SW AND	DC
													W-N	
SA	1856	100 SCT 250-BKN	20			020	86	37	19	12		972	CB W-N AND DSNT E	DC
													TCU SW OCNL LTGCG	
													W / 303 1908	
SP	1937	E100 BKN 250 BKN	20						04	18	G27	976	WSHFT 32 CB FQT	DC
													LTG ICCG W-NW	
													RWU SE PRESRR	
SP	RS 1957	E90 BKN 250 BKN	20			039	76	48	03	35	G46	976	WSHFT 32 CB FQT	DC
													LTG ICCG W TCU OVHD	
													ALQDS PK WND 0346/57	
SA	2055	E 80 OVC	20			065	72	48	06	20	G33	984	CB FQT LTG ICCG SE-	DC
													SW-NW MOVG SE PK	
													WND 0439/03 PRESRR	
SP	2104	E 80 OVC	20		TRW-				06	22	G28	982	T B03 SE CB FQT	DC
													LTG ICCG SE-NW MOVG SE	
SA	2150	E 80 OVC	20		TRW-	070	71	50	02	24	G29	986	T B03 N CB OCNL	DC
													LTG ICCG ALQDS RB03	
													PK WND 0548/11	
													24200 19// 93	
SP	2221	E 80 BKN	20						04	20	G24	987	T E20 DSIPTD CB	DC
													OCNL LTG CG SE MOVG	
													NE	
SA	2257	E 80 BKN	20			079	69	50	05	20		988	T E20 DSIPTD RE05	DC
													B30 E45	
SA	2356	90 SCT	20			080	69	49	06	15	G20	988		DC

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

FM12-VII: $II_i i_R i_X hVV$ $Nddff$ $1s_nTTT$ $2s_nT_dT_dT_d$ $3P_0P_0P_0P_0$ $4PPPP$ $5appp$ $6RRR_{tr}$ $7wwW_1W_2$ $8N_hC_LC_MC_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NORO, DESERT ROCK NEVADA

DATE JUNE 9, 1989

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	26.430			41	0	0	SC	90												0	7	.010			00-01
01	56	26.425			37	3															3					01-02
02	58	26.430			38	3															3					02-03
03	52	26.445			42	4	4	SC	90												4	3	.015			03-04
04	53	26.445			42	8															3					04-05
05	54	26.450			38	4															4					05-06
06	50	26.450			34	4	4	AC	110												4	1	.005			06-07
07	50	26.460			26	3															2					07-08
08	50	26.450			23	7															3					08-09
09	58	26.445			21	7	1	CB	110	6	CS	F250	7								5	8	.005			09-10
10	50	26.425			17	6															4					10-11
11	50	26.410			17	4															4					11-12
12	56	26.390			15	4	2	CU	110	2	CS	250	4								3	7	.055			12-13
13	51	26.370			13	3															1					13-14
14	50	26.350			13	6															2					14-15
15	57	26.330			14	7	1	CU	110	6	CI	250	7								2	7	.060			15-16
16	57	26.330			14	8															2					16-17
17	57	26.335			15	8															2					17-18
18	56	26.340			18	7	1	CB	100	7	CS	250	7								3	3	.010			18-19
19	57	26.380			37	8															8					19-20
20	55	26.450			43	10															10					20-21
21	50	26.465			48	10	10	CB	EB0												10	2	.125			21-22
22	57	26.490			51	9															9					22-23
23	56	26.490			49	5															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	75	68	X	X						X		
	0350	1	T	0	0	80	68		0								
	0954	2	0	0	0	88	66		0								
	1550	3	0	0	0	93	85		0								
	2145	4	T	0	0	91	71		0								
	MID.	X	T	0	0	71	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0958	1554	2147
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.445	26.445	26.330	26.465
BAROGRAPH 64	26.450	26.450	26.345	26.475
BAR. CORR. 65	-.005	-.005	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	66	T	0	0	48	NE	2111					6	6		

WEATHER & OBSTRUCTIONS TO VISION

TYPE 82	BEGAN 83	ENDED 84	TYPE 86	BEGAN 87	ENDED 88
T	2103	2220			
RW-	2103	2205			
RW-	2230	2245			

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1901

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1072 / 2000 /

Barogram Changed @ 1030

1957/1957

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUNE 10, 1989

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	0056	CLR	20			077	69	50	11	07		987	00300 1400	DC
SA	0157	CLR	20			071	67	50	09	09		986		DC
SA	0255	CLR	20			075	65	48	06	08		987		DC
SA	0356	CLR	20			074	64	48	00	00		987	40001500 64	JS
SA	0450	CLR	20			080	65	50	04	09		988	RADAT 68129	JS
SA	0551	CLR	20			087	68	49	04	08		991		JS
SA	0650	CLR	20			091	71	49	03	13		992	215	JS
SA	0751	CLR	20			097	75	48	02	08		992 993		JS
SA	0850	CLR	20			102	79	47	13	03		994	CB Cu OMTNS SE	JS
SA	0953	CLR	20			097	80	47	22	04		993	CB SE / 0073 1900 64	JS
SA	1050	CLR	20			094	84	46	22	10		993	CB E SE Cu AlQds	JS
SA	1153	CLR	20			088	85	46	31	06		991	CB DSNT N-E-SE Cu	JS
													AlQds	
SA	1252	90 SCT	20			084	87	42	26	08		990	7210 1200	JS
SA	1354	90 SCT 250 SCT	20			080	89	41	23	08		988		JS
SA	1450	90 SCT	20			075	88	42	12	07		987		JS
SA	1557	90 SCT 150 SCT	20			073	89	40	28	08		986	710 1260 90	DC
													RADAT 59132	
SA	1653	90 SCT	20			069	89	38	20	10		985		DC
SA	1754	90 SCT	20			070	88	35	28	08		986		DC
SA	1855	CLR	20			075	85	41	20	11		987	302 1400	DC
SA	1955	CLR	20			078	83	39	18	07		988		DC
SA	2057	CLR	20			085	80	39	11	03		991		DC
SA	2157	CLR	20			087	75	38	09	06		991	212 90	DC
SA	2255	CLR	20			088	72	37	00	00		991		DC
SA	2358	CLR	20			095	70	37	18	03		993		DC

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

FM12-VII: IIIII $i_R i_X$ hVV Nddff $1s_n$TTT $2s_n$T$_d$T$_d$T$_d$ $3P_oP_oP_oP_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 10, 1989

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 56	26.475			51	0	0	SC	90												0	0	.010			00-01
01 57	26.470			55	0															0					01-02
02 55	26.475			54	0															0					02-03
03 56	26.475			56	0	0	Sc	90												0	4	.000			03-04
04 50	26.480			59	0															0					04-05
05 51	26.510			50	0															0					05-06
06 50	26.520			46	0															0	2	.045			06-07
07 51	26.530			40	0															0					07-08
08 50	26.540			34	0															0					08-09
09 53	26.530			31	0	0	CB	90												0	0	.010			09-10
10 50	26.525			27	0															0					10-11
11 53	26.510			26	0															0	7				11-12
12 52	26.500			21	1	1	Cu	90												1	7	.030			12-13
13 54	26.480			19	2															2					13-14
14 50	26.480			21	1															1					14-15
15 57	26.470			18	4	4	Cu	90	0	AC	150	4								4	7	.030			15-16
16 53	26.460			17	2															2					16-17
17 54	26.465			15	3															3					17-18
18 55	26.475			21	0	0	SC	90												0	3	.005			18-19
19 55	26.485			21	0															0					19-20
20 57	26.505			23	0															0					20-21
21 57	26.510			26	0															0	2	.035			21-22
22 55	26.510			28	0															0					22-23
23 58	26.530			30	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 0353	X	0	0	X	70	64	X	X						X		
	0353	1	T	0	0	71	64		0								
	0949	2	0	0	0	82	64		0								
	1550	3	0	0	0	90	80		0								
	2150	4	0	0	0	90	74		0								
	MID.	X	0	0	0	76	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0356	0953	1554	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.475	26.530	26.470	26.510
BAROGRAPH 64	26.490	26.540	26.485	26.520
BAR. CORR. 65	-.015	-.010	-.015	-.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
90	64	0	0	0	19	NE	0624					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 0425 SUNSET 1902

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0823 / 1800/

0751 /0751

SA 0953 APP 002 CHANGED TO 003 AT 1815

SA 1252 APP 210 CHANGED TO 710 AT 1820

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION **WSMO, DESERT ROCK NEVADA**

DATE JUNE 11, 1989

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	0057	CLR	20			092	73	37	06	04		993	005	DC
SA	0156	CLR	20			091	68	34	05	06		992		DC
SA	0250	CLR	20			095	69	37	06	05		993		DC
SA	0350	CLR	20			099	66	35	11	04		994	305 64 RADAT62130	SH
SA	0450	CLR	20			108	64	33	00	00		996		SH
SA	0553	CLR	20			109	71	37	07	04		997		SH
SA	0654	CLR	20			112	77	37	00	00		999	114	SH
SA	0750	CLR	20			110	82	38	09	03		999		SH
SA	0851	CLR	20			109	85	38	00	00		999		SH
SA	0951	CLR	20			106	88	38	23	12		997	803 1100 63	SH
SA	1049	100 SCT	20			106	88	36	22	10		996		SH
SA	1149	100 SCT	20			097	91	36	24	14	G23	994		SH
SA	1252	100 SCT	20			088	91	37	22	15	G22	992	817 1100	SH
SA	1352	100 SCT	20			083	92	37	22	11		990		SH
SA	1448	100 SCT E 200 BKN	20			077	92	36	24	12	G20	988	TCU NE-E-SE	SH
SA	1550	90 SCT E 200 BKN	20			080	92	37	23	16	G26	988	CB NW-E/610 1902 93	AD
/	/		/			/	/	/	/	/	/	/	RADAT 64134	/
SA	1650	90 SCT E 200 BKN	20			081	89	35	22	14		988		AD
SP	1707	90 SCT E 200 BKN	20						34	23	G32	988	WSHFT 04 CB NW-E	AD
SA	1750	E90 BKN 140 BKN 200 OVC	20			100	83	40	02	22	G29	994	WSHFT 04 CB N-E DRK E	AD
SA	1850	90 SCT E 140 BKN 200 BKN	20			118	78	45	06	18		000	CB NE-E*/334 1972	AD
													*PK WND 0541/10	
SA	1950	90 SCT E 200 BKN	20			118	75	46	13	11		000	CB NE-E	AD
SA	2050	90 SCT E 200 BKN	20			117	74	45	06	06		000		AD
SA	2150	200-BKN	20			115	73	47	04	11		000	400 1001 93.	AD
SA	2250	200-BKN	20			116	71	46	03	11		000		AD
SA	2350	200-SCT	20			115	70	46	04	10		000		AD

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

FM12-VII: IIiii $i_r i_x$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5a$_o$ $_o$ 6RRRt_R 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUNE 11, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 57	26.525			27	0															0	0	.015			00-01
01 56	26.520			28	0															0					01-02
02 50	26.530			31	0															0					02-03
03 50	26540			32	0															0	3	.015			03-04
04 50	26560			32	0															0					04-05
05 53	26570			28	0															0					05-06
06 54	26580			24	0															0	1	.040			06-07
07 50	26580			20	0															0					07-08
08 51	26575			19	0															0					08-09
09 51	26570			17	0	0	CU	100												0	8	.010			09-10
10 49	26560			16	1															1					10-11
11 49	26540			15	2															2					11-12
12 52	26520			15	2	2	CU	100												2	8	.050			12-13
13 52	26500			15	2															2					13-14
14 48	26490			14	6															4					14-15
15 50	26.490			15	7	3	CB	90	4	CI	E200	7								4	6	.030			15-16
16 50	26.490			15	8															6					16-17
17 50	26.540			22	10															9					17-18
18 50	26.590			31	9	2	CB	90	4	AC	E140	6	3	CI	200	9				8	3	.100			18-19
19 50	26.590			36	8															6					19-20
20 50	26.590			36	7															5					20-21
21 50	26.590			40	7	7	CI	200												2	4	.000			21-22
22 50	26.590			41	7															2					22-23
23 50	26.590			42	3															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	73	64	X	X						X		
	0349	1	0	0	0	76	64		0								
	0950	2	0	0	0	88	63		0								
	1550	3	0	0	0	93	88		0								
	2150	4	0	0	0	93	73		0								
	MID.	X	0	0	0	73	70	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0950	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26540	26570	26.490	26.590
BAROGRAPH 64	26540	26575	26.500	26.600
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 UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	63	0	0	0	41	NE	1810					3	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1902

