

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

**PLANNING, RULE DEVELOPMENT, AND AREA SOURCES**



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**APPENDIX**  
to the  
**ANALYSIS OF NATURAL EVENTS**  
**CONTRIBUTING TO HIGH PM<sub>10</sub> CONCENTRATIONS**  
**IN THE COACHELLA VALLEY IN 2007**

**SUPPORTING DOCUMENTS**  
for  
**March 22, 2007**

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## **A SUPPORTING DOCUMENTS**

This Appendix to the document entitled *Analysis of Natural Events Contributing to High PM<sub>10</sub> Concentrations in the Coachella Valley in 2007* provides supporting information for the March 22, 2007 high wind natural event, including:

- Surface Weather Observations (Tables A-1 through A-10);
- California Highway Patrol (CHP) Weather Logs
- Newspaper Articles;
- National Weather Service (NWS) Short Term Forecasts (Now-Casts) from the San Diego and Phoenix Forecast Offices;
- NWS Forecast Discussions from the San Diego, Los Angeles and Phoenix Forecast Offices;
- Flash Flood Warnings issued by the NWS Phoenix Forecast Office; and
- A full sequence of Infrared Satellite Images, showing the progression of convective activity (Figures A-1 through A-29).

## A.1 Surface Weather Observations

**TABLE A-1**

**Hourly Wind Directions (degrees), Wind Speeds (mph) and Maximum 1-Minute Average Speed for each Hour (mph) for AQMD Air Quality Monitoring Stations in the Coachella Valley and San Gorgonio Pass on March 22, 2007**

*(Note: the Indio data logger did not record winds after 1400 PST on March 22, the values shown in italics were recovered from snapshots of instantaneous winds recorded each minute by the Chessell electronic strip chart recorder)*

DATE	HOUR (PST)	Banning Airport Monitoring Station (BNAP)			Palm Springs Monitoring Station (PLSP)			Indio Monitoring Station (INDI)		
		WD (deg)	WS (mph)	Maximum 1-Minute Avg. (mph)	WD (deg)	WS (mph)	Maximum 1-Minute Avg. (mph)	WD (deg)	WS (mph)	Maximum 1-Minute Avg. (mph)
3/21/07	2100	269	7	10	336	8	13	326	5	8
	2200	246	6	9	329	7	10	306	7	11
	2300	259	9	14	333	6	9	325	8	11
3/22/07	0000	280	10	13	329	5	7	325	7	9
	0100	288	9	12	329	5	8	311	6	8
	0200	281	8	10	322	4	6	305	6	8
	0300	266	8	11	321	3	6	304	6	8
	0400	254	6	10	318	3	6	306	6	8
	0500	254	6	9	345	3	5	300	5	7
	0600	255	8	11	309	2	5	298	5	7
	0700	269	8	12	293	2	8	291	5	8
	0800	253	11	20	213	3	7	301	6	9
	0900	115	21	32	48	5	8	296	6	10
	1000	108	25	32	36	3	7	283	4	7
	1100	105	23	31	27	3	8	249	5	10
	1200	95	18	26	77	3	7	123	6	13
	1300	113	17	27	120	4	7	59	7	13
	1400	95	17	23	195	4	11	44	12	24
	1500	60	17	25	55	6	12	104	7	21
	1600	107	19	33	87	3	8	141	5	15
	1700	89	22	33	202	4	9	206	7	14
	1800	86	22	28	158	2	4	185	10	16
	1900	90	16	21	141	5	8	149	6	11
	2000	94	20	29	137	3	7	124	5	10
	2100	105	13	19	195	2	4	338	2	3
	2200	140	7	9	282	0	2	76	2	6
	2300	124	5	9	297	0	1	94	2	6
3/23/07	0000	86	5	10	168	0	2	228	3	5

**TABLE A-2**

**Hourly Wind Directions (degrees) and Speeds with Peak Gusts (mph) for the AQMD  
Coachella Valley Meteorological Network Stations on March 22, 2007**

DATE	HOUR (PST)	Whitewater Wash Blowsand Site (WWW)			Desert Hot Springs Wind Station (DHS)			Palm Desert Wind Station (PDT)		
		WD (deg)	WS (mph)	Gust (mph)	WD (deg)	WS (mph)	Gust (mph)	WD (deg)	WS (mph)	Gust (mph)
3/21/07	2100	307	21	<b>33</b>	290	5	18	316	11	29
	2200	303	19	<b>28</b>	283	6	18	317	7	16
	2300	302	16	24	331	3	8	315	10	21
3/22/07	0000	307	13	21	231	3	8	314	10	19
	0100	330	9	16	94	3	9	311	9	18
	0200	356	6	11	110	3	8	305	8	18
	0300	354	7	11	6	4	11	299	7	15
	0400	339	7	11	14	6	20	269	6	12
	0500	330	9	16	19	14	<b>28</b>	257	6	13
	0600	311	6	18	20	16	<b>28</b>	279	6	13
	0700	349	6	14	24	17	<b>34</b>	284	4	13
	0800	360	8	21	24	15	<b>30</b>	273	5	12
	0900	28	11	21	43	12	<b>26</b>	14	6	14
	1000	31	7	16	42	12	<b>28</b>	12	5	14
	1100	46	9	20	48	9	22	168	4	12
	1200	73	7	22	41	13	<b>31</b>	136	4	14
	1300	161	5	13	44	13	<b>25</b>	201	4	10
	1400	25	11	<b>29</b>	36	15	<b>28</b>	3	6	21
	1500	36	13	<b>26</b>	32	11	<b>29</b>	63	9	24
	1600	85	9	20	113	5	16	179	7	14
	1700	108	10	21	55	8	<b>28</b>	153	4	14
	1800	119	8	17	19	6	11	177	8	18
	1900	108	13	24	119	10	20	100	6	15
	2000	114	10	16	116	6	12	93	6	13
	2100	162	5	12	157	5	12	48	3	7
	2200	3	5	7	347	4	6	14	2	5
	2300	266	3	6	359	3	5	179	2	5
3/23/07	0000	108	4	6	254	2	7	238	2	4

