

BA  
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Unedited Surface Weather Observations (METAR/SPEC)						Latitude 40° 53'	Longitude -74° 17'	Station Elev. (ft) 173	Time Conversion	Day 16	Mon. 07	Year 1999	SID CDW	Station (Type, Name, State) ASD CALDWELL, NJ
TIME (LST) P E	WIND				VISIBILITY		PRESENT WEATHER	SKY CONDITIONS	TEMP °C	DEW POINT °C	ALTI- METER INS.	REMARKS AND SUPPLEMENTAL CODED DATA		
	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
S 0053	210	4				10		CLR		23	15	A3012	SLP202 T02330150 10294 20228 51003 TSNO	
S 0153	210	4				10		CLR		23	15	A3012	SLP203 T02280150 TSNO	
S 0253	000	0				10		CLR		22	16	A3012	SLP201 T02220156 TSNO	
S 0353	220	3				9		CLR		22	16	A3012	SLP203 T02220156 53000 TSNO	
S 0453	VRB	3				7		CLR		21	16	A3013	SLP206 T02110161 TSNO	
S 0553	000	0				8		CLR		21	17	A3014	SLP209 T02110167 (BY)	
S 0653	210	4				6		HZ CLR		23	17	A3015	SLP213 T02280172 10233 20211 53011 (BY)	
S 0753	VRB	4				5		HZ CLR		25	18	A3015	SLP212 T02500183 (BY)	
S 0853	000	0				5		HZ CLR		28	19	A3015	SLP212 T02830194 (BY)	
S 0953	VRB	4				5		HZ CLR		31	19	A3014	SLP210 T03060189 58003 (BY)	
S 1053	VRB	6				4		HZ CLR		33	18	A3013	SLP208 T03280178 (BY)	
S 1153	VRB	6				4		HZ CLR		33	18	A3013	SLP205 T03330178 (BY)	
S 1253	260	7		210V300		4		HZ SCT080		34	17	A3011	SLP199 T03440167 10344 20228 58010 (JD)	
S 1353	VRB	5				4		HZ CLR		35	17	A3010	SLP195 T03500167 (JD)	
S 1453	220	7				4		HZ CLR		35	17	A3008	SLP189 T03500172 (JD)	
S 1553	VRB	6				4		HZ CLR		35	17	A3008	SLP138 T03500172 56011 (JD)	
S 1653	230	7		190V260		4		HZ CLR		34	17	A3006	SLP184 T03440172 (JD)	
S 1753	VRB	5				4		HZ CLR		34	18	A3006	SLP184 T03390178 (JD)	
S 1853	230	4				4		HZ CLR		33	18	A3007	SLP186 T03280178 10361 20328 55003 (JD)	
S 1953	220	5				5		HZ CLR		31	19	A3008	SLP199 T03110189 (JD)	
S 2053	220	6				5		HZ CLR		30	19	A3010	SLP195 T03000194 (JD)	
S 2153	VRB	6				5		HZ CLR		29	20	A3011	SLP200 T02890200 53014 TSNO	
S 2253	VRB	6				6		HZ CLR		28	20	A3012	SLP201 T02830200 TSNO	
S 2353	220	4				6		HZ CLR		27	19	A3012	SLP202 T02720194 403610211 TSNO	

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Unedited Surface Weather Observations (METAR/SPEC)						Latitude 41° 23'	Longitude -70° 37'	Station Elev. (ft) 68	Time Conversion	Day 16	Mon. 07	Year 1999	SID MVY	Station (Type, Name, State) ASOS MARTHAS VINEYARD, MA
WIND					VISIBILITY									
TIME Y P E	DIR (LST) TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER	SKY CONDITIONS			TEMP °C	DEW POINT °C	ALTI- METER INS.	REMARKS AND SUPPLEMENTAL CODED DATA
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
S 0053	230	7			10				CLR		19	17	A3010	SLP191 T01940172 10194 20167 56004 TSNO
S 0153	240	9			10				CLR		20	17	A3009	SLP188 T02000167 TSNO
S 0253	250	11			10				CLR		20	17	A3009	SLP187 T02000172 TSNO
S 0353	250	9			10				CLR		20	17	A3008	SLP185 T02000172 58008 TSNO
S 0453	230	5			10				CLR		20	17	A3010	SLP190 T02000172 (PT)
S 0553	240	7			10				CLR		21	18	A3010	SLP192 T02110178 (PT)
S 0653	240	8			10				CLR		23	18	A3010	SLP193 T02280183 10228 20194 51010 (PT)
S 0753	260	7			10				CLR		24	18	A3011	SLP194 T02440183 (PT)
S 0853	210	9			10				CLR		26	21	A3010	SLP193 T02560206 (PT)
S 0953	220	9			10				CLR		26	21	A3011	SLP194 T02610206 53000 (PT)
S 1053	190	7			10				CLR		28	21	A3011	SLP193 T02780206 (PT)
S 1153	280	10			9				CLR		29	19	A3011	SLP193 T02940189 (PT)
S 1253	270	10			9				CLR		30	19	A3009	SLP190 T03000189 10300 20228 58004 (PT)
S 1353	200	11			10				CLR		28	21	A3009	SLP187 T02830206 TSNO
S 1453	230	9			9				CLR		27	20	A3009	SLP188 T02670200 (WH)
S 1553	230	7			7				CLR		28	21	A3009	SLP188 T02780206 55002 (WH)
S 1653	210	11			6			HZ	CLR		24	20	A3008	SLP186 T02440200 (WH)
S 1753	210	8			6			HZ	CLR		24	20	A3009	SLP187 T02390200 (WH)
S 1853	240	7			6			HZ	CLR		23	20	A3009	SLP187 T02330200 10306 20233 55002 (WH)
S 1953	250	7			8				CLR		23	19	A3009	SLP189 T02280189 (WH)
S 2053	240	10	15		10				CLR		24	18	A3010	SLP192 T02390178 (WH)
S 2153	250	10			9				CLR		23	18	A3010	SLP193 T02330178 53008 TSNO
S 2253	250	8			9				CLR		23	18	A3011	SLP193 T02280178 TSNO
S 2353	240	11	17		9				CLR		23	18	A3010	SLP192 T02280178 403060189 TSNO