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: /0948 / 1700 /

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUNE 12, 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIM. ETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0050	200 - SCT	20			116	68	47	05	09		000	400 1001	AD
SA	0150	CLR	20			116	67	47	04	06		000		AD
SA	0250	CLR	20			121	66	46	04	09		001		AD
SA	0351	CLR	20			130	66	46	05	10		003	310 65 RADAT 34131	SH
SA	0451	250 - SCT	20			134	66	46	01	11		004		SH
SA	0551	CLR	20			140	68	47	06	14		005	FEW CI	SH
SA	0652	250 - SCT	20			145	71	47	05	14		006	210 1001	SH
SA	0752	CLR	20			145	75	46	04	11		006		SH
SA	0853	CLR	20			139	79	44	06	07		005		SH
SA	0952	CLR	20			134	82	43	02	10		004	CUSE / 807 1100 65	SH
SA	1052	CLR	20			130	84	42	06	06		003	CUSE	SH
SA	1154	CLR	20			122	87	41	35	04		001	FEW CU CI	SH
SA	1252	CLR	20			119	90	40	02	06		000	FEW CUCI / 714 1101	SH
SA	1352	CLR	20			114	91	38	01	13		999	FEW CU CI	SH
SA	1449	90 SCT 250 - SCT	20			107	92	38	02	11		996		SH
SA	1550	90 SCT 250 - SCT	20			101	94	37	03	08		995	714 1101 94 RADAT 74144	AD
SA	1650	90 SCT	20			095	94	37	04	10		993		AD
SA	1750	90 SCT	20			091	92	37	06	07		992		AD
SA	1850	CLR	20			090	90	37	05	05		992	610 1100	AD
SA	1950	CLR	20			095	88	34	02	10		994		AD
SA	2050	CLR	20			105	82	33	05	08		996		AD
SA	2150	CLR	20			110	78	33	03	03		997	117 95	AD
SA	2250	CLR	20			108	78	34	05	05		997		AD
SA	2350	CLR	20			102	78	35	10	04		996		AD

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

FM12-VII: IIII iRiXhVV Nddff 1sTTT 2sTdTdTd 3PPPP 4PPPP 5appp 6RRRtR 7wwW1W2 8NCCCCC plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUNE 12, 1989

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	26.590			47	3	3	Ci	200												1	4	.000			00-01
01 50	26.590			49	0															0					01-02
02 50	26.600			48	0															0					02-03
03 51	26.620			49	0															0	3	.030			03-04
04 51	26.630			49	4															0					04-05
05 51	26.640			46	0															0					05-06
06 52	26.650			42	1	1	Ci	250												0	2	.030			06-07
07 52	26.650			36	0															0					07-08
08 53	26.640			29	0															0					08-09
09 52	26.630			25	0	0	Cu	100												0	8	.020			09-10
10 52	26.620			22	0															0					10-11
11 54	26.600			20	0															0					11-12
12 52	26.590			18	0	0	Cu	100	0	Ci	250	0								0	7	.040			12-13
13 52	26.580			16	0															0					13-14
14 49	26.560			15	5															1					14-15
15 50	26.550			14	2	1	Cu	90	1	Ci	250	2								1	7	.040			15-16
16 50	26.530			14	1															1					16-17
17 50	26.520			15	1															1					17-18
18 50	26.520			16	0	0	Cu	90												0	6	.030			18-19
19 50	26.540			15	0															0					19-20
20 50	26.560			17	0															0					20-21
21 50	26.570			19	0															0	1	.050			21-22
22 50	26.570			20	0															0					22-23
23 50	26.560			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	70	65	X	X						X		
	0350	1	0	0	0	73	65		0								
	0951	2	0	0	0	82	65		0								
	1550	3	0	0	0	94	82		0								
	2150	4	0	0	0	95	78		0								
	MID.	X	0	0	0	79	75	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0951	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.630	26.550	26.570
BAROGRAPH 64	26.620	26.640	26.560	26.570
BAR. CORR. 65	0	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	65	0	0	0	20	NE	1514					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 0425 SUNSET 1902

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1075 0 / 1700 /

0952 / 0952

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NEVADA

DATE JUNE 13, 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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			103	73	34	23	04		996	603	AD
SA	0150	CLR	20			164	71	34	00	00		996		AD
SA	0250	CLR	20			108	70	34	00	00		997		AD
SA	0351	CLR	20			111	69	34	10	04		999	307 68 RADAT69136	SH
SA	0449	CLR	20			116	67	34	10	05		000	FEW CI	SH
SA	0551	250 SCT	20			121	75	35	13	05		002		SH
SA	0655	250 - SCT	20			119	82	36	00	00		002	110 1001	SH
SA	0752	250 - SCT	20			116	87	37	23	03		002		SH
SA	0852	250 - BKN	20			117	92	38	24	03		002		SH
SA	0953	E250 BKN	20			119	93	42	20	06		002	FEW CU / 400 1102 67	SH
SA	1052	E250 BKN	20			115	94	43	07	04		001	FEW CU	SH
SA	1149	E250 BKN	20			109	96	44	35	06		000	FEW CU	SH
SA	1256	90 SCT E250 BKN	20			106	95	43	21	07		997	814 1102	SH
SA	1352	90 SCT E250 OVC	20			096	101	49	25	07		995		SH
SA	1449	90 SCT E250 OVC	20			091	97	45	28	05		993		SH
SA	1550	90 SCT E250 OVC	20			088	97	45	27	03		992	617 1102 01 RADAT 56146	AD
SA	1650	E250 OVC	20			080	97	44	23	11		990		AD
SA	1750	E250 BKN	20			077	95	42	26	08		990		AD
SA	1850	250 - BKN	20			075	93	41	21	04		990	607 1001	AD
SA	1950	250 - BKN	20			076	85	33	10	07		990		AD
SA	2050	250 - BKN	20			081	83	31	21	05		992		AD
SA	2150	250 - BKN	20			086	82	33	01	05		993	310 1001 01	AD
SA	2250	250 - BKN	20			088	78	32	36	06		993		AD
SA	2350	250 - BKN	20			087	78	33	13	03		993		AD

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

FM12-VII: IIIII $i_R i_X$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_1$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

MF1-10B
(4-86)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 13, 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			24	0															0	6	.010			00-01
01 50	26.560			26	0															0					01-02
02 50	26.570			26	0															0					02-03
03 51	26.580			27	0															0	3	.020			03-04
04 49	26.590			29	0															0					04-05
05 51	26.610			24	1															1					05-06
06 55	26.610			19	5	5	CI	250												1	1	.030			06-07
07 52	26.610			17	5															1					07-08
08 52	26.610			15	6															1					08-09
09 53	26.610			17	7	0	CU	90	7	CI	E250	7								5	4	.000			09-10
10 52	26.600			17	8															6					10-11
11 49	26.590			17	9															6					11-12
12 56	26.570			17	9	1	CU	90	8	CI	E250	9								7	8	.040			12-13
13 52	26.550			18	10															7					13-14
14 49	26.530			17	10															6					14-15
15 50	26.520			17	10	1	CU	90	9	CI	E250	10								8	6	.050			15-16
16 50	26.500			17	10															8					16-17
17 50	26.500			16	9															7					17-18
18 50	26.500			17	9	9	CI	250												4	6	.020			18-19
19 50	26.500			15	8															3					19-20
20 50	26.520			15	8															3					20-21
21 50	26.530			17	8	8	CI	250												3	3	.030			21-22
22 50	26.580			19	8															3					22-23
23 50	26.530			19	8															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 0350	X	0	0	X	78	68	X	X						X		
	0350	1	0	0	0	79	68		0								
	0951	2	0	0	0	93	67		0								
	1550	3	0	0	0	101	92		0								
	2150	4	0	0	0	98	82		0								
	MID.	X	0	0	0	83	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0952	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.580	26.610	26.520	26.530
BAROGRAPH 64	26.580	26.620	26.540	26.530
BAR. CORR. 65	0	-.010	-.020	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	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	67	0	0	0	19	W	1432					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 0425 SUNSET 1903

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1/1000 / 1700/

MF 1-10A
(5-83)

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

STATION **WSMO, DESERT ROCK NEVADA**

SURFACE WEATHER OBSERVATIONS

DATE JUNE 14, 1989

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	250 - SCT	20			090	73	32	06	05		993	400 1001	AD
SA	0150	250 - SCT	20			086	74	32	10	03		993		AD
SA	0250	250 - SCT	20			090	72	32	00	00		993		AD
SA	0350	250 - SCT	20			095	70	32	35	06		994	303 1001 ~~83~~ 70 RADAT 39145	008
SA	0450	250 - BKN	20			100	71	32	11	03		996		008
SA	0552	250 - BKN	20			105	74	32	21	03		997		008
SA	0655	250 - BKN	20			105	82	33	15	03		999	214 1001	008
SA	0753	250 - SCT	20			107	88	34	21	03		999		008
SA	0857	250 - SCT	20			101	93	41	25	04		997		008
SA	0958	250 - SCT	20			098	95	41	24	08		997	805 1001 68	008
SA	1055	250 - SCT	20			097	98	45	21	10		996	FEW CU SE	008
SA	1156	250 - SCT	20			095 ~~100~~	100 ~~4~~	47	22	14		996		008
SA	1258	250 - SCT	20			089	101	49	28	08		994	FEW CU SE / 810 1101	008
SA	1350	250 - SCT	20			082	101	49	24	12		992	FEW CU ALQDS	008
SA	1450	150 SCT 250 SCT	20			074	103	49	18	12		990		008
SA	1550	250 - SCT	20			069	102	48	27	07		987	719 1001 03 RADAT MISC	AD
SA	1650	250 - SCT	20			061	100	46	22	13		985		AD
SA	1750	250 - SCT	20			060	99	45	21	12		985		AD
SA	1850	250 - SCT	20			056	97	43	20	13		985	607 1001	AD
SA	1950	250 - SCT	20			061	92	39	19	06		986		AD
SA	2050	250 - SCT	20			064	88	38	00	00		987		AD
SA	2150	250 - SCT	20			068	88	37	00	00		988	210 1001 03	AD
SA	2250	CLR	20			071	83	32	02	09		990		AD
SA	2350	CLR	20			075	81	28	20	08		991		AD

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

FM12-VII: IIIII $i_R i_x h$VV Nddff i_sTTT $2r_s T_a T_a T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_p 7wwW$_1$W$_2$ 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DESERT ROCK NEVADA