**TABLE A-3**

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Relative Humidities (%), Weather Conditions and Observer Remarks for the National Weather Service Palm Springs Airport Station on Thursday, March 22, 2007**

*HZ = Haze, BLDU = Blowing Dust, BLSA = Blowing Sand, WSHFT = Wind Shift followed by time in UTC, PK WND = Peak Wind since last hour (direction & speed in knots/time in UTC), LTG = Lightning, TS = Thunderstorm, RA = Rain, + = Heavy, - = Light, SH = Shower, CB = Cumulonimbus Clouds, SQ = Squalls, B = Begin time, E = End time, P = Precipitation amount since last observation in hundredths of inches (P0000 = Trace)*

Palm Springs Airport (PSP)								
DATE	HOURL (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Relative Humidity (%)	Weather	Remarks
3/21/07	2053	330	16		10	47		
	2153	310	11		10	48		
	2253	300	7		10	46		
	2353	VRB	5		10	50		
3/22/07	53	310	6		10	54		
	153	20	3		10	58		
	253	360	8		10	60		
	353	340	6		10	62		
	453	CALM	CALM		10	60		
	553	320	8		10	38		
	653	290	10		10	31		
	753	40	6		10	28		
	853	350	7		10	22		
	953	10	13		10	20		
	1053	VRB	5	16	10	19		
	1153	10	7		10	19		
	1253	VRB	5		10	20		
	1353	140	6		10	20		
	1453	20	10		10	21		
	1553	80	11		10	29		WSHFT 2338
	1653	VRB	3		10	41		RAB2354E13 P0001
	1744	110	11		10	29		PK WND 11026/0128 WSHFT 0124
	1753	100	14		10	32		PK WND 11026/0128 WSHFT 0124
	1853	150	7		10	38		
	1953	80	11		10	57		
	2053	110	8		10	56		
	2153	80	3		10	60		
	2253	330	7		10	60		
	2353	CALM	CALM		10	65		



TABLE A-4

Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Temperature (°F), Relative Humidity (%), Weather Conditions and Observer Remarks for the National Weather Service Thermal Airport Station on Thursday, March 22, 2007

Thermal Airport (TRM)									
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Temp (°F)	Relative Humidity (%)	Weather	Remarks
3/21/07	2052	320	9		10	65	45		
	2152	330	10		10	63	48		
	2252	360	6		10	62	50		
	2352	350	9		10	61	52		
3/22/07	52	360	7		10	60	54		
	152	10	7		10	59	56		
	252	10	5		10	56	60		
	352	30	7		10	57	57		
	452	10	6		10	55	62		
	552	340	3		10	56	53		
	652	360	6		10	60	48		
	752	300	11		10	73	27		
	852	310	10		10	75	23		
	952	300	14	20	10	78	21		
	1052	VRB	7		10	80	19		
	1152	100	9		10	80	20		
	1252	80	8		10	82	21		
	1352	50	10	21	10	83	21		
	1452	80	21	43	2.5	78	28	HZ	PK WND 08037/2250 PRESRR
	1506	80	13	28	9	75	32	-RA	PK WND 06026/2254 RAB2257 P0000
	1552	210	8		10	75	33		PK WND 06026/2254 RAB2257E09 P0000
	1652	130	7		10	74	33		
	1722	50	18	34	6	70	46	-RA	PK WND 05030/0114 WSHFT 0102 RAB15 P0000
	1752	190	15	25	10	69	49		PK WND 05030/0114 WSHFT 0102 RAB15E52 P0000
	1810	190	18	32	10	66	61	-RA	PK WND 19028/0205 WSHFT 0150 RAB0159 P0000
	1852	170	9	17	10	63	68	-RA	PK WND 19028/0205 WSHFT 0150 RAB0159 P0000
	1952	120	9		10	62	67		RAE0257 P0000
	2052	70	3		10	61	70		
	2152	300	6		10	58	72		
	2252	80	3		10	58	72		
	2352	200	5		10	58	75		

TABLE A-5

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Relative Humidities (%), Weather Conditions and Observer Remarks for the National Weather Service Blythe Airport Station on Thursday, March 22, 2007**