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Unedited Surface Weather Observations (METAR/SPEC)						Latitude	Longitude	Station Elev. (ft)	Time Conversion	Day	Mon.	Year	SID	Station (Type, Name, State)
						41° 15'	-70° 04'	48		16	07	1999	ACK	ASOS NANTUCKET, MA
WIND					VISIBILITY									
TIME (LST)	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER	SKY CONDITIONS		TEMP °C	DEW POINT °C	ALTI-METER INS.	REMARKS AND SUPPLEMENTAL CODED DATA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
S 0053	240	10			8			CLR		19	18	A3010	SLP1P1 T01890178 10189 20161 56005	
S 0153	250	9			9			CLR		19	18	A3010	SLP179 T01890178	
S 0253	250	9			10			CLR		19	18	A3009	SLP175 T01890178	
S 0353	250	10			10			CLR		19	18	A3008	SLP174 T01890178 55006	
S 0453	250	9			10			CLR		19	18	A3010	SLP179 T01940178	
S 0553	240	11			10			CLR		20	18	A3010	SLP180 T02000183 (KW)	
S 0653	250	12			10			CLR		22	19	A3011	SLP183 T02170189 10217 20189 51008 (KW)	
S 0753	240	12			10			CLR		22	19	A3011	SLP184 T02220194 (KW)	
S 0853	240	12			10			CLR		23	19	A3011	SLP184 T02280194 (KW)	
S 0953	240	15			10			CLR		23	19	A3012	SLP186 T02330194 53003 (KW)	
S 1053	240	17			10			CLR		24	19	A3011	SLP183 T02390194 (KW)	
S 1153	250	14			10			CLR		25	20	A3011	SLP185 T02500200 (KW)	
S 1253	240	15			10			CLR		24	20	A3011	SLP185 T02390200 10250 20217 56002 (KW)	
S 1353	240	13			8			CLR		23	20	A3010	SLP179 T02330200 (KW)	
S 1453	250	16			8			CLR		24	21	A3009	SLP178 T02390206 TSNO	
S 1553	250	13			7			CLR		24	20	A3010	SLP180 T02390200 55003 TSNO	
S 1653	240	16			5		BR	CLR		22	20	A3008	SLP174 T02220200 TSNO	
S 1753	240	15			4		BR	CLR		22	21	A3009	SLP175 T02170206 TSNO	
S 1853	240	12			3		BR	CLR		21	20	A3009	SLP177 T02110200 10250 20211 55003 TSNO	
S 1953	240	11			4		BR	CLR		21	20	A3010	SLP178 T02060200 TSNO	
S 2053	240	12			4		BR	CLR		21	20	A3011	SLP184 T02060200 TSNO	
S 2153	240	12			4		BR	CLR		21	19	A3011	SLP184 T02060194 53006 TSNO	
S 2253	240	10			5		BR	CLR		20	19	A3011	SLP183 T02000189 TSNO	
S 2353	240	10			6		BR	CLR		20	18	A3011	SLP181 T02000183 402500183 TSNO	

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Unedited Surface Weather Observations (METAR/SPEC)						Latitude 41° 40'	Longitude -70° 17'	Station Elev. (ft) 73	Time Conversion	Day 16	Mon. 07	Year 1999	SID HYA	Station (Type, Name, State) ASOS HYANNIS, MA
WIND					VISIBILITY									
TIME (LST)	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER	SKY CONDITIONS	TEMP °C	DEW POINT °C	ALTI- METER INS.	REMARKS AND SUPPLEMENTAL CODED DATA		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
S 0056	260	10			10			FEW075		20	17	A3008	SLP186 T02000172 10206 20189 56007	
S 0156	260	8			10			FEW075		19	18	A3007	SLP183 T01940178	
S 0256	260	10			10			CLR		20	18	A3006	SLP181 T02000183	
S 0356	270	10			10			FEW075		20	18	A3007	SLP182 T02000183 56004	
S 0456	260	8			10			CLR		20	18	A3007	SLP184 T02000183	
S 0556	240	7			10			CLR		21	19	A3008	SLP186 T02110189	
S 0656	260	8			10			FEW060		23	19	A3008	SLP187 T02330194 10233 20194 51006	
S 0756	250	6			10			FEW065 SCT090		26	20	A3009	SLP189 T02560200	
S 0856	230	5			10			FEW080		27	21	A3008	SLP188 T02670211	
S 0956	230	6			10			FEW070		27	22	A3009	SLP190 T02720222 51002	
S 1056	230	7			10			CLR		28	22	A3009	SLP189 T02830222	
S 1156	230	9			10			CLR		30	22	A3008	SLP186 T03000217	
S 1256	220	9			9			FEW070		31	21	A3007	SLP185 T03060211 10317 20233 58004	
S 1356	230	11			9			FEW070		30	22	A3007	SLP183 T03000217	
S 1456	240	16			7			CLR		29	22	A3007	SLP184 T02940217 \$	
S 1556	240	16			6		HZ	FEW070		29	20	A3007	SLP182 T02890200 56003	
S 1656	230	13			6		HZ	FEW070		28	19	A3006	SLP181 T02780194	
S 1756	250	12			6		HZ	SCT070 SCT090		27	19	A3006	SLP181 T02670194	
S 1856	240	10			6		HZ	FEW075		25	20	A3007	SLP183 T02500200 10311 20250 53001	
S 1956	230	7			6		BR	FEW070		23	21	A3007	SLP184 T02330211	
S 2056	230	8			6		BR	FEW075		23	22	A3008	SLP188 T02330217	
S 2156	260	10			7			CLR		23	21	A3008	SLP188 T02330206 51005 TSNO	
S 2256	250	8			7			FEW080		23	21	A3008	SLP187 T02280206 TSNO	
S 2356	260	11			8			CLR		23	19	A3007	SLP184 T02280189 403170194 TSNO	