DATE JUNE 14, 1989

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	26.530			22	4	4	ci	250												2	4	.000			00-01
01 50	26.530			21	4															2					01-02
02 50	26.530			23	3															1					02-03
03 50	26.540			25	3	3	ci	250												1	3	.010			03-04
04 50	26.555			24	8															3					04-05
05 52	26.570			21	8															2					05-06
06 55	26.580			17	8	8	ci	250												2	2	.040			06-07
07 53	26.580			15	5															1					07-08
08 57	26.570			17	4															1					08-09
09 58	26.565			16	4	4	ci	210												1	8	.015			09-10
10 55	26.560			17	4															1					10-11
11 56	26.555			17	4															1					11-12
12 58	26.535			18	4	0	cu	90	4	ci	250	4								1	8	.030			12-13
13 50	26.520			18	4															1					13-14
14 50	26.500			17	3															2					14-15
15 50	26.480			16	2	2	ci	250												1	7	.055			15-16
16 50	26.460			16	1															0					16-17
17 50	26.460			16	1															0					17-18
18 50	26.460			16	1	1	ci	250												0	6	.020			18-19
19 50	26.470			16	1															0					19-20
20 50	26.480			17	1															0					20-21
21 50	26.490			17	1	1	ci	250												0	2	.030			21-22
22 50	26.500			16	0															0					22-23
23 50	26.510			14	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	79	70	X	X						X		
	0350	1	0	0	0	83	70		0								
	0956	2	0	0	0	95	68		0								
	1550	3	0	0	0	103	95		0								
	2150	4	0	0	0	103	86		0								
	MID.	X	0	0	0	90	81	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0956	1550	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	29.540	26.565	26.480	26.490
BAROGRAPH 64	29.540	26.580	26.500	26.510
BAR. CORR. 65	±0	-.015	-.020	-.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
103	68	0	0	0	26	SW	1459					4	3		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1903

TOTAL SUNSHINE (MIN.)	PERCENT OF POSSIBLE SUNSHINE	CHARACTER OF SUNRISE	CHARACTER OF SUNSET
FASTEST OBSERVED MINUTE WIND SPEED M.P.H.	OR FASTEST MILE M.P.H.	ASSOCIATED DIRECTION	TIME

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045P /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 15, 1989

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			076	79	27	02	08		991	107	AO
SA	0150	CLR	20			076	78	27	03	09		991		AO
SA	0250	CLR	20			076	77	26	01	09		991		AO
SA	0350	CLR	20			077	76	25	03	10		991	400 76 RADAT 44148	OOS
SA	0450	CLR	20			083	74	24	02	09		992		OOS
SA	0555	CLR	20			083	84	33	02	05		993		OOS
SA	0655	CLR	20			089	85	37	25	08		995	314	OOS
SA	0755	CLR	20			094	90	38	23	12		996		OOS
SA	0855	CLR	20			088	93	40	24	17		995		OOS
SA	0950	CLR	20			087	96	43	22	17	G23	994	803 74	OOS
SA	1055	CLR	20			087	99	46	19	16	G25	994		OOS
SA	~~1255~~ 1153	CLR	20			084	98	45	20	17	G27	993		OOS
SA	1250	CLR	20			082	99	47	20	17	G24	992	807	OOS
SA	1312	CLR	20			074	100	47	20	18	G25	990	PK WND 2045/24	OOS
SA	1450	CLR	20			066	100	47	21	20	G27	987		OOS
SA	1554	CLR	20			059	100	46	21	17	G27	985	720 02 RADAT 30159	JP
SA	1656	CLR	20			057	99	45	21	20		984		JP
SA	1754	CLR	20			052	98	44	21	18	G28	984		JP
SA	1855	CLR	20			052	94	41	21	20	G30	984	FEW CI W/ 603 1001	JP
SA	1958	CLR	20			056	92	39	22	18		985	FEW CI	JP
SA	2059	CLR	20			056	89	36	20	18		985		JP
SA	2155	CLR	20			057	89	35	20	18	G26	984	FEW CI/ 000 1001 02	JP
SA	2256	CLR	20			058	88	34	20	20	G29	986	FEW CI	JP
SA	2354	250 - SCT	20			055	86	33	21	20	G29	985		JP

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

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

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WBAMU, DESERT ROCK NEVADA

DATE JUNE 15, 1989

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	26,510			15	0															0	1	.020			00-01
01 50	26,510			15	0															0					01-02
02 50	26,510			15	0															0					02-03
03 50	26,510			15	0															0	4	.000			03-04
04 50	26,520			15	0															0					04-05
05 55	26,530			16	0															0					05-06
06 55	26,550			17	0															0	3	.040			06-07
07 55	26,560			16	0															0					07-08
08 55	26,545			16	0															0					08-09
09 50	26,540			16	0															0	8	.010			09-10
10 55	26,540			17	0															0					10-11
11 53	26,530			17	0															0					11-12
12 50	26,520			17	0															0	8	.020			12-13
13 56	26,500			17	0															0					13-14
14 50	26,480			17	0															0					14-15
15 54	26,460			15	0															0	7	.060			15-16
16 56	26,450			16	0															0					16-17
17 54	26,450			16	0															0					17-18
18 55	26,450			16	0	0	CI	250												0	6	.010			18-19
19 58	26,460			16	0															0					19-20
20 59	26,460			15	0															0					20-21
21 55	26,450			15	0	0	CI	250												0	0	.000			21-22
22 56	26,470			15	0															0					22-23
23 54	26,460			15	4															1					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0349	X	0	0	X	82	76	X	X						X		
	0349	1	0	0	0	90	76		0								
	0949	2	0	0	0	97	74		0								
	1552	3	0	0	0	102	96		0								
	2153	4	0	0	0	101	89		0								
	MID.	X	0	0	0	89	86	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.520	26.540	26.460	26.450
BAROGRAPH 64	26.520	26.535	26.470	26.455
BAR. CORR. 65	-.010	+.005	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	4 PM 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	74	0	0	0	45	SW	1324					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1904

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1035ZP / 1180ZP /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: 16 JUN 1989

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	0053	250-BKN	20			048	85	32	22	18		983	803 1001	JP
SA	0154	250-BKN	20			049	83	33	18	19	G27	983		JP
SA	0250	250-SCT	20			049	83	33	19	20	G27	983		JP
SA	0350	250-BKN	20			049	82	33	20	17	G26	983	400 1001 81 RADAT 20153	008
SA	0450	250-BKN	20			059	79	36	22	08	G14	985		008
SA	0550	E250 BKN	20			065	81	40	24	~~24~~ 12	G18	987		008
SA	0659	E250 BKN	20			074	83	41	22	16	G24	990	320 1002	008
SA	0753	E220 BKN	20			078	84	42	23	18	G24	991		008
SA	0855	250-BKN	20			081	85	43	23	16	G21	992		008
SA	0950	250-BKN	20			078	87	43	23	20	G28	991	003 1001 79	008
SA	1055	250-BKN	20			077	89	43	23	17	G26	991		008
SA	1150	E250 BKN	20			071	90	43	20	19	G29	988		008
SA	1250	170 SCT E250 BKN	20			059	92	39	17	20	G29	985	817 1032	008
SA	1355	170 SCT E250 BKN	20			059	94	42	22	19	G26	985		008
SA	1454	250 SCT	20			055	95	43	22	19	G27	984		008
SA	1556	250-SCT	20			052	94	42	21	19		983	807 1001 96 RADAT 30158	JP
SA	1655	250-SCT	20			053	94	41	21	18		983	FEW CU N	JP
SA	1758	250-SCT	20			053	92	39	19	17		983		JP
SA	1854	250-SCT	20			053	90	37	20	14		983	400 1001	JP
SA	1958	250-SCT	20			061	88	36	26	10		985		JP
SA	2057	250-SCT	20			065	86	32	24	09		986		JP
SA	2155	250-SCT	20			069	83	29	24	04		987	114 1001 96	JP
SA	2254	250-SCT	20			076	83	30	33	04		990		JP
SA	2353	CLR	20			090	78	28	01	10		993		JP

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

FM12-VII: IIII [illegible] Wddf [illegible] TTT 2[illegible] TdTdT [illegible] PoPoP [illegible] PP 5appp 6RRRtR 7wwW1W2 8[illegible] CLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 16 JUN 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.440			15	8	8	Ci	250												2	8	010			00-01
01 54	26.440			17	8															2					01-02
02 50	26.440			17	3															1					02-03
03 50	26.440			17	7	7	ci	210												3	4	.000			03-04
04 50	26.460			21	7															3					04-05
05 50	26.480			23	8															5					05-06
06 59	26.500			23	7	7	ci	E250												5	3	.060			06-07
07 53	26.510			23	7															4					07-08
08 55	26.515			23	7															3					08-09
09 50	26.510			22	7	7	ci	250												3	0	.010			09-10
10 55	26.510			20	6															3					10-11
11 50	26.490			20	6															4					11-12
12 50	26.460			16	8	1	Ac	170	7	ci	E250	8								7	8	.050			12-13
13 55	26.460			17	6															5					13-14
14 54	26.450			17	4															3					14-15
15 56	26.440			17	3	3	Ci	250												1	8	020			15-16
16 55	26.440			16	2															0					16-17
17 58	26.440			16	1															0					17-18
18 54	26.440			16	1	1	Ci	250												0	4	000			18-19
19 58	26.460			16	3															0					19-20
20 57	26.470			14	3															0					20-21
21 55	26.480			14	1	1	Ci	250												0	1	040			21-22
22 54	26.500			15	1															0					22-23
23 53	26.530			16	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 0349	X	0	0	X	87	81	X	X						X		
	0349	1	0	0	0	89	81		0								
	0949	2	0	0	0	87	79		0								
	1554	3	0	0	0	96	87		0								
	2153	4	0	0	0	95	83		0								
	MID.	X	0	0	0	83	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0949	1556	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.440	26.510	26.440	26.480
BAROGRAPH 64	26.445	26.520	26.445	26.480
BAR. CORR. 65	-.005	-.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	0400 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	78	0	0	0	31	SW	1617					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 0425 SUNSET 1904

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1034SP 1183PI

✓ LAST OF SEVERAL OCCURRENCES —

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBAO, DESERT ROCK NEVADA

DATE: 17 Jun 1989

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	0055	CLR	20			091	73	27	18	05		993	117	JP
SA	0154	CLR	20			091	69	26	03	06		993		JP
SA	0250	CLR	20			094	70	27	36	05		994		JP
SA	0350	CLR	20			104	67	26	17	04		996	310 67 RADAT 20164	~~008~~
SA	0450	CLR	20			104	68	27	17	03		996		~~008~~
SA	0555	CLR	20			111	71	27	12	03		999		~~008~~
SA	~~0655~~ 0655	CLR	20			108	81	29	03	14		999	307	~~008~~
SA	0755	CLR	20			114	85	33	02	08		001		~~008~~
SA	0850	CLR	20			109	89	39	05	03		000		~~008~~
SA	0955	CLR	20			109	93	40	06	05		000	003 65	~~008~~
SA	1055	CLR	20			105	95	42	24	10		999		~~008~~
SA	1150	CLR	20			105	96	43	18	12		999		~~008~~
SA	1255	CLR	20			100	97	44	25	08		996	710	~~008~~
SA	1355	CLR	20			101	99	47	24	05		996		~~008~~
SA	1450	CLR	20			~~085~~ 093	100	47	29	07		994		~~008~~
SA	1554	CLR	20			086	100	47	26	07		992	814 00 RADAT 21159	JP
SA	1656	CLR	20			083	99	46	25	07		991		JP
SA	1757	CLR	20			081	98	45	26	13		991		JP
SA	1855	CLR	20			082	95	42	23	09		992	500	JP
SA	1958	CLR	20			089	92	39	22	07		994		JP
SA	2054	CLR	20			096	89	38	21	07		996		JP
SA	2155	CLR	20			095	87	37	35	03		996	114 00	JP
SA	2258	CLR	20			096	82	30	05	03		996		JP
SA	2353	CLR	20			099	77	28	05	07		996		JP