Blythe Airport (BLH)								
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Relative Humidity (%)	Weather	Remarks
3/21/07	2053	330	7		10	29		
	2153	290	6		10	29		
	2253	CALM	CALM		10	29		
	2353	270	6		10	34		
3/22/07	53	CALM	CALM		10	33		
	153	310	5		10	36		
	253	VRB	3		10	36		
	353	230	5		10	36		
	453	CALM	CALM		10	39		
	553	340	6		10	45		
	653	340	13		10	43		
	753	350	11		10	35		
	853	50	8		10	27		
	953	60	14	22	10	29		
	1053	30	13	21	10	30		
	1118	50	11		10	30	VCTS	LTG DSNT E TSB12
	1133	50	16		10	34		LTG DSNT N TSB12E27
	1150	50	18	24	10	34	VCTS	LTG DSNT N AND NE TSB12E27B44RAB36E47 P0000
	1153	50	22	26	10	50	VCTS	LTG DSNT N AND NE TSB12E27B44RAB36E47 SLP080 P0000
	1200	40	31	43	7	53	VCTS	PK WND 04037/1957 LTG DSNT N AND NE TSE1959B00
	1251	340	13		10	61		PK WND 04037/1957 LTG DSNT W AND NW TSE1959B00E51 FIBI
	1253	340	13		10	41	VCTS	PK WND 04037/1957 LTG DSNT W AND NW TSE1959B00E51B53
	1259	340	15		10	41	VCTS	LTG DSNT W AND NW TSE58B59
	1327	340	13		10	41		LTG DSNT SE-W TSE2058B2059E21
	1334	340	13		10	44	VCTS	LTG DSNT SE-W TSE2058B2059E21B28
	1349	320	13		10	44		LTG DSNT SE AND SW TSE2058B2059E21B28E43
	1353	330	11		10	48		LTG DSNT E-SW TSE2058B2059E21B28E43
	1437	110	11		10	46	VCTS	LTG DSNT ALQDS TSB31RAB21E30 PRESRR P0000
	1453	120	22	34	8	50	-TSRA	PK WND 14030/2252 LTG DSNT ALQDS TSB31RAB21E30B47 PRESRR P0000
	1459	120	13	34	4	66	+TSRA	LTG DSNT W-NE TSE58B59 P0004
	1521	80	15	23	7	73	RA	LTG DSNT ALQDS TSE2258B2259E17 P0010
	1529	70	15		10	78	-RA	LTG DSNT ALQDS TSE2258B2259E17 P0011
	1553	50	14		7	78	-RA	LTG DSNT ALQDS TSE2258B2259E17 P0012
	1653	10	6		10	81	-RA	PK WND 06026/0002 P0002
	1753	30	10		10	84	-RA	P0003
	1853	100	9		10	78		RAE10 P0000
	1953	130	11		10	81		
	2053	130	15	26	10	70		PK WND 12028/0432
	2153	160	5		10	60		
	2253	70	7		10	67	-RA	RAB27 P0001
	2353	190	5		10	75	-RA	P0003

TABLE A-6

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Relative Humidities (%), Weather Conditions and Observer Remarks for the National Weather Service Needles Airport Station on Thursday, March 22, 2007**

Needles Airport (EED)								
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Relative Humidity (%)	Weather	Remarks
3/21/07	2056	290	7		10	26		
	2156	340	5		10	28		
	2256	200	5		10	29		
	2356	240	6		10	31		
3/22/07	56	270	3		10	33		
	156	310	5		10	32		
	256	320	6		10	35		
	356	340	6		10	37		
	456	360	7		10	38		
	556	360	8		10	41		
	656	360	8		10	36		
	756	30	16		10	32		
	856	20	18		10	28		
	956	10	16		10	27		RAB23E33 P0000
	1056	20	15	23	10	23		
	1156	50	9		10	24		
	1256	110	14	<b>29</b>	<b>5</b>	51	RA	<b>PK WND</b> 13032/2036 RAB41 P0003
	1356	30	9		10	34		RAE11 P0001
	1456	30	13		10	37		
	1556	360	7		10	34		
	1656	CALM	CALM		10	30		
	1756	160	14		10	39		
	1856	150	7		10	42		
	1956	220	7		10	56		
	2056	250	13		10	56		
	2156	220	7		10	58		
	2256	220	3		10	60		
	2356	CALM	CALM		10	65		

**TABLE A-7**

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Weather Conditions and Observer Remarks for the National Weather Service Twentynine Palms Station on Thursday, March 22, 2007**

Twentynine Palms (NXP)							
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Weather	Remarks
3/21/07	2055	290	9		7		
	2155	320	7		7		
	2255	320	9		7		
	2355	300	13		7		
3/22/07	55	300	11		7		
	155	290	10		7		
	255	310	11		7		
	355	340	13		7		
	455	300	9	20	7		
	555	280	15		7		
	655	CALM	CALM		7		
	755	330	11		7		
	855	10	13	21	7		
	955	20	9	22	7		
	1055	60	9	21	7		
	1155	20	14	18	7		
	1255	30	9	22	7		
	1355	20	10	22	7		
	1455	80	17		7	-SHRA	
	1555	40	7		7		
	1655	20	13		7		
	1755	80	9		7		
	1855	140	11		7		
	1955	90	7		7		
	2055	150	7		7		
	2155	CALM	CALM		7		
	2255	CALM	CALM		7		

**TABLE A-8**

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Weather Conditions and Observer Remarks for the National Weather Service Imperial Airport Station on Thursday, March 22, 2007**

Imperial (IPL)							
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Weather	Remarks
3/21/07	2053	240	9		10		
	2153	240	9		10		
	2253	240	7		10		
	2353	260	7		10		
3/22/07	0053	270	6		10		
	0153	270	8		10		
	0253	270	6		10		
	0353	270	5		10		
	0453	270	5		10		
	0553	0	0		10		
	0653	0	0		10		
	0753	0	0		10		
	0853	310	3		10		
	0953	360	6		10		
	1053	30	8		10		
	1153	80	11		10		
	1253	VR	5		10		
	1353	110	7		10		
	1453	140	21	24	10		LTG DSNT N AND NW
	1553	140	23		10		PK WND 14026/2322 LTG DSNT NE
	1653	140	10		10		
	1753	40	10		8	-RA	RAB10 P0000
	1853	20	9		10		RAE33 P0000
	1953	60	6		10		RAB0257E07 P0000
	2053	90	7		10		
	2153	110	10		10		
	2253	120	13		10		
	2353	110	5		10		

**TABLE A-9**

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Weather Conditions and Observer Remarks for the El Centro NAF Station on Thursday, March 22, 2007**