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Unedited Surface Weather Observations (METAR/SPEC)						Latitude 41° 10'	Longitude -73° 08'	Station Elev. (ft) 7	Time Conversion	Day 16	Mon. 07	Year 1999	SID BDR	Station (Type, Name, State) ASOS BRIDGEPORT, CT
WIND					VISIBILITY									
TIME (LST)	DIR TRUE	SPD KTS	GUST KTS	VARIABILITY TRUE	SURFACE STATUTE MILES	RUNWAY VISUAL RANGE (FT)	PRESENT WEATHER	SKY CONDITIONS		TEMP °C	DEW POINT °C	ALTI- METER INS.	REMARKS AND SUPPLEMENTAL CODED DATA	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
S 0054	000	0			10				CLR	20	18	A3010	SLP131 T02000183 10239 20200 56004 TSNO	
S 0154	000	0			10				CLR	21	18	A3009	SLP190 T02060178 TSNO	
S 0254	000	0			9				CLR	20	17	A3009	SLP187 T02000172 TSNO	
S 0354	260	4			10				CLR	21	17	A3009	SLP189 T02060172 55002 TSNO	
S 0454	270	4			9				CLR	20	18	A3009	SLP191 T02000178 TSNO	
S 0554	000	0			10				CLR	22	17	A3011	SLP196 T02170172 (OP)	
S 0654	240	5			10				CLR	23	17	A3011	SLP197 T02330172 10233 20194 51008 (OP)	
S 0754	220	5			10				CLR	24	18	A3013	SLP202 T02440178 (OP)	
S 0854	230	6			6		HZ		CLR	26	18	A3012	SLP200 T02560178 (MD)	
S 0954	230	9			6		HZ		CLR	26	18	A3012	SLP200 T02610183 51003 (MD)	
S 1054	230	10			9		HZ		CLR	27	18	A3013	SLP202 T02720183 (MD)	
S 1154	230	8			8		HZ		CLR	29	19	A3011	SLP197 T02940189 (MD)	
S 1254	210	7			7		HZ		CLR	31	17	A3010	SLP191 T03060172 10311 20233 58008 (OS)	
S 1354	230	9			7		HZ		CLR	32	17	A3008	SLP187 T03170172 (OS)	
S 1454	210	9			7		HZ		CLR	33	17	A3007	SLP183 T03280172 (OS)	
S 1554	200	13			7		HZ		CLR	32	20	A3007	SLP181 T03220200 56010 (OS)	
S 1654	210	12			7		HZ		CLR	30	21	A3006	SLP180 T03000206 (OS)	
S 1754	240	8			7		HZ		CLR	28	21	A3006	SLP181 T02830211 (OS)	
S 1854	260	4			7		HZ		CLR	27	21	A3007	SLP183 T02720211 10333 20272 53003 (OS)	
S 1954	230	4			8		HZ		CLR	27	21	A3008	SLP184 T02720206 (OS)	
S 2054	210	5			8				CLR	26	20	A3009	SLP188 T02610200 TSNO	
S 2154	220	5			7				CLR	26	20	A3009	SLP189 T02560200 53004 TSNO	
S 2254	240	7			6		HZ		CLR	25	21	A3009	SLP188 T02500206 TSNO	
S 2354	240	7			6		HZ		CLR	24	20	A3008	SLP187 T02440200 403330194 TSNO	

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 KBID 170235Z AUTO 24015G19KT 10SM CLR 22/18 A3011 RMK AO1=  
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 KBID 161755Z AUTO 24014KT 10SM CLR 27/19 A3012 RMK AO1 10280  
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 KHPN 171445Z 29005KT 7SM SKC 22/19 A3014 RMK SLP207=  
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 KHPN 171245Z 31006KT 7SM SKC 28/20 A3014 RMK SLP207=  
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 KHPN 171045Z 28005KT 6SM HZ SKC 25/19 A3012 RMK SLP200=  
 KHPN 170945Z 29004KT 7SM SCT250 24/19 A3012 RMK SLP200=  
 KHPN 170845Z 27004KT 7SM SKC 25/19 A3011 RMK SLP196=  
 KHPN 170545Z 23008KT 7SM FEW150 27/20 A3011 RMK SLP196=  
 KHPN 170445Z 24007KT 5SM HZ FEW150 27/21 A3010 RMK SLP193=  
 KHPN 170345Z 24005KT 5SM HZ SCT120 28/21 A3010 RMK SLP193=  
 KHPN 170245Z 24005KT 5SM HZ SCT120 27/21 A3010 RMK SLP193=  
 KHPN 170145Z 14003KT 5SM HZ BKN075 BKN150 27/21 A3010 RMK  
 SLP193=  
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 SLP186=  
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 SLP186=  
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 KISP 171350Z 23008KT 7SM SKC 30/20 A3013 RMK SLP207=  
 KISP 171250Z 21010KT 7SM SKC 27/20 A3014 RMK SLP014=