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

FM12-VII [illegible] plus regional and national data groups

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE 17 JUN 1989

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 55	26.530			18	0															0	1	050			00-01
01 54	26.530			20	0															0					01-02
02 50	26.540			20	0															0					02-03
03 50	26.560			21	0															0	3	.030			03-04
04 50	26.560			21	0															0					04-05
05 55	26.580			19	0															0					05-06
06 55	26.580			15	0															0	3	.020			06-07
07 55	26.600			16	0															0					07-08
08 50	26.590			17	0															0					08-09
09 55	26.590			16	0															0	0	.010			09-10
10 55	26.580			16	0															0					10-11
11 50	26.580			16	0															0					11-12
12 55	26.560			16	0															0	7	.030			12-13
13 55	26.560			17	0															0					13-14
14 50	26.540			17	0															0					14-15
15 54	26.520			17	0															0	8	040			15-16
16 56	26.510			17	0															0					16-17
17 57	26.510			17	0															0					17-18
18 55	26.520			16	0															0	5	000			18-19
19 58	26.540			16	0															0					19-20
20 54	26.560			17	0															0					20-21
21 55	26.560			17	0															0	1	040			21-22
22 58	26.560			15	0															0					22-23
23 53	26.560			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 0349	X	0	0	X	78	67	X	X						X		
	0349	1	0	0	0	83	67		0	0							
	0954	2	0	0	0	93	65		0	0							
	1552	3	0	0	0	100	93		0	0							
	2153	4	0	0	0	100	87		0	0							
	MID.	X	0	0	0	87	77	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0954	1554	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.590	26.570	26.560
BAROGRAPH 64	26.550	26.600	26.580	26.550
BAR. CORR. 65	+.010	-.010	-.010	+.010

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML.TD (Ins.) 69	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	65	0	0	0	21	W	1438					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 0425 SUNSET 1904

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1034BP 1837P

1000P – CHANGED BAROGRAM

MF 1-10A
(5-83)

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

STATION [illegible]

SURFACE WEATHER OBSERVATIONS

DATE 18 JUN 1989

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	0059	CLR	20			098	77	29	04	08		996	400	JP
SA	0157	CLR	20			095	80	30	16	04		996		JP
SA	0250	CLR	20			097	75	30	08	05		996		JP
SA	0351	CLR	20			098	74	30	09	10		996	400 72 RADAT 15159	CRD
SA	0454	CLR	20			103	73	30	19	04		997		CRD
SA	0550	CLR	20			104	79	32	36	04		999		CRD
SA	0651	CLR	20			109	84	32	00	00		001	212	CRD
SA	0752	CLR	20			110	90	39	24	05		001		CRD
SA	0853	CLR	20			110	91	39	24	05		001		CRD
SA	0950	CLR	20			106	96	43	25	11		000	802 72	CRD
SA	1052	CLR	20			097	99	45	24	13	G22	997		CRD
SA	1155	CLR	20			094	101	48	21	14	G21	996		CRD
SA	1254	CLR	20			087	102	48	16	13	G20	994	717	CRD
SA	1353	CLR	20			080	104	50	17	10	G28	993		CRD
SA	1450	CLR	20			075	104	50	22	14	G22	991		CRD
SA	1555	CLR	20			074	103	49	21	15	G23	990	614 1001 05 RADAT 20162	MR
SA	1651	CLR	20			067	102	48	23	16		987		MR
SA	1752	CLR	20			062	100	46	20	15		986		MR
SA	1853	CLR	20			062	98	44	21	14	G20	987	508 1001	MR
SA	1952	250 -BKN	20			063	95	42	21	14	G19	987		MR
SA	2051	250 -OVC	20			070	94	42	22	14	G20	990		MR
SA	2153	250 -OVC	20			076	90	39	22	10		992	314 1002 05	MR
SA	2257	E 250 OVC BKN	20			068	93	41	21	18		990		MR
SA	2352	250 -BKN	20			067	92	40	22	16		990		MR

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

FM12-VII: IIiii ijxi$_s$hVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P$_o$ 4P[illegible] 6RRRt$_R$ 7wwW 8N$_s$C[illegible] [illegible] and national data groups.

NATIONAL WEATHER SERVICE

[illegible], DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE 18 JUN 1989

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 59	26.560			17	0															0	4	000			00-01
01 57	26.560			16	0															0					01-02
02 50	26.560			19	0															0					02-03
03 51	26.560			20	0															0	4	.000			03-04
04 54	26.570			20	0															0					04-05
05 50	26.580			18	0															0					05-06
06 51	26.595			15	0															0	2	.035			06-07
07 52	26.600			17	0															0					07-08
08 53	26.600			16	0															0					08-09
09 50	26.590			16	0															0	8	.005			09-10
10 52	26.570			16	0															0					10-11
11 55	26.555			17	0															0					11-12
12 54	26.540			16	0															0	7	.050			12-13
13 53	26.525			17	0															0					13-14
14 50	26.510			17	0															0					14-15
15 55	26.500			17	0	0	C1	250												0	6	.040			15-16
16 51	26.480			16	0															0					16-17
17 52	26.470			16	0															0					17-18
18 53	26.475			16	0	0	C1	250												0	5	.025			18-19
19 52	26.480			16	7															2					19-20
20 51	26.500			17	10															4					20-21
21 53	26.515			17	10	10	C1	250												5	3	.040			21-22
22 57	26.500			17	9															5					22-23
23 52	26.500			17	8															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	80	72	X	X						X		
	0348	1	0	0	0	87	72		0								
	0947	2	0	0	0	96	72		0								
	1550	3	0	0	0	105	96		0								
	2150	4	0	0	0	103	90		0								
	MID.	X	0	0	0	93	90	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1553	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.540	26.500	26.515
BAROGRAPH 64	26.555	26.545	26.515	26.520
BAR. CORR. 65	+.005	-.005	-.015	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
105	72	0	0	0	29	5	1320					0	2		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1905

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060P/1557P/

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE JUN 19 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0053	250 -OVC	20			066	89	38	21	12		989	607 1004	MR
SA	0153	E250 OVC	20			065	86	36	19	07		988		MR
SA	0253	E250 BKN	20			064	87	37	19	06		988		MR
SA	0352	E250 BKN	20			064	88	37	20	10		988	602 1002 86 RADAT 20158	CRD
SA	0451	250 SCT	20			068	86	37	22	05		990		CRD
SA	0555	250 SCT	20			073	86	36	03	07		991		CRD
SA	0651	250 SCT	20			073	92	42	20	14		991	207 1001	CRD
SA	0754	250-BKN	20			076	94	44	21	13	G19	992		CRD
SA	0857	E250 BKN	20			077	95	44	21	13	G23	992		CRD
SA	0951	E250 BKN	20			078	95	45	21	12	G22	992	103 1002 81	CRD
SA	1051	E250 BKN	20			078	96	45	22	13	G25	992	FEW ACSL SE-S	CRD
SA	1151	E250 BKN	20			075	96	46	22	18	G29	992	FEW ACSL SE	CRD
SA	1252	E250 BKN	20			071	97	47	21	18	G28	990	ACSL SE/807 1042	CRD
SA	1357	E250 BKN	20			067	98	47	19	19	G29	988	ACSL SE	CRD
SA	1450	E250 BKN	20			061	101	49	20	17	G25	987	ACSL SE	CRD
SA	1554	E250 BKN	20			055	99	48	22	18	G26	985	ACSL SE 714 1042 01	MR
/													RADAT 20157	/
SA	1652	E250 BKN	20			053	98	46	21	21	G27	985	ACSL SE	MR
SA	1753	160 SCT E250 OVC	20			052	96	45	20	20	G28	984	ACSL SE	MR
SA	1855	160 SCT E250 OVC	20			052	94	44	22	17	G23	984	603 1052	MR
SA	1950	E150 BKN 250 OVC	20			051	93	41	21	17		984		MR
SA	2052	150 SCT E250 OVC	20			059	90	37	18	11		986		MR
SA	2153	150 SCT E250 BKN	20			061	89	37	20	15	G20	986	107 1072 01	MR
SA	2253	E250 BKN	20			054	89	37	19	17	G23	985	FEW AC	MR
SA	2353	E250 BKN	20			046	89	37	19	18	G29	983	FEW AC	MR

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

[illegible] 7-VII [illegible] hVV [illegible] P_0 4P PP 5appp 6RRRtp [illegible] W_1W_2 $8N_hC_LC_MC_H$ plus regional and national data gro[illegible]

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 19 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 53	26.495			17	10	10	CI	250												5	6	.020			00-01
01 53	26.490			17	10															6					01-02
02 53	26.490			17	9															6					02-03
03 52	26.490			17	9	9	CI	E250												7	6	.005			03-04
04 51	26.500			18	5															5					04-05
05 55	26.505			17	3															3					05-06
06 51	26.510			18	2	2	CI	250												2	2	.020			06-07
07 54	26.520			18	6															3					07-08
08 57	26.520			18	7															4					08-09
09 51	26.520			18	7	7	CI	E250												4	1	.010			09-10
10 51	26.520			18	8															6					10-11
11 51	26.515			18	8															7					11-12
12 52	26.500			18	9	0	ACSL	180	9	CI	E250	9								7	8	.020			12-13
13 57	26.490			18	9															8					13-14
14 50	26.475			18	9															7					14-15
15 54	26.460			18	9	0	ACSL	160	9	CI	E250	9								7	7	.040			15-16
16 52	26.455			18	9															7					16-17
17 53	26.450			18	10															8					17-18
18 55	26.450			18	10	3	AC	160	10	CI	E250	10								9	6	.010			18-19
19 50	26.450			17	10															9					19-20
20 52	26.470			15	10															8					20-21
21 53	26.470			16	8	2	AC	150	6	CI	E250	8								6	1	.020			21-22
22 53	26.455			16	8															5					22-23
23 53	26.435			16	8															5					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	92	86	X	X						X		
	0348	1	0	0	0	93	86		0								
	0949	2	0	0	0	96	81		0								
	1550	3	0	0	0	101	84		0								
	2149	4	0	0	0	99	89		0								
	MID.	X	0	0	0	90	89	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.520	26.460	26.470
BAROGRAPH 64	26.495	26.520	26.470	26.475
BAR. CORR. 65	-.005	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.) 0400 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	81	0	0	0	32	SW	1127					7	8		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0425 SUNSET 1905

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1071S / 1840 /

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK NEVADA

DATE JUN 20 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (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	0058	250 SCT	20			045	87	34	21	13		983	612 1001	MR
SA	0157	CLR	20			049	87	35	20	15G	20	984		MR
SA	0252	CLR	20			052	86	33	20	13G	20	985		MR
SA	0350	CLR	20			058	78	29	03	07		985	208 1001 77 RADAT 20151	HS
SA	0450	CLR	20			066	73	22	04	09		986	C1 NW	HS
SA	0550	250 SCT	20			067	79	29	33	06		987		HS
SA	0650	250-BKN	20			070	84	35	25	10		988	210 1001	HS
SA	0750	250-BKN	20			074	85	35	25	13		990		HS
SA	0850	250-BKN	20			074	87	37	25	11		990		HS
SA	0952	250-SCT	20			072	90	39	25	14		990	103 1001 72	HS
SA	1051	250-SCT	20			071	94	42	24	13		990		HS
SA	1152	250-BKN	20			063	96	45	26	07		987		HS
SA	1251	250-BKN	20			060	97	45	24	13		986	810 1001	HS
SA	1350	250-BKN	20			056	97	45	23	14	G21	985		HS
SA	1451	250-BKN	20			048	99	47	27	15		983		HS
SA	1553	250-OVC	20			044	98	46	22	10G	18	981	817 1001 00 RADAT	MR
/													20157	/
SA	1653	250-OVC	20			042	98	45	25	14G	19	980		MR
SA	1752	250-OVC	20			036	97	44	27	11		979		MR
SA	1857	250-OVC	20			038	93	41	27	07		980	50~~3~~5 1001	MR
SA	1952	250-OVC	20			044	89	38	25	07		981		MR
SP	2014	250-OVC	20						35	19G	24	982	WSHFT 12 FROPA	MR
SP	2024	250-OVC	20						04	33G	41	985	WSHFT 20 PK WND 0441/22	MR
SA	2053	250-OVC	20			064	84	32	04	25G	32	986	WSHFT 12 FROPA PK WND	MR
/													0441/22	/
SA	2153	250-OVC	20			082	78	28	04	30G	38	991	*336 1002 00 *PK WND	MR
/													0440/38	/
SA	2253	250-OVC	20			092	76	25	04	20G	26	994	PK WND 0437/25	MR
SA	2353	250-OVC	20			105	74	24	06	22G	31	998		MR