El Centro NAF (NJK)							
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Weather	Remarks
3/21/07	2056	240	9		10		
	2156	240	8		10		
	2256	250	7		10		
	2356	260	7		10		
3/22/07	56	290	8		10		
	156	280	8		10		
	256	280	8		10		
	356	270	6		10		
	456	230	5		10		
	556	280	5		10		
	656	310	3		10		
	756	340	7		10		
	856	360	8		10		
	956	30	8		10		P0011
	1056	60	13		10		
	1156	40	9	17	10		
	1256	VRB	7	18	10		
	1356	50	8	18	10		
	1456	130	14		10		CB DSNT N/S
	1556	150	16		10		PK WND 15027/2323
	1656	140	9		10	-RA	RAB52 P0000
	1756	80	9		10	-RA	P0001
	1856	40	10		10		RAE30 P0000
	1956	50	6		10		
	2056	70	7		10		
	2156	100	14		10		
	2256	100	9		10		
	2356	CALM	CALM		10		

**TABLE A-10**

**Hourly Wind Directions (degrees), Wind Speeds (mph), Wind Gusts (mph) when reported, Visibilities (statute miles), Weather Conditions and Observer Remarks for the National Weather Service Campo Station on Thursday, March 22, 2007**  
(M = Missing; SQ = Squall)

Campo (CZZ)							
DATE	HOUR (PST)	WD (deg)	WS (mph)	Gust (mph)	VIS (miles)	Weather	Remarks
3/21/07	2052	CALM	CALM		M		
	2152	50	3		M		
	2252	60	5		M		
	2352	CALM	CALM		M		
3/22/07	52	50	3		M		
	152	40	6		M		
	252	60	6		M		
	352	CALM	CALM		M		
	452	50	6		M		
	552	CALM	CALM		M		
	652	CALM	CALM		M		
	752	CALM	CALM		M		
	852	40	16	25	M		
	952	60	17		M		
	1052	50	17	25	M		PK WND 06026/1818
	1152	50	18	30	M		PK WND 05026/1948
	1252	40	17	26	M		PK WND 03026/2002
	1352	40	17	29	M		
	1452	70	11	20	M		PK WND 06027/2225
	1552	50	17	23	M		PK WND 04029/2316
	1605	30	29	47	M	<b>SQ</b>	PK WND 06041/0002
	1617	360	15	34	M		PK WND 06041/0002 WSHFT 0000
	1652	20	21	28	M		PK WND 06041/0002 WSHFT 0000
	1752	40	13	21	M		
	1852	60	17	<b>26</b>	M		P0002
	1952	50	15	<b>25</b>	M		P0002
	2052	40	13	18	M		
	2152	60	11	20	M		
	2252	50	13		M		
	2352	50	11		M		

## A.2 California Highway Patrol Weather Logs

Note: Times shown are local time, i.e., PDT instead of PST

Journal Report		Page 1 of 1			
<b>California Highway Patrol - Centralized Cad Journaling System</b>					
Completed Incident Search					
<a href="#">Back</a>					
Log: 1119	PRI: P4	Type: 1013	CB: Beat: 76-2C		
LOC: INDIO		CS: INDO	RICO		
ORI: 070 A13594 03/22/2007		DISP: 070A13594	x		
ORI Action:	Filed: S	R/S: DUP: 1130	CBT: Z: Y		
DETAIL					
Pos	ID #	Time	Line # Detail		
070	A13594	15:52:01	1 STRONG WINDS OO EAST .D/2:86S HAS LOTS OF DUST.L/INDIO		
071	A13623	16:00:11	3 HEAVY RAIN/WIND ON I10 FROM MILE MARKER 135 TO MILE MARKER 145		
071	A13623	16:00:11	4 LIMITED VISIBILITY		
071	A13623	16:01:52	5 DUPLICATE OF INCIDENT 1130D0322		
WITNESS					
Pos	ID #	Time	Name Phone Phone Address		
070	A13594	15:52:01	3-H60		
COMPREHENSIVE DETAIL					
Pos	ID #	Time	Detail		
070	A13594	15:52:01	[ SELF ] .W/3-H60.T/1013.D/1:STRONG WINDS OO EAST .D/2:86S HAS LOTS OF DUST.L/INDIO[P/4][ Z/Y][.DSP/070A13594][GEO.GL/INDIO.TBM/ 5470 1G.XY/6571998:2205573.CITY/INDO.CNTY/RICO.B/76-2C][.IST/1119D0322,P]		
071	A13623	16:00:11	.UI.D/3:HEAVY RAIN/WIND ON I10 FROM MILE MARKER 135 TO MILE MARKER 145.D/4:LIMITED VISIBILITY.R/N		
071	A13623	16:01:52	.UI.1119.K/1130.F/S[.K/1130D0322][.D/5:DUPLICATE OF INCIDENT 1130D0322][.IST/1119D0322,F]		
		04:14:29	..IPD/032307 .IPT/041429[.IST/1119D0322, ]		
<a href="#">Back</a>					
http://cadjournal.chp.ca.gov/compinc.asp?report=CRS&reports=CRS&Message=Your+rep... 4/13/2009					



Journal Report

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## California Highway Patrol - Centralized Cad Journaling System

## Completed Incident Search

[Back](#)

Log: 1130 PRI: P4 Type: 1013 CB: Beat: 76-2C  
 LOC: INDIO CC CS: INDO RICO  
 ORI: 071 A13623 03/22/2007 DISP: A13594 X  
 ORI Action: Filed: UA R/S: DUP: CBT: Z: Y