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\*\*\* SRRS PRODUCT RETRIEVAL \*\*\*

FOR

07/16/99 1700 UTC TO 07/16/99 2359 UTC

SXUS8 KBOS 161800

ID	WX	VSB	WIND	WAVE	SEA	AIR	PRES	REMARKS	STATION NAME
N11	C	H	05/W	05/CALM/77/82	/3000/				STA EATONS NECK NY
N34	C	H	06/SSE	04/CALM/--/90	/3008/				GROUP LONG ISLAND SOUND

BT

SXUS8 KBOS 162100

ID	WX	VSB	WIND	WAVE	SEA	AIR	PRES	REMARKS	STATION NAME
N11	C	H	05/S	05/CALM/77/90	/3000/				<u>STA EATONS NECK NY</u> (41:16 72:54)
N34	C	H	06/SW	08/CALM/--/92	/3005/				GROUP LONG ISLAND SOUND

BT

ID	WXVSB	WIND	WAVE	SEA	AIR	BARO	REMARKS	STATION
30B	NO RPT/	/	/	/	/	/		CAPE COD CANAL MA
31B	C H 10/WSW10/		/	/	/ 77	/30.19		CHATHAM MA
32B	WATCH SECURED		/	/	/	/		MENEMSHA
36B	WATCH SECURED		/	/	/	/		PROVINCETOWN
45B	PC 07/INOP	/INOP	/INOP	/INOP	/INOP	/INOP		BRANT PT MA
FERRY	1 NM NORTH OF BY 17/	SEAS 3FT/	VIS 05	NMN				
67B	CL 10/SW 04/		/	/	/ 76	/30.12		CASTLE HILL RI
PJB	C 06/SW 12/		/	/	/ 71	/30.05		POINT JUDITH RI

BT

SXUS8 KBOS 162100Z

ID	WXVSB	WIND	WAVE	SEA	AIR	BARO	REMARKS	STATION
30B	NO RPT/	/	/	/	/	/		CAPE COD CANAL
31B	NO RPT/	/	/	/	/	/		CHATHAM
32B	WATCH SECURED		/	/	/	/		MENEMSHA
36B	WATCH SECURED		/	/	/	/		PROVINCETOWN
45B	CL 08/INOP	/INOP	/INOP	/INOP	/INOP	/INOP		BRANT PT
67B	C 10/SW 05/		/	/	/ 74	/30.08		CASTLE HILL
PJB	CY H 3/SSW10/		/	/	/ 71	/30.06		POINT JUDITH

BT

SXUS8 KBOS 000000

SUBJ: LOCAL WX 162100

ID	WX	VIS/WIND	/WAVE/SEA/AIR/PRES	REMARKS	STATION
34C	PCH	06/SSE09/0104/	/ / 72/3005	NONE	LTSTA BOSTON
37D	C	07/S 07/CALM/UNK/	78/2997	NONE	GLOUCESTER

BT

SXUS8 KBOS 162000

ID	WXVSB/WINDS/WAVE/SEA/AIR/PRES	REMARKS	STATION NAME
20B	CY10 /11 /M /M /M /2998		ROCKLAND
H32	C10 /W10 /M /M /75 /2996		SOUTHWEST HBR
20J	CY07 /CALM /M /M /64 /2996		JONESPORT

BT

VSBY in NMiles —

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\*\*\* SRRS PRODUCT RETRIEVAL \*\*\*

FOR

07/17/99 0000 UTC TO 07/17/99 0200 UTC

SXUS8 KBOS 170000Z

ID	WXVSB	WIND	WAVE	SEA	AIR	BARO	REMARKS	STATION
30B	NRPT	/	/	/	/	/		CAPE COD CANAL
31B	NRPT	/	/	/	/	/		CHATHAM
32B	WATCH	SECURED		/	/	/		MENEMSHA
36B	WATCH	SECURED		/	/	/		PROVINCETOWN
45B	OVC06	/INOP	/INOP	/INOP	/INOP	/INOP		BRANT PT
FERRY	RPT/1NM	N OF	BUOY	17/SEAS	2-3FT	VIS	5NM	
67B	C10	/SWS04/		/	/72	/30.08		CASTLE HILL
PJB	CYH03	/SSW11/		/	/69	/30.02		POINT JUDITH

BT



\*\*\* SRRS PRODUCT RETRIEVAL \*\*\*

FOR

07/16/99 1700 UTC TO 07/16/99 2359 UTC

SXUS08 KFOK 161500

ID	WXVSB	/WINDS/WAVE/SEA/AIR/PRES/REMARKS
49N	CC10	/SW10 / / / 74/3011/GROUP MORICHES NY
48N	CC08	/WSW08/ / / 79/3010/STA MONTAUK NY
40N	CC10	/W10 / / / / /STA SHINNECOCK NY
45N	CC09	/SW12 / / 72/ 69/3010/STA FIRE ISLAND NY
44N	PCH06	/W10 / / 68/ 86/3012/STA JONES BEACH NY