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

FM12-VII: [illegible] 1s, TTT 2s, T [illegible] 5s [illegible] 7wwW [illegible] plus regional and national data groups

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

NEWO, DESERT ROCK NEVADA

DATE JUN 20 1989

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 58	26.435			15	2	2	Ci	250												2	6	.035			00-01
01 57	26.445			16	0															0					01-02
02 52	26.455			15	0															0					02-03
03 50	26.460			16	0	0	Ci	250												0	2	.025			03-04
04 50	26.470			14	0															0					04-05
05 50	26.480			16	1															1					05-06
06 50	26.490			17	6	6	Ci	250												1	2	.030			06-07
07 50	26.500			17	7															1					07-08
08 50	26.500			17	7															0					08-09
09 52	26.500			17	3	3	Ci	250												1	1	.010			09-10
10 51	26.500			17	2															0					10-11
11 52	26.480			17	6															2					11-12
12 51	26.470			17	8	8	Ci	250												2	8	.030			12-13
13 50	26.460			17	9															3					13-14
14 51	26.440			17	9															2					14-15
15 53	26.420			17	10	10	Ci	250												2	8	.050			15-16
16 53	26.410			17	10															3					16-17
17 52	26.400			17	10															2					17-18
18 57	26.405			17	10	10	Ci	250												2	5	.015			18-19
19 52	26.420			16	10															3					19-20
20 53	26.465			15	10															2					20-21
21 53	26.510			16	10	10	Ci	250												5	3	.105			21-22
22 53	26.540			15	10															4					22-23
23 53	26.575			15	10															4					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348		0	0		90	77										
	0348	1	0	0	0	90	77		0								
	0950	2	0	0	0	90	72		0								
	1550	3	0	0	0	100	90		0								
	2149	4	0	0	0	100	78		0								
	MID.		0	0	0	78	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0349	0951	1552	2152
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.460	26.500	26.420	26.510
BAROGRAPH 64	26.460	26.505	26.415	26.495
BAR. CORR. 65	0	-.005	+.005	+.015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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	72	0	0	0	41	NE	2022*					6	6		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1905

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10620 11754 1

* LAST OF TWO OCCURENCES

MF1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUN 21 1989

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	0056	250 -OVC	20			117	71	21	07	17		001	230 1001	MR
SA	0150	250 -SCT	20			117	70	20	03	18	G24	001		MR
SA	0253	CLR	20			121	67	17	04	15		002	FEW Cl	MR
SA	0353	250 - SCT	20			126	66	16	05	10		003	307 1001 66 RADAT 24156	HS
SA	0450	250 - BKN	20			129	65	15	07	10		004		HS
SA	0550	250 - OVC	20			141	66	17	04	14	G21	007		HS
SA	0650	250 - OVC	20			142	68	19	03	15	G21	007	114 1001	HS
SA	0750	250 - OVC	20			142	73	24	04	13		007		HS
SA	0851	250 - OVC	20			144	74	25	05	14	G22	007		HS
SA	0952	250 - OVC	20			146	76	27	03	13	G20	007	400 1001 65	HS
SA	1051	250 - OVC	20			134	78	30	04	12	G20	004		HS
SA	1151	250 - ~~OVC~~ BKN	20			126	82	32	01	12		002		HS
SA	1251	250 - BKN	20			115	83	34	01	14	G21	999	727 1001	HS
SA	1350	250 - OVC	20			110	86	35	06	15		997		HS
SA	1450	250 - OVC	20			104	86	36	02	16		995		HS
SA	1550	250 - SCT	20			100	87	37	36	12		994	714 1001 87 RADAT 20163	Dca
SA	1650	250 - SCT	20			100	87	37	36	12		994		Dca
SA	1752	250 - SCT	20			100	86	35	02	14		994		Dca
SA	1853	CLR	20			109	83	34	05	08		996	307 1001	Dca
SA	1952	CLR	20			109	79	31	07	08		996		Dca
SA	2050	CLR	20			115	74	21	07	08		997		Dca
SA	2150	CLR	20			117	75	21	11	05		999	307 87	Dca
SA	2255	CLR	20			115	70	18	06	08		997		Dca
SA	2353	CLR	20			112	71	18	04	12		997		Dca

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

FM12-VII [illegible] 4PPPP [illegible] 6RRR[illegible] 7wwW[illegible]W[illegible] 8N[illegible]C[illegible]C[illegible]C[illegible] plus regional and national data gr[illegible]

NATIONAL WEATHER SERVICE

WSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUN 21 1989

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 58	26.600			15	10	10	Ci	250												4	2	.090			00-01
01 50	26.600			15	3															0					01-02
02 53	26.610			14	0															0					02-03
03 53	26.620			14	1	1	Ci	250												0	3	.020			03-04
04 50	26.630			14	7															0					04-05
05 50	26.660			15	10															0					05-06
06 50	26.660			15	10	10	Ci	250												0	1	.040			06-07
07 50	26.660			16	10															0					07-08
08 51	26.660			16	10															0					08-09
09 52	26.660			17	10	10	Ci	250												0	4	.000			09-10
10 51	26.630			17	10															0					10-11
11 51	26.610			16	8															0					11-12
12 51	26.580			17	9	9	Ci	250												0	7	.080			12-13
13 50	26.570			17	10															0					13-14
14 50	26.550			17	10															0					14-15
15 50	26.540			17	2	2	Ci	250												0	7	.040			15-16
16 50	26.540			17	1															0					16-17
17 52	26.540			16	1															0					17-18
18 53	26.560			17	0	0	Ci	250												0	3	.020			18-19
19 52	26.560			17	0															0					19-20
20 50	26.570			14	0															0					20-21
21 50	26.580			13	0															0	3	.020			21-22
22 55	26.570			14	0															0					22-23
23 53	26.570			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0351	X	0	0	X	74	66	X	X						X		
	0351	1	0	0	0	78	66		0								
	0950	2	0	0	0	77	65		0								
	1548	3	0	0	0	87	76		0								
	2148	4	0	0	0	87	73		0								
	MID.	X	0	0	0	76	69	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0951	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.620	26.660	26.540	26.580
BAROGRAPH 64	26.620	26.665	26.550	26.580
BAR. CORR. 65	0	*-.005	-.010	±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	0400 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	0	0	0	29	E	0005					7	5		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0426 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: / 0730 / / 1604P /

BAROGRAPH CHANGED RE-SET TO "0"

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 22 1989

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			115	71	18	12	10		999	500	Dca
SA	0150	CLR	20			118	70	16	03	15		000		Dca
SA	0250	CLR	20			119	67	14	02	14		000		Dca
SA	0351	CLR	20			120	65	12	05	11		000	103 65 RADAT 26150	HS
SA	0450	CLR	20			120	64	11	05	12		000	CI E	HS
SA	0552	CLR	20			118	69	15	03	12		000	CI SE	HS
SA	0654	CLR	20			118	73	20	04	14		000	CISE 400 1001	HS
SA	0750	CLR	20			115	76	22	03	11		999	CI SE	HS
SA	0850	CLR	20			107	80	28	11	12		996	CI E	HS
SA	0951	CLR	20			099	82	28	17	11		994	CIE 717 1001 63	HS
SA	1051	CLR	20			088	85	32	14	10		991	CI E	HS
SA	1150	CLR	20			078	87	35	29	05		988	FEWCI	HS
SA	1250	CLR	20			067	88	38	21	06		985	FEWCI 727 1001	HS
SA	1350	CLR	20			056	89	37	20	09		982		HS
SA	1450	CLR	20			049	91	38	27	05		980	FEWCI	HS
SA	1550	CLR	20			042	91	38	26	10	G20	977	624 92 RADAT 21159	Dca
SA	1659	CLR	20			027	91	38	27	14		974		Dca
SA	1754	CLR	20			021	90	37	26	10		972		Dca
SA	1852	CLR	20			018	88	34	22	07		971	620 1001	Dca
SA	1950	CLR	20			019	83	31	19	05		971		Dca
SA	2050	CLR	20			019	77	25	03	05		971		Dca
SA	2053-2153	CLR	20			014	82	31	18	05		970	803 92	Dca
SA	2250	CLR	20			011	72	21	06	03		969		Dca
SA	2350	CLR	20			010	72	21	11	06		969		Dca

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

FM12-VII [illegible] YY [illegible] TTT 2s[illegible]TdTdTd 3P[illegible] 4PPPP Sopp[illegible] 6RRR[illegible] 7ww[illegible] 8N[illegible] plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 22 1989

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	26.580			13	0															0	5	.000			00-01
01 50	26.590			16	0															0					01-02
02 50	26.590			13	0															0					02-03
03 51	26.590			13	0															0	1	.010			03-04
04 50	26.590			12	0															0					04-05
05 52	26.590			13	0															0					05-06
06 54	26.590			14	0	0	C_1	250												0	4	.000			06-07
07 50	26.580			14	0															0					07-08
08 50	26.560			15	0															0					08-09
09 51	26.540			14	0	0	C_1	250												0	7	.050			09-10
10 51	26.510			15	0															0					10-11
11 50	26.485			16	0															0					11-12
12 50	26.460			17	0	0	C_1	250												0	7	.080			12-13
13 50	26.430			16	0															0					13-14
14 50	26.410			16	0															0					14-15
15 50	26.390			16	0															0	6	.070			15-16
16 55	26.360			16	0															0					16-17
17 54	26.340			16	0															0					17-18
18 52	26.330			15	0	0	C_1	250												0	6	.060			18-19
19 50	26.330			15	0															0					19-20
20 50	26.330			15	0															0					20-21
21 53	26.320			16	0															0	8	.010			21-22
22 50	26.310			15	0															0					22-23
23 50	26.310			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 0349	X	0	0	X	71	65	X	X						X		
	0349	1	0	0	0	76	65		0								
	0949	2	0	0	0	82	63		0								
	1548	3	0	0	0	92	82		0								
	2148	4	0	0	0	91	76		0								
	MID.	X	0	0	0	82	71	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0950	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62	?			
STA. PRESS. 63	26.590	26.540	26.390	26.320
BAROGRAPH 64	26.590	26.545	26.390	26.325
BAR. CORR. 65	0	-.005	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	4AM SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (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	63	0	0	0	21	W	1625					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 04:26 SUNSET 19:06