## DETAIL

Pos	ID #	Time	Line #	Detail
071	A13623	15:58:32	1	ON I10 BETWEEN MILE MARKER 135 AND 145-HEAVY WIND AND RAINS, LIMITED VISIBILITY
071	A13623	16:01:40	2	STRONG WINDS ON EAST END
071	A13623	16:01:40	3	SR86S HAS A LOT OF DUST
071	A13623	16:01:52	4	REFERENCE DUPLICATE INCIDENT <a href="#">1119D0322</a>
072	A11358	16:13:21	5	HAIL AT MM 121 -- AND HEAVY RAIN
072	A11358	16:14:20	6	VIS DOWN TO 500 FT
076	B08555	16:15:47	7	LIMITED VISIBILITY DUE TO BLOWING SAND AT WASHINGTON
076	B08555	16:15:59	8	RAINING IN INDIO
070	A13594	16:19:12	9	PER 204-OVERCAST AND WINDY IN BANNING
070	A13594	16:19:55	10	PER 102-SCATTERED SHOWERS, OVERCAST AND COLD
074	A12394	16:33:47	11	RECORDING UPDATED
076	A08374	18:36:22	12	BLYTHE AREA-FLOODING ON SR78 AT 22ND
070	A13594	18:52:18	13	PER 76-86 LIGHT TO MOD RAIN FM 62 TO THE SOUTH
072	A11358	19:13:52	14	LIGHT RAIN BUT STRONG GUSTY WINDS IN THERMAL AT AP
070	A11971	01:35:20	15	30 ADVS COOL, CALM, CLEAR
070	A11971	01:35:33	16	INDIO AREA CLR

## UNITS ASSIGNED

Pos	ID #	Time	Unit	Misc
070	A11971	01:35:51	* 3-WEATHER	

## UNIT HISTORY

Pos	ID #	Time	Unit	Status Misc
071	A13623	15:59:19	* 3-WEATHER	ENRT
070	A13594	16:02:51	* 3-WEATHER	1097
070	A11971	01:35:51	* 3-WEATHER	1098

## COMPREHENSIVE DETAIL

Pos	ID #	Time	Detail
071	A13623	15:56:27	.NI.T/1013.L/INDIO CC[P/4][.Z/Y][.DSP/A13594][GEO.GL/INDIO CC.TBM/ 819 3J.XY/6553116:2217567.CITY/INDO.CNTY/RICO.B/76-2C][.IST/1130D0322,I]
071	A13623	15:58:32	.UI.D/1:ON I10 BETWEEN MILE MARKER 135 AND 145-HEAVY WIND AND RAINS, LIMITED VISIBILITY.R/N
071	A13623	15:59:06	.UI.R/C[.RL/70][.IST/1130D0322,P]
071	A13623	15:59:19	.3-WEATHER.I/1130[.IST/1130D0322,A][.UNT/* 3-WEATHER][.STA/ENRT]
071	A13623	16:01:40	.UI.1130.D/2:STRONG WINDS ON EAST END.D/3:SR86S HAS A LOT OF DUST.R/N

<http://cadjournal.chp.ca.gov/CompInc.asp?center=INCC7&IncN=1130&IncD=D0322&In...> 4/13/2009

Journal Report

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071 A13623 16:01:52 .[.D/4:REFERENCE DUPLICATE INCIDENT 1119D0322]  
 070 A13594 16:02:51 .3-WEATHER[.UNT/\* 3-WEATHER][.STA/1097]  
 072 A11358 16:13:21 .UI.D/5:HAIL AT MM 121 -- AND HEAVY RAIN[.RL/70.]  
 072 A11358 16:14:20 .UI.D/6:VIS DOWN TO 500 FT.R/N  
 076 B08555 16:15:47 .UI.D/7:LIMITED VISIBILITY DUE TO BLOWING SAND AT WASHINGTON[.RL/70.]  
 076 B08555 16:15:59 .UI.D/8:RAINING IN INDIO.R/ID[.RL/70,71,72,74,79.]  
 070 A13594 16:19:12 .UI.D/9:PER 204-OVERCAST AND WINDY IN BANNING  
 070 A13594 16:19:55 .UI.D/10:PER 102-SCATTERED SHOWERS, OVERCAST AND COLD  
 074 A12394 16:33:47 .UI.D/11:RECORDING UPDATED[.RL/70.]  
 074 A12394 16:55:23 .II.1130D0322  
 076 A08374 18:36:22 .UI.D/12:BLYTHE AREA-FLOODING ON SR78 AT 22ND.R/N  
 070 A13594 18:52:18 .UI.1130.D/13:PER 76-86 LIGHT TO MOD RAIN FM 62 TO THE SOUTH  
 072 A11358 19:13:52 .UI.D/14:LIGHT RAIN BUT STRONG GUSTY WINDS IN THERMAL AT AP.R/N  
 070 A11971 01:35:20 .UI.D/15:30 ADVS COOL, CALM, CLEAR  
 070 A11971 01:35:33 .UI.D/16:INDIO AREA CLR  
 070 A11971 01:35:51 .3-WEATHER.F/UA[.IST/1130D0322,F][.UNT/\* 3-WEATHER][.STA/1098]  
 04:16:07 .IPD/032407 .IPT/041607[.IST/1130D0322, ]

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### A.3 Newspaper Article – The Desert Sun

#### **The Desert Sun (Palm Springs, CA)**

March 22, 2007

#### **High winds topple power poles**

Author: Michelle Mitchell; Staff

Author: The Desert Sun

Section: Local

Page: B1

Dateline: North Palm Springs

Index Terms:

Weather; Winds

Energy Resource; Electric Power

Estimated printed pages: 2

Article Text:

North Palm Springs

Fallen lines obstruct traffic, cut off power to 438 customers

By Michelle Mitchell

The Desert Sun

Some residents in North Palm Springs were without power while commuters found themselves in snarled traffic Wednesday after fierce winds knocked down 14 power poles. The poles were just north of Interstate 10 between 18th and 20th avenues. "It was extensive damage," Southern California Edison spokesman Gil Alexander said. Half of the 438 Edison customers had their power restored within 15 minutes, and 54 customers were without electricity until Wednesday evening.