BT

SXUS08 KFOK 161800

ID	WXVSB	/WINDS/WAVE/SEA/AIR/PRES/REMARKS
49N	CH07	/SW16 / / / 75/3010/GROUP MORICHES NY
48N	CC08	/SSW07/ / / 85/3008/STA MONTAUK NY
40N	CC10	/W12 / / / / /STA SHINNECOCK NY
45N	CC09	/SSW08/ / 72/ 71/3009/STA FIRE ISLAND NY
44N	CC06	/WSW06/ / 68/ 87/3010/STA JONES BEACH NY

BT

SXUS8 KBOS 170300Z

1999198 0308

ID	WXVSB	WIND	WAVE	SEA	AIR	BARO	REMARKS	STATION
30B	NRPT	/	/	/	/	/		CAPE COD CANAL
31B	CY10	/SW09	/	/	/72	/30.03		CHATHAM
32B	WATCH	SECURED		/	/	/		MENEMSHA
36B	WATCH	SECURED		/	/	/		PROVINCETOWN
45B	SC06	/INOP	/INOP	/INOP	/INOP	/INOP		BRANT PT
FERRY	RPT/WX:	WSW10-15	SEAS	2-3FT	VIS:06	LIGHT	HAZE	
67B	NRPT	/	/	/	/	/		CASTLE HILL
PJB	CY02	/SW10	/	/	/69	/30.04		POINT JUDITH

BT

\*\*\* SRRS PRODUCT RETRIEVAL \*\*\*

FOR

07/16/99 1700 UTC TO 07/16/99 2359 UTC

SXUS20 KWBC 161700

CMAN 16174

FPSN7 46/// /0109 10258 40225 54000 91700 333 91210 555 11008  
22008 31639 401011 61659 015009 014010 010010 006009 008008 006008=  
BUZM3 46/// /2414 10212 20184 40194 51003 91700 222// 00190 333  
91214 555 11011 22013 31610 423016 61659 243014 241014 240014  
231015 227015 228014=  
DSLN7 46/// /0214 10239 20204 91700 222// 10702 70009 333 91216  
555 11012 22013 31615 401018 61659 013015 012015 014016 016016  
016016 013016=

MDRM1 46/// /2211 10161 20137 40169 52004 91700 333 91212 555  
11010 22011 31657 421013 61659 218011 223010 209009 203008 220008  
246009=

SXUS20 KWBC 161700 RRA

CMAN 16174

MISM1 46/// /2310 10182 20149 40169 52003 91700 333 91211 555  
11009 22010 31635 424013 61659 231010 236010 239011 237011 237010  
245009=

CLKN7 46/// /0510 10260 40224 54000 91700 333 91211 555 11010  
22010 31632 406014 61659 054010 054011 057012 049011 047011 045010=  
SAUF1 46/// /0508 10282 40224 50000 91705 222// 00296 333 91209  
555 11007 22008 31639 405009 61659 049008 049008 045008 047008  
048007 048007 TIDE1436=

IOSN3 46/// /1811 10251 40173 54000 91700 333 91211 555 11010  
22011 31654 418011 61659 175011 173008 180007 180006 180006 183007=  
CHLV2 46/// /1402 10242 40233 58004 91700 222// 00226 10701 70005  
333 91203 555 11002 22002 31651 412003 61659 133003 152002 169001  
188001 196002 190001=

ALSN6 46/// /1816 10230 40206 58005 91700 222// 10401 70005 333  
91216 555 11014 22015=

SXUS20 KWBC 161700 RRB

CMAN 16174

FBIS1 46/// /1112 10262 40232 54000 91700 333 91213 555 11012  
22013 31644 411014 61659 111011 113011 109012 098011 090011 093011=

SXUS20 KWBC 161800

CMAN 16184

FPSN7 46/// /0308 10257 40225 54000 91800 222// 10802 70008 333  
91209 555 11007 22007 31722 402011 61759 025009 016009 020009  
017010 014010 018009=

BUZM3 46/// /2214 10213 20187 40190 58004 91800 222// 00190 10601  
70007 333 91214 555 11011 22013 31740 423015 61759 224014 225014  
226014 229014 233013 241013=

DSLN7 46/// /0216 10242 20207 91800 222// 10702 70008 333 91219  
555 11014 22015 31745 402020 61759 019016 015017 014016 014015  
013015 012014=

SXUS20 KWBC 161800 RRA

CMAN 16184

MDRM1 46/// /2316 10158 20138 40167 54000 91800 333 91217 555  
11015 22016 31759 423017 61759 229015 229014 224013 220013 216012  
225011=

MISM1 46/// /2113 10193 20154 40168 54000 91800 333 91214 555  
11013 22014 31750 420014 61759 212013 213011 198008 228008 219009