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10700 / 1559P /

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE JUN 23 1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVER'S INITIALS (15)
SA	0051	CLR	20			006	73	20	32	09		967	707	DCa
SA	0150	CLR	20			010	71	20	03	10		969		DCa
SA	0250	CLR	20			008	73	21	10	06		969		DCa
SA	0352	CLR	20			008	65	15	03	05		967	000 64	HS
SA	0450	CLR	20			011	67	19	00	00		969	RADAT 43143	HS
SA	0550	CLR	20			012	73	20	00	00		970		HS
SA	0650	CLR	20			015	78	27	36	06		971	210	HS
SA	0750	CLR	20			019	81	29	32	08		972		HS
SA	0850	CLR	20			018	83	31	19	06		971	CI NW	HS
SA	0951	250-SCT	20			014	86	32	21	07		971	000 1001 64	HS
SA	1052	250-SCT	20			014	88	36	28	08		970		HS
SA	1154	CLR	20			013	90	37	20	12		970	FEW CU CI	HS
SA	1250	CLR	20			009	92	40	21	06		970	FEW CU 605 110D	HS
SA	1350	CLR	20			006	93	41	24	12		968	FEW CU	HS
SA	1450	CLR	20			000	93	41	23	09		966	FEW CU	HS
SA	1552	CLR	20			003	93	40	17	09	G19	966	*608 110095* FEW Cu	DCa
SA	1654	CLR	20			995	93	40	20	10	G23	964	Cu W-E RADAT 46139	DCa
SA	1750	90 SCT 250 SCT	20			990	92	39	21	13		964		DCa
SA	1855	90 SCT 250 SCT	20			991	89	36	19	12		964	507 1401	DCa
SA	1951	90 SCT 250 SCT	20			000	87	32	22	14		966		DCa
SA	2050	90 SCT 250 SCT	20			006	85	33	22	11	G20	969		DCa
RS ~~SA~~	~~2255~~ 2155	90 SCT 250 SCT	20			017	83	33	30	12		972	*324 1401 95* APRNT	DCa
													FROPA WSNFT 42	
SA	2257	90 SCT 250 SCT	20			025	81	32	33	10		974		DCa
SA	2356	250 SCT	20			034	78	33	33	10		976		DCa

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

FM12-VII: IIIII iiiiiAVV Nddff 1s$_n$TTT 2s$_n$T$_d$T$_d$T$_d$ 3P$_o$P$_o$P$_o$P 4PPPP 5ppp 6RRR$_{tp}$ 7wwW$_1$W$_2$ 8N$_n$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 23 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 51	26.300			13	0															0	7	.020			00-01
01 50	26.310			14	0															0					01-02
02 50	26.310			14	0															0					02-03
03 52	26.300			14	0															0	0	.000			03-04
04 50	26.310			16	0															0					04-05
05 50	26.320			14	0															0					05-06
06 50	26.330			15	0															0	2	.030			06-07
07 50	26.340			15	0															0					07-08
08 50	26.330			16	0															0					08-09
09 51	26.330			15	2	2	Ci	250												0	0	.000			09-10
10 52	26.320			16	2															0					10-11
11 54	26.320			16	0															0					11-12
12 50	26.315			16	0	0	Cu	90												0	6	.015			12-13
13 50	26.305			16	0															0					13-14
14 50	26.290			16	0															0					14-15
15 52	26.290			16	0	0	Cu	90												0	6	.025			15-16
16 54	26.270			16	0															0					16-17
17 50	26.265			16	1															1					17-18
18 55	26.270			15	2	2	Sc	90	0	Ci	250	2								2	5	.020			18-19
19 51	26.290			14	2															2					19-20
20 50	26.310			16	2															2					20-21
21 55	26.340			17	4	2	Sc	90	2	Ci	250	4								3	3	.070			21-22
22 57	26.360			17	3															2					22-23
23 56	26.380			19	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	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	73	64	X	X						X		
	0350	1	0	0	0	82	64		0								
	0949	2	0	0	0	86	65		0								
	1550	3	0	0	0	95	85		0								
	2150	4	0	0	0	94	82		0								
	MID.	X	0	0	0	83	78	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0950	1551	2151
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.300	26.330	26.290	26.340
BAROGRAPH 64	26.310	26.340	26.295	26.340
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	09AM 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	64	0	0	0	23	SW	1649					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 04:26 SUNSET 19:06

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1025 / 0950 / 1600 P

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK, NV

DATE: JUN 24 1989

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	0052	CLR	20			034	76	34	31	05		976	114	Dca
SA	0150	CLR	20			034	74	37	02	14G	21	976		Dca
SA	0251	CLR	20			037	72	38	02	17G	25	977		Dca
SA	0351	CLR	20			050	71	38	05	14		981	314 1400 71 RADAT 40135	HS
SA	0450	CLR	20			050	71	37	05	15		981	FEW SC	HS
SA	0551	CLR	20			058	72	39	05	12		983		HS
SA	0652	CLR	20			061	75	39	06	13		984	310	HS
SA	0752	CLR	20			064	78	39	02	14		985		HS
SA	0850	CLR	20			065	81	38	00	00		985	CU FRMG NW SE	HS
SA	0950	CLR	20			064	83	37	21	08		985	FEW CU 103 1100 70	HS
SA	1050	100SCT 250SCT	20			064	85	37	23	05		985		HS
SA	1151	100 SCT 250 SCT	20			064	87	36	26	03		985		HS
SA	1250	100SCT 250 SCT	20			061	87	36	25	06		984	803 11081	HS
SA	1352	100SCT 250 SCT	20			057	89	35	25	04		983		HS
SA	1450	100SCT 250SCT	20			055	90	34	21	16	G23	982		HS
SA	1550	100 SCT 250 SCT	20			052	89	34	22	14G	22	981	710 1101 90 RADAT 49132	Dca
SA	1651	100 SCT 250 SCT	20			052	88	33	22	14G	22	981		Dca
SA	1752	100 SCT 250 SCT	20			054	85	33	21	09G	17	981		Dca
SA	1850	100SCT 250 SCT	20			057	84	32	21	10		982	303 1401	Dca
SA	1938	100SCT 250SCT	20						01	18G	29	983	WSHFT 34	Dca
SA	1951	100 SCT 250 SCT	20			064	79	42	01	19G	27	984	WSHFT 34	Dca
SA	2050	100 SCT 250 SCT	20			077	73	44	01	20G	32	987		Dca
SA	2150	100SCT	20			085	72	43	03	17G	27	990	224 1500 90	Dca
SA	2255	CLR	20			092	71	42	03	22G	31	992		Dca
SA	2352	CLR	20			095	70	43	04	21G	30	993	FEW Ci	Dca

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

FM12-VII [illegible] Nddff [illegible] TTT 2s[illegible] [illegible] 4PPPP 5appp 6RRR [illegible] 8N$_h$C$_L$C$_M$C$_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 24 1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.380			22	0															0	1	.040			00-01
01 50	26.380			21	0															0					01-02
02 51	26.390			29	0															0					02-03
03 51	26.420			30	0	0	Sc	100												0	3	.040			03-04
04 50	26.420			30	0															0					04-05
05 51	26.440			30	0															0					05-06
06 52	26.450			27	0															0	3	.030			06-07
07 52	26.460			25	0															0					07-08
08 50	26.460			22	0															0					08-09
09 50	26.460			20	0	0	Cu	100												0	1	.010			09-10
10 50	26.460			18	2															2					10-11
11 51	26.460			17	3															3					11-12
12 50	26.450			16	3	2	Cu	100	1	Ci	250	3								3	8	.010			12-13
13 52	26.440			15	3															3					13-14
14 50	26.430			14	3															3					14-15
15 50	26.420			14	3	2	Cu	100	1	Ci	250	3								3	7	.030			15-16
16 51	26.420			14	2															2					16-17
17 52	26.420			15	3															2					17-18
18 50	26.430			15	5	3	Sc	100	2	Ci	250	5								4	3	.010			18-19
19 51	26.450			27	5															4					19-20
20 50	26.480			35	1															1					20-21
21 50	26.500			35	1	1	Sc	100												1	2	.070			21-22
22 55	26.520			35	0															0					22-23
23 52	26.530			38	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 0349		0	0		78	71										
	0349	1	0	0	0	83	71		0								
	0948	2	0	0	0	83	70		0								
	1548	3	0	0	0	90	82		0								
	2148	4	0	0	0	89	72		0								
	MID.		0	0	0	72	70										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0350	0949	1549	2149
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.420	26.460	26.420	26.500
BAROGRAPH 64	26.410	26.470	26.420	26.505
BAR. CORR. 65	+.010	+.010	0	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL 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
90	70	0	0	0	33	N	2002					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 04:26 SUNSET 19:06

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1090 / 1601 P /

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

DATE JUN 25 1989

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

SURFACE WEATHER OBSERVATIONS

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13) 2	OB. SERVER'S INITIALS (15)
SA	0052	250 SCT	20			103	68	44	04	16	G26	995	817 1001	Oca
SA	0153	250 SCT	20			107	67	43	04	13	G21	996	CB OCNL ⊡GCG DSNTW	Oca
SA	0250	250 SCT	20			111	67	42	04	18		997		Oca
SA	0350	250 SCT	20			107	66	42	06	18		996	003 1001 66 RADAT 79119	CH
SA	0450	50 SCT	20			112	66	43	07	10		997		CH
SA	0550	250 SCT	20			111	70	41	08	15		997		CH
SA	0650	250 -SCT	20			107	73	42	12	12		996	000 1001	CH
SA	0750	CLR	20			108	75	41	12	07		996	FEW CU	CH
SA	0850	CLR	20			114	77	40	34	06		997	FEW CU	CH
SA	0950	CLR	20			113	79	39	20	06		997	FEW CU/3031100 65	CH
SA	1050	50 SCT	20			113	81	39	28	06		997		CH
SA	1150	50 SCT	20			109	83	38	24	12		996		CH
SA	1250	50 SCT	20			110	84	37	33	06		996	603 1100	CH
SA	1350	50 SCT	20			105	84	37	13	05	G14	995		CH
SA	1450	50 SCT	20			100	87	37	33	05		994		CH
SA	1554	70 SCT	20			097	88	36	22	06		993	710 1100 89 RADAT 65126	[illegible]
SA	1656	70 SCT	20			096	87	34	35	06		993		[illegible]
SA	1755	70 SCT	20			100	86	31	05	09		994		[illegible]
SA	1853	CLR	20			099	85	31	06	07		994	103 ~~10~~ 1400	[illegible]
SA	1951	CLR	20			100	80	30	06	06		994	FEW CI	[illegible]
SA	2051	CLR	20			107	77	30	12	04		996		[illegible]
SA	2150	CLR	20			107	75	29	10	07		996	107 89	[illegible]
SA	2252	CLR	20			107	74	29	07	04		996		[illegible]
SA	2359	CLR	20			107	73	30	05	09		996		[illegible]

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

FM12-VII [illegible] hVV Nddff 1s [illegible] 3PoPo PoPo 4PPPP 5[illegible] 6RRRtR 7wwW1W2 8NpCLCMCH plus regional and national data groups.

(4-86)

NOAA
NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

WSMO, DESERT ROCK, NV

DATE JUN 25 1989

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	TYPE 23	HEIGHT 24	SECOND LAYER AMT. 25	TYPE 26	HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	TYPE 30	HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	TYPE 34	HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 52	26.550			42	2	2	Ci	250												2	2	.050			00-01
01 53	26.560			42	1															1					01-02
02 50	26.570			40	2															2					02-03
03 50	26.560			42	2	2	Ci	250												2	0	.010			03-04
04 50	26.570			43	1															1					04-05
05 50	26.570			35	1															1					05-06
06 50	26.560			33	1	1	Ci	250												0	0	.000			06-07
07 50	26.560			30	0															0					07-08
08 50	26.570			27	0															0					08-09
09 50	26.570			24	0	0	Cu	50												0	3	.010			09-10
10 50	26.570			22	1															1					10-11
11 50	26.560			20	3															3					11-12
12 50	26.560			19	3	3	Cu	50												3	6	.010			12-13
13 50	26.550			19	3															3					13-14
14 50	26.540			17	3															3					14-15
15 54	26.530			16	4	4	Cu	70												4	7	.030			15-16
16 56	26.530			15	2															2					16-17
17 55	26.540			14	1															1					17-18
18 53	26.540			14	0	0	Sc	70												0	1	.010			18-19
19 51	26.540			16	0															0					19-20
20 51	26.560			18	0															0					20-21
21 50	26.560			18	0															0	1	.020			21-22
22 52	26.560			19	0															0					22-23
23 59	26.560			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 0348		0	0		70	66										
	0348	1	0	0	0	72	66		0								
	0948	2	0	0	0	79	65		0								
	1550	3	0	0	0	89	79		0								
	2147	4	0	0	0	88	75		0								
	MID.		0	0	0	77	73										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1554	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.560	26.570	26.530	26.560
BAROGRAPH 64	26.560	26.565	26.510	26.565
BAR. CORR. 65	± 0	+.005	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML TO (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	DIRECTION 72	TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
89	65	0	0	0	26	NE	0046					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 04:27 SUNSET 19:06