Traffic also had to be temporarily diverted from Indian Avenue and from the Indian off-ramps on Interstate 10 while crews worked on the damage from Tuesday's winds. The outage also knocked out traffic signals on Indian. Stop signs were placed at the intersection, but traffic was moving slowly through the area much of Wednesday. "The closer you get to where the actual damage is, the fewer options you have (with power)," Alexander said. Instead of diverting electricity, the damaged lines had to be reconnected before full power could be restored.

Photos by Taya Kashuba Gray, The Desert Sun

Construction lineman Dennis Potter (right) of PAR Electrical Contractors Inc. dismantles a power pole that snapped in half on Wednesday on Indian Avenue north of Interstate 10 in North Palm Springs. Several other power poles also were damaged.

Frank Torres of Cochran Communications Construction Inc. dismantles a snapped power pole Wednesday on Indian Avenue.

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Record Number: plm2007032302130087

## A.4 NWS San Diego Forecast Office – Short Term Forecasts

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

FPUS76 KSGX 221808  
NOWSGX  
**SHORT TERM FORECAST**  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
1108 AM PDT THU MAR 22 2007  
CAZ056-058-061-062-222100-  
RIVERSIDE COUNTY MOUNTAINS-  
SAN DIEGO COUNTY MOUNTAINS-  
**COACHELLA VALLEY-**  
SAN DIEGO COUNTY DESERTS-  
**1108 AM PDT THU MAR 22 2007 [1008 PST]**  
.NOW...  
**THROUGH 200 PM...THUNDERSTORMS WILL FORM AND MOVE NORTHWEST ACROSS  
THE ANZA BORREGO DESERT...THE MOUNTAINS OF EASTERN SAN DIEGO  
COUNTY...UP THE COACHELLA VALLEY...THE SANTA ROSA MOUNTAINS AND THE  
EST SLOPES OF THE SAN JACINTO MOUNTAINS. DRY LIGHTNING IS POSSIBLE  
AS RAINFALL AMOUNTS ARE EXPECTED TO BE LIGHT.**  
\$\$  
RB  
NNNN

FPUS76 KSGX 222058  
NOWSGX  
**SHORT TERM FORECAST**  
NATIONAL WEATHER SERVICE SAN DIEGO CA  
**200 PM PDT THU MAR 22 2007 [1300 PST]**  
CAZ056-058-061-062-222300-  
RIVERSIDE COUNTY MOUNTAINS-  
SAN DIEGO COUNTY MOUNTAINS-  
**COACHELLA VALLEY-**  
SAN DIEGO COUNTY DESERTS-  
200 PM PDT THU MAR 22 2007  
.NOW...  
**SHOWERS AND THUNDERSTORMS OVER IMPERIAL COUNTY AND EASTERN RIVERSIDE  
COUNTY WERE MOVING WEST AT 20 MPH. STRONG DOWNDRAFT WIND GUSTS TO 35  
MPH ARE POSSIBLE WITH THESE CELLS AS THEY MOVE ACROSS THE ANZA  
BORREGO DESERT...THE SAN DIEGO COUNTY MOUNTAINS...THE COACHELLA  
VALLEY...AND THE EASTERN SLOPES OF THE RIVERSIDE COUNTY MOUNTAINS.  
DRY LIGHTNING IS POSSIBLE AND RAINFALL AMOUNTS WILL BE LIGHT.**  
\$\$  
MOEDE  
NNNN

FPUS76 KSGX 222226

NOWSGX

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE SAN DIEGO CA

**322 PM PDT THU MAR 22 2007** [1422 PST]

CAZ056-058-061-062-230000-

RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-

**COACHELLA VALLEY-**

SAN DIEGO COUNTY DESERTS-

322 PM PDT THU MAR 22 2007

.NOW...

AT 315 PM...DOPPLER RADAR DETECTED A STRONG THUNDERSTORM OVER THE SALTON SEA...NEAR THE TOWN OF DESERT SHORES. THIS STORM WAS MOVING EAST AT 25 MPH AND WILL BRING GUSTY DOWNDRAFT WINDS...LIGHTNING AND BRIEF RAIN TO THE COACHELLA VALLEY AND THE ANZA BORREGO DESERT THROUGH 430 PM. ELSEWHERE...SCATTERED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO INTENSIFY AND MOVE WEST TOWARD THE EASTERN SLOPES OF THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS.

\$\$

MOEDE

NNNN

FPUS76 KSGX 222259

NOWSGX

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE SAN DIEGO CA

355 PM PDT THU MAR 22 2007

CAZ056-058-061-062-230000-

RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-

**COACHELLA VALLEY-**

SAN DIEGO COUNTY DESERTS-

**355 PM PDT THU MAR 22 2007** [1455 PST]

.NOW...

AT 350 PM...DOPPLER RADAR DETECTED A THUNDERSTORM OVER THE SOUTHERN COACHELLA VALLEY. THE STORM WAS MOVING WEST AT 25 MPH TOWARD SANTA ROSA MOUNTAIN. GUSTY DOWNDRAFT WINDS TO 40 MPH WILL PRODUCE AREAS OF BLOWING DUST. LIGHTNING AND BRIEF RAIN ARE ALSO LIKELY WITH THIS STORM. ELSEWHERE...SCATTERED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO INTENSIFY AND MOVE WEST TOWARD THE THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS THROUGH 5 PM.

\$\$

CAZ055-060-230000-

**SAN BERNARDINO COUNTY MOUNTAINS-**

**APPLE AND LUCERNE VALLEYS-**

**355 PM PDT THU MAR 22 2007** [1455 PST]

.NOW...