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225010=  
SAUF1 46/// /0409 10281 40223 57005 91805 222// 00297 333 91210  
555 11009 22009 31727 406012 61759 048010 044009 051009 050010  
048009 050008 TIDE1324=  
CLKN7 46/// /0613 10259 40222 57004 91800 333 91214 555 11013  
22013 31759 405014 61759 052012 053010 056010 056010 054010 052010=  
IOSN3 46/// /1611 10259 40167 58008 91800 333 91212 555 11011  
22011 31757 416015 61759 160011 160011 164011 170011 173010 176010=  
CHLV2 46/// /1003 10241 40232 50000 91800 222// 00223 10701 70006  
333 91204 555 11002 22003 31738 411005 61759 103003 107003 109003  
116003 111003 136002=  
ALSN6 46/// /1816 10232 40203 57010 91800 222// 10401 70005 333  
91217 555 11014 22015=  
SXUS20 KWBC 161800 RRB  
CMAN 16184  
FBIS1 46/// /1210 10266 40229 50000 91800 333 91212 555 11010  
22011 31728 412015 61759 117010 122010 116012 118012 115011 116011=  
SXUS20 KWBC 161900  
CMAN 16194  
FPSN7 46/// /0407 10258 40223 54000 91900 333 91208 555 11006  
22006 31807 403010 61859 040007 039007 035007 035007 044008 031009=  
~~BUZM3~~ 46/// /2217 10212 20189 40186 58007 91900 222// 00195 10502  
70008 333 91218 555 11015 22017 31854 421019 61859 215017 217016  
216017 219016 223015 225015=  
DSLN7 46/// /0417 10243 20213 91900 222// 10602 70009 333 91219  
555 11015 22016 31852 404020 61859 033017 031018 026016 023017  
021017 020016=  
MDRM1 46/// /2214 10164 20143 40163 58004 91900 333 91215 555  
11013 22014 31805 423017 61859 218015 217014 222015 224015 225014  
233015=  
SXUS20 KWBC 161900 RRA  
CMAN 16194  
MISM1 46/// /2116 10205 20166 40161 58008 91900 333 91217 555  
11015 22016 31859 421017 61859 208015 211013 210013 211014 211014  
214014=  
CLKN7 46/// /0613 10262 40222 57004 91900 333 91214 555 11013  
22013 31844 407016 61859 068013 069014 067014 062014 060013 058013=  
SAUF1 46/// /0611 10285 40221 57005 91905 222// 00298 333 91212  
555 11011 22011 31837 406013 61859 057011 060011 050011 049010  
047010 046009 TIDE1217=  
IOSN3 46/// /1717 10241 40165 57008 91900 333 91219 555 11016  
22018 31856 417019 61859 169017 169017 166017 168016 164015 163014=  
CHLV2 46/// /1405 10241 40226 58011 91900 222// 00223 333 91205  
555 11003 22004 31824 407006 61859 127004 128004 089003 068004  
082003 088003=  
ALSN6 46/// /1824 10240 40199 57011 91900 333 91224 555 11021  
22022=  
SXUS20 KWBC 161900 RRB  
CMAN 16194  
FBIS1 46/// /1602 10260 40239 53009 91900 333 91203 555 11002  
22002 31800 411012 61859 178002 183003 149005 126006 120006 114009=  
SXUS20 KWBC 162000  
CMAN 16204  
FPSN7 46/// /0605 10262 40221 57004 92000 222// 10701 70007 333  
91206 555 11005 22005 31909 404009 61959 060005 052005 048005  
045007 037007 038007=  
~~BUZM3~~ 46/// /2219 10211 20193 40186 56008 92000 222// 00194 10601  
70007 333 91221 555 11017 22018 31918 422021 61959 216019 218019

17(2)

219019 218019 216018 218017=  
DSL7 46/// /0612 10250 20221 92000 222// 10602 70008 333 91214  
555 11011 22011 31913 404020 61959 062012 055013 047014 041015  
040017 040017=  
SXUS20 KWBC 162000 RRA  
CMAN 16204  
MDRM1 46/// /2117 10167 20147 40161 57008 92000 333 91217 555  
11016 22017 31959 422017 61959 211016 211015 215016 215014 215014  
221014=  
MISM1 46/// /2018 10196 20166 40160 57009 92000 333 91219 555  
11017 22018 31954 421020 61959 197018 207017 208018 207018 205017  
207016=  
CLKN7 46/// /0711 10260 40220 57004 92000 333 91213 555 11011  
22012 31907 406015 61959 066012 069012 075012 067013 064013 062014=  
SAUF1 46/// /0513 10291 40217 58007 92005 222// 00299 333 91215  
555 11012 22013 31941 406015 61959 066012 064013 065012 063012  
061012 054011 TIDE1126=  
IOSN3 46/// /1718 10263 40161 56012 92000 333 91219 555 11017  
22018 31915 417019 61959 169018 168018 173017 172018 170018 168017=  
CHLV2 46/// /1307 10237 40225 57008 92000 222// 00224 10801 70006  
333 91207 555 11005 22006 31953 413008 61959 128007 121006 125004  
138004 128004 125004=  
ALSN6 46/// /1826 10249 40191 58015 92000 222// 10301 70006 333  
91227 555 11022 22024=  
SXUS20 KWBC 162000 RRB  
CMAN 16204  
FBIS1 46/// /1806 10258 40231 50000 92000 333 91207 555 11006  
22006 31956 416008 61959 166007 168005 187004 192004 177004 163004=  
SXUS20 KWBC 162100  
CMAN 16214  
FPSN7 46/// /0804 10264 40221 57004 92100 222// 10801 70007 333  
91205 555 11004 22004 32011 407007 62059 081004 075004 070004  
066005 070005 063005=  
BUZM3 46/// /2219 10220 20190 40184 56006 92100 222// 00192 10502  
70008 333 91220 555 11016 22018 32052 422021 62059 221019 223018  
224018 222019 221018 221018=  
SXUS20 KWBC 162100 RRA  
CMAN 16214  
DSL7 46/// /1006 10257 20213 92100 222// 10702 70009 333 91208  
555 11006 22006 32001 406014 62059 087007 077007 075009 075011  
072011 065011=  
MDRM1 46/// /2117 10168 20151 40161 56006 92100 333 91218 555  
11016 22017 32025 421020 62059 211017 212018 212019 211019 210017  
210016=  
MISM1 46/// /2020 10190 20163 40155 56013 92100 333 91220 555  
11019 22020 32037 420021 62059 195019 198019 199019 202020 200020  
196019=  
CLKN7 46/// /0812 10260 40220 54000 92100 333 91213 555 11012  
22013 32038 407014 62059 075012 074012 071011 071012 071012 073013=  
SAUF1 46/// /0812 10290 40213 58010 92105 222// 00301 333 91213  
555 11012 22012 32104 405015 62059 070012 070012 062013 062012  
049013 056013 TIDE1063=  
IOSN3 46/// /1821 10243 40160 57007 92100 333 91222 555 11020  
22021 32056 418023 62059 176021 175019 170018 170017 172018 168017=  
CHLV2 46/// /1411 10234 40225 56007 92100 222// 00228 333 91211  
555 11008 22009 32048 414013 62059 141011 136011 131010 139009  
132006 134006=  
SXUS20 KWBC 162100 RRB