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1060OP/1555 /

BAROGRAPH CHANGED 0950P

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 26 - 1989

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	0054	CLR	20			106	73	32	04	08		996	400	WG
SA	0152	CLR	20			108	70	30	09	05		996		WG
SA	0251	CLR	20			111	70	32	05	08		997		WG
SA	0350	CLR	20			112	65	30	09	04		997	103 65 RADAT 54126	CH
SA	0450	250 SCT	20			117	65	33	00	00		999		CH
SA	0550	250-SCT	20			114	73	36	00	00		999		CH
SA	0650	250-SCT	20			115	79	35	00	00		000	207 1001	CH
SA	0750	250-SCT	20			112	81	35	00	00		999		CH
SA	0850	CLR	20			108	85	35	11	12		997		CH
SA	0950	CLR	20			108	87	34	13	08		997	607 1100 64	CH
SA	1050	CLR	20			105	88	38	10	06		996		CH
SA	1150	CLR	20			095	90	38	17	06		994		CH
SA	1250	CLR	20			087	92	40	18	08		992	717 1100	CH
SA	1350	CLR	20			080	93	41	20	08		990		CH
SA	1450	CLR	20			069	93	41	20	14	G20	986		CH
SA	1555	90 SCT	20			069	93	40	18	11		985	620 1100 95 RADAT 54135	WG
SA	1655	90 SCT	20			065	93	39	20	10		984		WG
RS	1750	90 SCT	20			057	92	38	14	14	G24	983	WSHFT 46	WG
RS	1852	90 SCT	20			056	89	35	23	13		983	WSHFT 41 / 607 1400	WG
SA	1957	CLR	20			056	86	32	21	11		983	FEW SC	WG
SA	2050	CLR	20			061	81	30	22	03		984		WG
SA	2155	CLR	20			064	81	28	25	06		985	307 95	WG
SA	2250	CLR	20			064	80	27	19	09		985		WG
SA	2350	CLR	20			064	78	24	19	08		985		WG

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

FM12-VII: IIiii ... NddH 1s0TT1 2s0TdTdTd 3P0P0P0P0 4PPPP 5oppp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUNE 26-1989

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.
0084	26.560			22	0															0	4	.000			00-01
0152	26.560			23	0															0					01-02
0251	26.570			24	0															0					02-03
0350	26.570			27	0															0	1	.010			03-04
0450	26.580			30	1															1					04-05
0550	26.580			26	3															0					05-06
0650	26.590			21	3	3	Ci	250												0	2	.020			06-07
0750	26.580			19	3															0					07-08
0850	26.570			17	0															0					08-09
0950	26.570			15	0	0	Cu	70												0	6	.020			09-10
1050	26.560			17	0															0					10-11
1150	26.540			16	0															0					11-12
1250	26.520			16	0	0	Cu	70												0	7	.050			12-13
1350	26.500			16	0															0					13-14
1450	26.470			16	0															0					14-15
1555	26.460			16	2	2	Cu	90												2	6	.060			15-16
1655	26.450			15	2															2					16-17
1750	26.440			15	2															2					17-18
1852	26.440			15	1	1	Sc	90												1	6	.020			18-19
1957	26.440			14	0															0					19-20
2050	26.450			16	0															0					20-21
2155	26.460			14	0															0	3	.020			21-22
2250	26.460			14	0															0					22-23
2350	26.460			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	74	65	X	X						X		
	0348	1	0	0	0	77	65		0								
	0948	2	0	0	0	87	64		0								
	1551	3	0	0	0	95	87		0								
	2152	4	0	0	0	94	79		0								
	MID.	X	0	0	0	81	76	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1555	2155
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.570	26.460	26.460
BAROGRAPH 64	26.580	26.580	26.470	26.460
BAR. CORR. 65	-.010	-.010	-.010	0

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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	64	0	0	0	24	SE	1744					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 0427 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1041 / 1904 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 27-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0055	CLR	20			067	77	22	20	14		986	303	
SA	0155	CLR	20			072	75	21	19	16		987		
SA	0251	CLR	20			072	74	33	19	17	G24	987		
SA	0350	CLR	20			075	73	40	19	17	G24	988	207 73 RADAT 20137	CH
SA	0450	CLR	20			076	72	39	17	19	G25	988		CH
SA	0550	CLR	20			080	74	34	17	19	G26	990		CH
SA	0650	CLR	20			090	77	28	18	16	G26	993	314	CH
SA	0750	CLR	20			095	78	30	19	20	G28	994		CH
SA	0850	CLR	20			093	80	29	18	20	G26	993		CH
SA	0950	CLR	20			095	82	28	20	20	G30	994	303 72	CH
SA	1050	CLR	20			095	84	30	18	22	G29	994		CH
SA	1150	CLR	20			095	85	34	18	17	G28	994		CH
SA	1250	CLR	20			088	87	35	18	18	G26	992	607	CH
SA	1350	CLR	20			080	88	36	19	20	G26	990		CH
SA	1450	CLR	20			077	89	37	20	22	G31	988		CH
SA	1550	CLR	20			074	89	36	21	24	G34	987	714 90	CH
SA	1653	CLR	20			075	87	35	23	19	G32	987	RADAT 24129	
SA	1753	CLR	20			075	86	34	23	19	G28	987		
SA	1850	CLR	20			078	84	32	21	18	G28	988	303	
SA	1951	CLR	20			083	81	29	22	12	G20	990		
SA	2053	CLR	20			090	80	27	21	13	G20	992		
SA	2155	CLR	20			098	78	25	20	13		994	317 90	
SA	2250	CLR	20			103	73	20	10	03		995		
SA	2350	CLR	20			102	75	20	19	13	G20	995		

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

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

NATIONAL WEATHER SERVICE

CSMO, DESERT ROCK NEVADA

SURFACE WEATHER OBSERVATIONS

DATE JUNE 27-1989

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 55	26.470			13	0															0	3	.010			00-01
01 55	26.480			13	0															0					01-02
02 51	26.480			22	0															0					02-03
03 50	26.490			30	0															0	2	.020			03-04
04 50	26.490			30	0															0					04-05
05 50	26.500			23	0															0					05-06
06 50	26.530			17	0															0	3	.040			06-07
07 50	26.540			17	0															0					07-08
08 50	26.530			16	0															0					08-09
09 50	26.540			14	0															0	3	.010			09-10
10 50	26.540			14	0															0					10-11
11 50	26.540			16	0															0					11-12
12 50	26.520			16	0															0	6	.020			12-13
13 50	26.500			16	0															0					13-14
14 50	26.490			16	0															0					14-15
15 56	26.480			15	0															0	7	.040			15-16
16 53	26.480			16	0															0					16-17
17 53	26.480			16	0															0					17-18
18 50	26.490			15	0															0	3	.010			18-19
19 51	26.500			15	0															0					19-20
20 53	26.520			14	0															0					20-21
21 55	26.540			14	0															0	3	.050			21-22
22 50	26.550			13	0															0					22-23
23 50	26.550			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0348	X	0	0	X	78	73	X	X						X		
	0348	1	0	0	0	81	73		0								
	0948	2	0	0	0	82	72		0								
	1548	3	0	0	0	90	82		0								
	2152	4	0	0	0	89	77		0								
	MID.	X	0	0	0	78	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1548	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.490	26.540	26.480	26.540
BAROGRAPH 64	26.490	26.540	26.490	26.545
BAR. CORR. 65	± 0	± 0	-.010	-005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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	72	0	0	0	34	SW	1612*					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 0427 SUNSET 1906

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1045 / 1655 /

* LAST OF SEVERAL OCCURANCES

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WSMO, DESERT ROCK NEVADA

DATE: JUNE 28-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP. (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (100-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0050	CLR	20			098	73	18	17	18		994	000	
SA	0154	CLR	20			100	73	17	21	09		995		
SA	0250	CLR	20			105	72	18	23	07		996		
SA	0350	CLR	20			110	70	16	22	12		997	210 70 RADAT 20135	CH
SA	0450	CLR	20			119	69	17	00	00		000		CH
SA	0550	CLR	20			121	73	20	24	07		001		CH
SA	0650	CLR	20			127	77	24	21	14		003	217	CH
SA	0750	CLR	20			132	78	25	20	15		004		CH
SA	0850	CLR	20			131	81	29	19	16		004		CH
SA	0950	CLR	20			140	81	29	19	17 G24		006	210 68	CH
SA	1050	CLR	20			137	82	30	21	18 G25		005		CH
SA	1150	CLR	20			127	86	31	21	20 G31		003		CH
SA	1250	CLR	20			121	87	32	20	18 G29		001	717	CH
SA	1350	CLR	20			116	88	33	21	19 G27		000		CH
SA	1450	CLR	20			111	89	34	20	19 G26		999		CH
SA	1553	CLR	20			110	90	35	22	20 G27		997	CU DSNT SE / 710 1100	
—	—												90 RADAT 20142	—
SA	1654	CLR	20			106	89	33	21	15 G22		996	FEW CI	
SA	1755	250 - SCT	20			105	88	31	21	15 G22		996		
SA	1852	CLR	20			107	86	31	20	15		997	K LYR ALF DSNT SE-SW	
—	—												500	—
SA	1952	CLR	20			117	82	32	22	13		000	K LYR ALF S-NW	
SA	2053	CLR	20			125	79	32	21	13		002		
SA	2150	CLR	20			128	75	31	02	03		003	115 90	
SA	2251	CLR	20			130	74	31	24	07		003		
SA	2350	CLR	20			125	75	32	23	09		003		

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

FM12-VII IIiii Ii iwW Nddff 1snTTT 2snTdTdTd 3PPPP 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUNE 28 - 1989

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	26.540			12	0															0	0	.000			00-01
01 54	26.550			12	0															0					01-02
02 50	26.560			13	0															0					02-03
03 50	26.570			13	0															0	2	.030			03-04
04 50	26.590			14	0															0					04-05
05 50	26.600			13	0															0					05-06
06 50	26.620			14	0															0	2	.050			06-07
07 50	26.630			14	0															0					07-08
08 50	26.630			15	0															0					08-09
09 50	26.650			15	0															0	2	.030			09-10
10 50	26.640			15	0															0					10-11
11 50	26.620			14	0															0					11-12
12 50	26.600			14	0															0	7	.050			12-13
13 50	26.590			14	0															0					13-14
14 50	26.580			14	0															0					14-15
15 53	26.570			14	0	0	CU	90												0	7	.030			15-16
16 54	26.560			14	0															0					16-17
17 55	26.560			13	3															0					17-18
18 52	26.570			14	0	0	K	150												0	5	.000			18-19
19 52	26.590			16	0															0					19-20
20 53	26.610			18	0															0					20-21
21 50	26.615			20	0															0	1	.045			21-22
22 51	26.620			21	0															0					22-23
23 50	26.615			21	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0350	X	0	0	X	75	70	X	X						X		
	0350	1	0	0	0	78	70		0								
	0948	2	0	0	0	81	68		0								
	1549	3	0	0	0	90	80		0								
	2147	4	0	0	0	90	75		0								
	MID.	X	0	0	0	76	73	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0348	0948	1553	2150
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.570	26.650	26.570	26.615
BAROGRAPH 64	26.570	26.660	26.580	26.620
BAR. CORR. 65	± 0	-.010	-.010	-.005

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 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	68	0	0	0	34	SW	1222					0	0		

WEATHER & OBSTRUCTIONS TO VISION

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

90. REMARKS, NOTES AND MISCELLANEOUS PHENOMENA

TIME: SUNRISE 0428 SUNSET 1906

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

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

TIME CHECK — CLOCK CORRECT TO NEAREST MINUTE AT: 1070 0 / 1955 /

MF 1-10A
(5-83)