AT 350 PM...SHOWERS AND ISOLATED THUNDERSTORMS BETWEEN BAKER AND TWENTYNINE PALMS WERE MOVING WEST TOWARD THE APPLE AND LUCERNE VALLEYS AND THE SAN BERNARDINO MOUNTAINS. GUSTY DOWNDRAFT WINDS TO 40 MPH WILL PRODUCE AREAS OF BLOWING DUST. LIGHTNING AND BRIEF RAIN ARE POSSIBLE WITH THESE STORMS THROUGH 5 PM.

\$\$

MOEDE

NNNN

FPUS76 KSGX 222353

NOWSGX

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE SAN DIEGO CA

**455 PM PDT THU MAR 22 2007** [1555 PST]

CAZ056-058-061-062-230100-

RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-

**COACHELLA VALLEY-**

SAN DIEGO COUNTY DESERTS-

**455 PM PDT THU MAR 22 2007** [1555 PST]

.NOW...

**AT 450 PM...THUNDERSTORMS OVER THE DESERTS WERE MOVING WEST TOWARD THE MOUNTAINS AT 25 MPH. GUSTY DOWNDRAFT WINDS TO 40 MPH WILL PRODUCE AREAS OF BLOWING DUST. LIGHTNING AND BRIEF RAIN ARE ALSO LIKELY WITH THESE STORMS THROUGH 6 PM.**

\$\$

CAZ055-060-230100-

**SAN BERNARDINO COUNTY MOUNTAINS-**

**APPLE AND LUCERNE VALLEYS-**

**455 PM PDT THU MAR 22 2007** [1555 PST]

.NOW...

**AT 450 PM...SHOWERS AND ISOLATED THUNDERSTORMS BETWEEN LUDLOW AND YUCCA VALLEY WERE MOVING WEST TOWARD THE APPLE AND LUCERNE VALLEYS AND THE SAN BERNARDINO MOUNTAINS. GUSTY DOWNDRAFT WINDS TO 40 MPH WILL PRODUCE AREAS OF BLOWING DUST.**

\$\$

CAZ043-048-050-230100-

SAN DIEGO COUNTY COASTAL AREAS-

**SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-**

SAN DIEGO COUNTY VALLEYS-

**455 PM PDT THU MAR 22 2007** [1555 PST]

.NOW...

**AT 450 PM...SHOWERS AND ISOLATED THUNDERSTORMS WERE MOVING WEST FROM THE MOUNTAINS TOWARD THE COASTS AND VALLEYS. GUSTY DOWNDRAFT WINDS TO 40 MPH ARE POSSIBLE IN THE STRONGEST STORMS. AREAS OF LIGHTNING AND BRIEF LIGHT RAIN ARE LIKELY WITH THESE STORMS THROUGH 6 PM.**

\$\$

MOEDE

NNNN

FPUS76 KSGX 230048

NOWSGX

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE SAN DIEGO CA

545 PM PDT THU MAR 22 2007 [1645 PST]

CAZ056-058-061-062-230200-

RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-

**COACHELLA VALLEY-**

SAN DIEGO COUNTY DESERTS-

545 PM PDT THU MAR 22 2007 [1645 PST]

.NOW...

AT 545 PM...SCATTERED SHOWERS AND THUNDERSTORMS CONTINUED MOVING WESTWARD FROM THE EASTERN DESERTS. BRIEF RAINS AND OCCASIONAL LIGHTNING ARE EXPECTED THROUGH 7 PM. GUSTY DOWNDRAFT WINDS TO 40 MPH ARE ALSO POSSIBLE IN THE STRONGEST STORMS.

\$\$

CAZ055-060-230200-

**SAN BERNARDINO COUNTY MOUNTAINS-**

**APPLE AND LUCERNE VALLEYS-**

545 PM PDT THU MAR 22 2007 [1645 PST]

.NOW...

AT 545 PM...SHOWERS AND ISOLATED THUNDERSTORMS BETWEEN JOHNSON VALLEY AND FOREST FALLS WERE MOVING WEST TOWARD THE APPLE AND LUCERNE VALLEYS AND THE SAN BERNARDINO MOUNTAINS. BRIEF MODERATE RAINS...OCCASIONAL LIGHTNING AND GUSTY DOWNDRAFT WINDS TO 40 MPH ARE POSSIBLE THROUGH 7 PM...MAINLY EAST OF INTERSTATE 15.

\$\$

CAZ043-048-050-230200-

**SAN DIEGO COUNTY COASTAL AREAS-**

**SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-**

**SAN DIEGO COUNTY VALLEYS-**

545 PM PDT THU MAR 22 2007 [1645 PST]

.NOW...

AT 545 PM...SHOWERS AND ISOLATED THUNDERSTORMS CONTINUED MOVING WEST ACROSS THE VALLEYS TOWARD THE COAST. BRIEF MODERATE RAINS AND OCCASIONAL LIGHTNING WILL CONTINUE THROUGH 7 PM.

\$\$

CAZ042-057-230200-

**ORANGE COUNTY COASTAL AREAS-**

**SANTA ANA MOUNTAINS AND FOOTHILLS-**

545 PM PDT THU MAR 22 2007 [1645 PST]

.NOW...

AT 545 PM...SHOWERS AND ISOLATED THUNDERSTORMS OVER SOUTHERN ORANGE COUNTY WILL MOVE WEST TOWARD THE COASTAL WATERS THROUGH 7 PM. NO SIGNIFICANT ACCUMULATION IS EXPECTED.