18 (3)

# C-MAN Data

CMAN 16214

ALSN6 46/// /1827 10244 40189 56014 92100 222// 10402 70008 333  
91229 555 11024 22025=  
FBIS1 46/// /3103 10251 40221 58008 92100 333 91204 555 11003  
22003 32001 420007 62059 313004 300003 270004 241004 260003 223005=  
SXUS20 KWBC 162200

CMAN 16224

FPSN7 46/// /0807 10266 40213 58010 92200 222// 10801 70006 333  
91207 555 11006 22006 32155 408009 62159 076007 076007 083006  
084005 084005 080003=

BUZM3 46/// /2219 10217 20194 40183 57003 92200 222// 00196 10502  
70008 333 91220 555 11017 22018 32125 423023 62159 225019 225020  
226021 227021 225020 220019=

DSL7 46/// /1506 10261 20222 92200 222// 10802 70008 333 91207  
555 11005 22006 32116 413010 62159 149006 147006 144007 140007  
121008 100006=

MDRM1 46/// /2117 10170 20153 40157 58006 92200 333 91217 555  
11016 22017 32126 422019 62159 215017 217016 217017 214018 211016  
213017=

MISM1 46/// /1920 10184 20166 40154 57007 92200 333 91220 555  
11019 22020 32138 420021 62159 193020 195020 195020 193019 193019  
196019=

SXUS20 KWBC 162200 RRA

CMAN 16224

CLKN7 46/// /0911 10256 40215 58007 92200 333 91212 555 11011  
22012 32112 408015 62159 088011 087011 089012 082012 080012 078013=  
SAUF1 46/// /0913 10289 40209 57012 92205 222// 00302 333 91213  
555 11012 22013 32157 408015 62159 087013 087012 086012 080011  
080012 077012 TIDE1054=

IOSN3 46/// /1820 10234 40157 56008 92200 333 91221 555 11019  
22020 32136 418024 62159 184020 182021 180022 180020 178020 177021=  
CHLV2 46/// /1412 10233 40221 58005 92200 222// 00229 10701 70004  
333 91212 555 11010 22010 32139 414013 62159 137011 140012 140011  
141011 139010 142011=

ALSN6 46/// /1928 10240 40186 56013 92200 222// 10402 70010 333  
91229 555 11024 22026=  
SXUS20 KWBC 162200 RRB

CMAN 16224

FBIS1 46/// /3403 10251 40218 56021 92200 333 91205 555 11003  
22004 32150 433006 62159 335003 349003 340002 276001 038001 356002=  
SXUS20 KWBC 162300

CMAN 16234

FPSN7 ~~46///~~ /0907 10266 40213 57008 92300 222// 10701 70005 333  
91208 555 11006 22007 32257 409008 62259 089007 079006 078006  
078006 076006 080006= *light peak wind gust*

BUZM3 46/// /2320 10218 20198 40184 54000 92300 222// 00189 10502  
70009 333 91221 555 11017 22019 32244 423023 62259 226020 227020  
227019 226019 226019 226019=

DSL7 46/// /1708 10262 20222 92300 222// 10702 70008 333 91208  
555 11007 22007 32252 417010 62259 170008 166008 158008 154008  
149007 155006=

MDRM1 46/// /2117 10169 20153 40157 57004 92300 333 91218 555  
11016 22017 32223 421018 62259 208017 205015 201015 209017 211017  
211017=

SXUS20 KWBC 162300 RRA

CMAN 16234

MISM1 46/// /1918 10177 20162 40153 56007 92300 333 91219 555  
11018 22019 32234 419020 62259 192018 193018 193019 190018 192019

19 (4)

194019=  
CLKN7 46/// /1009 10258 40213 57007 92300 333 91210 555 11009  
22010 32246 411013 62259 104010 105011 111010 096011 094011 091011=  
SAUF1 46/// /0910 10289 40208 56009 92305 222// 00301 333 91212  
555 11009 22010 32213 409015 62259 090009 090010 091010 095011  
090013 088013 TIDE1115=  
IOSN3 46/// /1817 10250 40156 57005 92300 333 91217 555 11016  
22017 32201 418023 62259 184017 186017 187017 186017 186018 185020=  
CHLV2 46/// /1410 10231 40222 57003 92300 222// 00233 10801 70004  
333 91210 555 11009 22009 32202 414013 62259 142009 142010 140010  
142011 138010 140011=  
ALSN6 46/// /1929 10240 40184 57007 92300 222// 10502 70011 333  
91230 555 11025 22027=  
SXUS20 KWBC 162300 RRB  
CMAN 16234  
FBIS1 46/// /3002 10251 40216 56015 92300 333 91203 555 11002  
22002 32201 434005 62259 315003 293003 277002 312002 323003 336004=