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

SURFACE WEATHER OBSERVATIONS

STATION: WBMO, DESERT ROCK NEVADA

DATE: JUNE 29-1989

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

TYPE (1)	TIME (LST) (2)	SKY AND CEILING (Hundreds of Feet) (3)	VISIBILITY (Miles) SURFACE (4)	VISIBILITY (Miles) TOWER (4a)	WEATHER AND OBSTRUCTIONS TO VISION (5)	SEA LEVEL PRESS. (Mbs.) (6)	TEMP (°F) (7)	DEW PT. (°F) (8)	WIND DIRECTION (00-36) (9)	WIND SPEED (Kts.) (10)	WIND CHARACTER (11)	ALTIMETER SETTING (Ins.) (12)	REMARKS AND SUPPLEMENTAL CODED DATA (13)	OBSERVERS INITIALS (15)
SA	0054	CLR	20			124	74	33	22	12		002	802	~~MY~~
SA	0151	CLR	20			125	72	33	23	10		002		~~MY~~
SA	0250	CLR	20			125	68	32	21	03		002		~~MY~~
SA	0353	CLR	20			124	69	32	07	07		002	802 1001 66 RADAT 20146	RD
SA	0456	CLR	20			129	62	31	03	08		003		RD
SA	0550	CLR	20			131	71	33	36	04		004	K LYR ALF S-NW	RD
SA	0651	CLR	20			140	75	34	27	06		006	K LYR ALF S-NW/214	RD
SA	0751	CLR	20			141	77	33	24	04		007	K LYR REF S-NW	RD
SA	0853	CLR	20			136	82	32	22	15		006	THN K LYR SW-NW	RD
SA	0953	CLR	20			135	85	32	23	12		005	THN K LYR SW-NW/803	RD
—			—			—						—	62	—
SA	1053	CLR	20			132	88	35	23	20	G30	005		RD
SA	1154	CLR	20			124	90	36	21	21	G34	005		RD
SA	1255	CLR	20			121	90	37	20	14	G26	002	710	RD
SA	1351	CLR	20			113	92	39	21	20		000		RD
SA	1457	CLR	20			110	92	39	20	18	G28	998		RD
SA	1550	CLR	20			110	91	38	21	13	G23	998	612 93 RADAT 20147	JS
SA	1654	CLR	20			109	89	37	23	16	G26	996		JS
SA	1751	CLR	20			105	88	35	21	14	G22	996		JS
SA	1854	CLR	20			107	86	34	21	14		997	502	JS
SA	1953	CLR	20			105	84	31	21	12		997		JS
SA	2051	CLR	20			107	83	30	21	12		998		JS
SA	2153	CLR	20			108	79	28	14	04		998	102 93	JS
SA	2250	CLR	20			111	70	21	06	03		998		JS
SA	2350	CLR	20			111	68	16	35	07		998		JS

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

FM12-VII Ind iiiiY YY Nddff 1sn TTT 2snTdTdTd 3P0P0P0P0 4PPPP 5appp 6RRRtR 7wwW1W2 8NhCLCMCH plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUNE 29-1989

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 54	26.610			22	0															0	8	.005			00-01
01 51	26.610			24	0															0					01-02
02 50	26.610			26	0															0					02-03
03 53	26.605			26	0	0	CI	250												0	8	.005			03-04
04 56	26.615			31	0															0					04-05
05 50	26.630			25	0															0					05-06
06 51	26.645			22	0	0	K	150												0	2	.040			06-07
07 51	26.650			20	0															0					07-08
08 52	26.645			17	0															0					08-09
09 53	26.635			15	0	0	K	150												0	8	.010			09-10
10 53	26.630			15	0															0					10-11
11 54	26.615			15	0															0					11-12
12 55	26.605			16	0															0	7	.030			12-13
13 51	26.585			16	0															0					13-14
14 57	26.570			16	0															0					14-15
15 50	26.570			16	0															0	6	.035			15-16
16 54	26.555			16	0															0					16-17
17 51	26.555			15	0															0					17-18
18 54	26.565			15	0															0	5	.005			18-19
19 53	26.560			15	0															0					19-20
20 51	26.570			15	0															0					20-21
21 53	26.570			15	0															0	1	.005			21-22
22 50	26.570			16	0															0					22-23
23 50	26.570			13	0															0					23-24

SYNOPTIC OBSERVATIONS

TIME (G.M.T.) 41	TIME (L.S.T.) 42	NO. 43	PRECIP. (Ins.) 44	SNOW FALL (Ins.) 45	SNOW DEPTH (Ins.) 46	MAX. TEMP. (°F) 47	MIN. TEMP. (°F) 48	49	STATE OF GRND. 50	51	52	53	54	55	SOIL TEMP. 56	57	58
	MID. TO 0346		0	0		76	66										
	0346	1	0	0	0	76	66		0								
	0947	2	0	0	0	85	62		0								
	1548	3	0	0	0	93	84		0								
	2149	4	0	0	0	91	78		0								
	MID.		0	0	0	79	68										

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0352	0952	1550	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26.605	26.635	26.570	26.570
BAROGRAPH 64	26.625	26.635	26.560	26.550
BAR. CORR. 65	-.020	*0	+.010	+.020

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNMLTD (Ins.) 69	0400 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
93	62	0	0	0	34	SW	1150					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 0428 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 10626 / 1721 /

*Changed MICROBAROGRAPH AND RESET TO ZERO AT 0952 LST

MF 1-10A
(5-83)

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

STATION WSMO, DESERT ROCK, NV

SURFACE WEATHER OBSERVATIONS

DATE JUN 30 1989

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			106	69	18	34	05		997	803	JS
SA	0156	CLR	20			103	67	14	02	08		996		JS
SA	0250	CLR	20			107	66	14	34	04		997		JS
SA	0352	CLR	20			104	62	13	07	05		995	803 62 RADAT 20150	RD
SA	0451	CLR	20			109	61	13	05	06		996		RD
SA	0556	CLR	20			112	66	14	15	03		997		RD
SA	0654	CLR	20			110	75	24	29	04		998	208	RD
SA	0750	CLR	20			114	79	27	29	05		999		RD
SA	0853	CLR	20			107	83	30	23	13		997		RD
SA	0953	CLR	20			101	88	35	22	18		996	805 60	RD
SA	1051	CLR	20			107	89	36	21	20		997		RD
SA	1150	CLR	20			105	91	38	20	22		996		RD
SA	1250	CLR	20			100	92	39	19	12	G26	995	705	RD
SA	1359	CLR	20			094	93	40	21	18	G29	993	PK WND 2037/2053	RD
SA	1453	CLR	20			087	93	39	22	22		991		RD
SA	1553	CLR	20			084	93	39	21	16	G24	990	717 94 RADAT 22156	JS
SA	1650	CLR	20			079	92	38	20	16	G34	988		JS
SA	1752	CLR	20			076	90	36	19	15		987		JS
SA	1853	CLR	20			072	88	34	21	13	G21	987	607	JS
SA	1952	CLR	20			075	86	32	20	09		989		JS
SA	2052	CLR	20			081	82	33	22	15		990		JS
SA	2153	CLR	20			085	79	32	11	07		992	214 94	JS
SA	2254	CLR	20			084	77	32	15	09		991		JS
SA	2351	CLR	20			083	77	28	17	10		991		JS

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

FM12-VII: IIIII $i_p i_s$ hVV Nddff $1s_n$TTT $2s_n T_d T_d T_d$ $3P_o P_o P_o P_o$ 4PPPP 5appp 6RRRt_R 7wwW$_1$W$_2$ 8N_h $C_L C_M C_H$ plus regional and national data groups.

NATIONAL WEATHER SERVICE

SURFACE WEATHER OBSERVATIONS

DATE JUN 30 1985

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

TIME (L.S.T.) 16	STATION PRESSURE (Ins.) 17	DRY BULB (°F) 18	WET BULB (°F) 19	REL. HUMIDITY (%) 20	TOTAL SKY COVER 21	CLOUDS AND OBSCURING PHENOMENA: LOWEST LAYER AMT. 22	LOWEST LAYER TYPE 23	LOWEST LAYER HEIGHT 24	SECOND LAYER AMT. 25	SECOND LAYER TYPE 26	SECOND LAYER HEIGHT 27	SUMMATION TOTAL 28	THIRD LAYER AMT. 29	THIRD LAYER TYPE 30	THIRD LAYER HEIGHT 31	SUMMATION TOTAL 32	FOURTH LAYER AMT. 33	FOURTH LAYER TYPE 34	FOURTH LAYER HEIGHT 35	TOTAL OPAQUE SKY COVER 36	PRESSURE TENDENCY 37	NET 3-HR. CHANGE (Ins.) 38	SUNSHINE (Min.) 39	PRECIPITATION (Ins.) 40	HR.
00 50	26.560			14	0															0	8	.010			00-01
01 50	26.550			13	0															0					01-02
02 50	26.560			13	0															0					02-03
03 52	26.550			15	0															0	8	.010			03-04
04 51	26560			15	0															0					04-05
05 56	26570			13	0															0					05-06
06 54	26.575			15	0															0	2	.025			06-07
07 50	26580			15	0															0					07-08
08 53	26570			15	0															0					08-09
09 53	26560			15	0															0	8	.015			09-10
10 51	26.565			16	0															0					10-11
11 50	26.555			16	0															0					11-12
12 50	26.545			16	0															0	7	.015			12-13
13 59	26530			16	0															0					13-14
14 53	26.510			15	0															0					14-15
15 53	26.495			15	0															0	7	.050			15-16
16 50	26.480			15	0															0					16-17
17 52	26.475			15	0															0					17-18
18 53	26.475			15	0															0	6	.020			18-19
19 52	26485			14	0															0					19-20
20 52	26.500			17	0															0					20-21
21 53	26.515			18	0															0	2	.040			21-22
22 54	26.510			18	0															0					22-23
23 51	26.510			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 0347	X	0	0	X	74	62	X	X						X		
	0347	1	0	0	0	79	62		0								
	0946	2	0	0	0	88	60		0								
	1549	3	0	0	0	94	87		0								
	2149	4	0	0	0	94	78		0								
	MID.	X	0	0	0	80	74	X	X						X		

STATION PRESSURE COMPUTATIONS

TIME (L.S.T.) 59	0351	0953	1553	2153
ATT. THERM. 60				
OBSRVD. BAR. 61				
TOTAL CORR. 62				
STA. PRESS. 63	26550	26560	26.495	26.515
BAROGRAPH 64	26535	26550	26.485	26.500
BAR. CORR. 65	+015	+010	+010	+015

SUMMARY OF DAY (MIDNIGHT TO MIDNIGHT)

24-HR. MAX. TEMP. (°F) 66	24-HR. MIN. TEMP. (°F) 67	24-HR. PRECIP. WATER EQUIV. (Ins.) 68	24-HR. SNOWFALL UNML'TD (Ins.) 69	0700 SNOW DEPTH (Ins.) 70	PEAK WIND SPEED (Kts.) 71	PEAK WIND DIRECTION 72	PEAK WIND TIME (L.S.T.) 73	THICKNESS OF ICE ON WATER (Ins.) 74	FROZEN GROUND LAYER (Ins.) TOP 75	FROZEN GROUND LAYER (Ins.) BASE 76	RIVER GAGE 77	SKY COVER SUNRISE TO SUNSET 78	SKY COVER MIDNIGHT TO MIDNIGHT 79	WATER EQUIV. (Ins.) 80	81
94	60	0	0	0	37	S	1253					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 0429 SUNSET 1906

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

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

TIME CHECK – CLOCK CORRECT TO NEAREST MINUTE AT: 1062 6 / 1856 /