\*\*\* SRRS PRODUCT RETRIEVAL \*\*\*

FOR

07/17/99 0000 UTC TO 07/17/99 0200 UTC

SXUS20 KWBC 170000

CMAN 17004

FPSN7 46/// /0906 10264 40214 56007 90000 222// 10801 70007 333  
91206 555 11005 22005 32353 410008 62359 095006 094006 090007  
091006 090006 084007=

BUZM3 46/// /2319 10213 20196 40185 54000 90000 222// 00188 333

91220 555 11017 22018 32341 423023 62359 234020 234021 233019  
232018 229019 227020=

SXUS20 KWBC 170000 RRA

CMAN 17004

DSL7 46/// /1910 10265 20223 90000 222// 10701 70007 333 91211  
555 11008 22009 32338 419012 62359 186010 191010 187010 184008  
176008 174008=

MDRM1 46/// /1914 10165 20149 40155 56006 90000 333 91215 555  
11013 22014 32301 421019 62359 194015 198017 196017 201017 203017  
206018=

MISM1 46/// /2021 10179 20166 40150 58005 90000 333 91222 555  
11020 22022 32359 420022 62359 196020 194019 195020 192020 193019  
193019=

CLKN7 46/// /1107 10254 40216 55004 90000 333 91208 555 11007  
22008 32305 411011 62359 107007 108007 110008 098010 099009 106009=

SAUF1 46/// /1109 10275 40209 56004 90005 222// 00301 333 91210  
555 11009 22009 30004 409012 62359 103009 102009 102009 099009  
101010 093010 TIDE1227=

IOSN3 46/// /1918 10242 40155 56005 90000 333 91218 555 11017  
22018 32354 419019 62359 187018 185017 183017 185017 183017 183017=

CHLV2 46/// /1512 10230 40219 56006 90000 222// 00229 10701 70006  
333 91212 555 11010 22011 32357 415012 62359 146011 143011 144010  
138009 145010 142010=

ALSN6 46/// /2029 10247 40187 55000 90000 222// 10502 70012 333  
91230 555 11025 22027=

SXUS20 KWBC 170000 RRB

CMAN 17004

FBIS1 46/// /3302 10249 40214 56007 90000 333 91203 555 11002  
22002 32340 428004 62359 331002 305002 282002 320002 305002 308003=

SXUS20 KWBC 170100

CMAN 17014

FPSN7 46/// /1005 10264 40214 54000 90100 222// 10701 70005 333  
91206 555 11005 22005 30033 410007 60059 100006 106005 104005  
095005 094005 094005=

BUZM3 46/// /2418 10214 20192 40187 52004 90100 222// 00188 10502  
70008 333 91219 555 11016 22017 30035 423021 60059 234019 233019  
233019 232019 233019 234020=

DSL7 46/// /1911 10269 20218 90100 333 91213 555 11010 22011  
30037 419014 60059 186011 187012 182012 180011 188010 188010=

SXUS20 KWBC 170100 RRA

CMAN 17014

MDRM1 46/// /2117 10166 20150 40157 54000 90100 333 91218 555  
11016 22017 30046 421018 60059 207017 211017 210016 208016 205016  
195014=

MISM1 46/// /2021 10182 20168 40150 57004 90100 333 91221 555  
11020 22021 30000 420022 60059 199020 198020 197020 197020 197021



200021=

CLKN7 46/// /1204 10255 40217 54000 90100 333 91205 555 11004  
22004 30018 410008 60059 118005 115006 109006 102006 102006 107007=  
SAUF1 46/// /1210 10273 40209 54000 90105 222// 00300 333 91212  
555 11010 22010 30057 412014 60059 112011 102011 101011 105010  
108010 105010 TIDE1351=  
IOSN3 46/// /2117 10247 40153 57004 90100 333 91218 555 11016  
22017 30015 420020 60059 203018 202017 198018 196018 194019 191018=  
CHLV2 46/// /1609 10229 40221 54000 90100 222// 00227 10701 70004  
333 91209 555 11008 22008 30000 415012 60059 157010 162009 161010  
159011 156011 151011=  
ALSN6 46/// /2029 10248 40190 53004 90100 222// 10502 70011 333  
91230 555 11025 22027=  
SXUS20 KWBC 170100 RRB  
CMAN 17014  
FBIS1 46/// /3403 10245 40216 54000 90100 333 91204 555 11003  
22003 30015 434004 60059 342003 337002 319002 315002 348003 337003=

SXUS20 KWBC 170200

1999198 0213

CMAN 17024

FPSN7 46/// /1207 10265 40217 53004 90200 222// 10801 70005 333

91207 555 11006 22006 30148 412010 60159 112007 112008 109007

103007 108006 100005=

BUZM3 46/// /2420 10217 20190 40191 53007 90200 222// 00188 10502

70008 333 91221 555 11017 22019 30125 424022 60159 236020 235019

237020 238020 233018 234018=

DSL7 46/// /1912 10269 20220 90200 333 91213 555 11010 22011

30123 419015 60159 191012 198011 199012 196013 190013 191012=

MDRM1 46/// /2016 10166 20147 40157 54000 90200 333 91216 555

11014 22015 30148 420019 60159 201016 203018 203017 204018 202018

204018=