\$\$

MOEDE

NNNN

FPUS76 KSGX 230158

NOWSGX

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE SAN DIEGO CA

700 PM PDT THU MAR 22 2007

CAZ043-048-050-056-058-061-062-230415-

**SAN DIEGO COUNTY COASTAL AREAS-**

**SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-**

**SAN DIEGO COUNTY VALLEYS-RIVERSIDE COUNTY MOUNTAINS-**

**SAN DIEGO COUNTY MOUNTAINS-COACHELLA VALLEY-**

**SAN DIEGO COUNTY DESERTS-**

**700 PM PDT THU MAR 22 2007 [1800 PST]**

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO MOVE FROM EAST TO WEST AT ABOUT 25 MPH THROUGH 9 PM. THUNDERSTORMS HAVE DEADLY LIGHTNING AND MAY HAVE BRIEF HEAVY RAIN...STRONG GUSTY WINDS AND HAIL.**

\$\$

DVA

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

WWUS86 KSGX 230025

AWWSAN

**AIRPORT WEATHER WARNING**

NATIONAL WEATHER SERVICE SAN DIEGO CA

**530 PM PDT THU MAR 22 2007**

CAZ043-230200-

**SAN DIEGO COUNTY COASTAL AREAS-**

**530 PM PDT THU MAR 22 2007 [1630 PST]**

...AN AIRPORT WEATHER WARNING FOR LINDBERGH FIELD IN SAN DIEGO DUE TO LIGHTNING WITHIN 5 MILES OF THE AIRPORT FROM 530 PM TO 700 PM...

**A LINE OF THUNDERSTORMS WILL CONTINUE TO MOVE WEST OVER WESTERN SAN DIEGO COUNTY THROUGH 700 PM. THIS WILL LIKELY BRING LIGHTNING STRIKES WITHIN 5 MILES OF SAN DIEGO LINDBERGH FIELD BETWEEN 530 PM AND 615 PM...WITH A FEW LINGERING STRIKES POSSIBLE AS LATE AS 700 PM.**

\$\$

MAXWELL



## A.5 NWS Los Angeles/Oxnard Forecast Office – Short Term Forecasts

FPUS76 KLOX 220307  
NOWLOX

### **SHORT TERM FORECASTS**

NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
705 PM PST WED MAR 21 2007 [\[1905 PST\]](#)

CAZ047-220405-  
**LOS ANGELES COUNTY VALLEYS-**  
705 PM PST WED MAR 21 2007

.NOW...

**SCATTERED SHOWERS HAVE DEVELOPED OVER THE EASTERN SAN GABRIEL VALLEY...  
AS WELL AS THE EASTERN SAN FERNANDO VALLEY. AT 8 PM PDT...NATIONAL  
WEATHER SERVICE DOPPLER RADAR INDICATED THE HEAVIEST SHOWERS 5 MILES  
WEST OF GLENDALE...MOVING TOWARDS THE SOUTHWEST AT 30 MILES PER  
HOUR. BRIEF HEAVY SHOWERS AND GUSTY WINDS CAN BE EXPECTED IN THE  
VICINITY OF THE STORMS. THE SHOWER ACTIVITY WILL CONTINUE TO DISSIPATE  
THROUGH THE EVENING HOURS.**

\$\$

MEIER

## A.6 NWS Phoenix Forecast Office – Short Term Forecasts

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

FPUS75 KPSR 220435

NOWPSR

### SHORT TERM FORECAST

NATIONAL WEATHER SERVICE PHOENIX AZ

**934 PM MST WED MAR 21 2007** [2034 PST]

AZZ023-220702-

### GREATER PHOENIX AREA-

INCLUDING THE CITIES OF...BUCKEYE...CAREFREE...CAVE CREEK...  
CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...MESA...PEORIA...  
PHOENIX...SCOTTSDALE...SUN CITY...TEMPE

934 PM MST WED MAR 21 2007

.NOW...

A FEW LIGHT SHOWERS WILL CONTINUE TO MOVE TO THE NORTHEAST ACROSS THE  
EAST VALLEY OF THE PHOENIX METRO AREA THROUGH MIDNIGHT. SOME OF  
THE SHOWERS MAY NOT REACH THE GROUND BUT WILL STILL CAUSE **SOME GUSTY  
WINDS UP TO AROUND 35 MPH. THESE WINDS MAY ALSO CAUSE SOME AREAS OF  
BLOWING DUST. THE AREAS MOST LIKELY TO BE AFFECTED WILL BE CHANDLER  
...GILBERT...MESA...SCOTTSDALE...AND TEMPE.**

\$\$

FPUS75 KPSR 220831

NOWPSR

### SHORT TERM FORECAST

NATIONAL WEATHER SERVICE PHOENIX AZ

131 AM MST THU MAR 22 2007

AZZ024-221030-

### SOUTHERN GILA/TONTO NF FOOTHILLS-

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...  
ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...  
ROOSEVELT...AND SAGUARO LAKES

**131 AM MST THU MAR 22 2007** [0031 PST]

.NOW...

ISOLATED SHOWERS AND **THUNDERSTORMS** WILL CONTINUE TO AFFECT PORTIONS  
OF SOUTHERN GILA COUNTY...INCLUDING THE TONTO NATIONAL FOREST  
FOOTHILLS THROUGH AT LEAST 330 AM. RAINFALL FROM THESE STORMS FOR THE  
MOST PART WILL BE LIGHT...WITH LITTLE REACHING THE GROUND. STORMS  
MOVING OVER HIGHER TERRAIN AREAS NEAR SEVEN SPRINGS...PUNKIN CENTER  
AND GLOBE HAVE THE POTENTIAL TO PRODUCE HEAVIER AMOUNTS OF RAINFALL  
AS THEY MOVE NORTH THROUGH THE AREA.

\$\$

VLM

FPUS75 KPSR 221251

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**551 AM MST THU MAR 22 2007** [0451 PST]

AZZ024-028-221430-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

NORTHWEST AND NORTH CENTRAL PINAL COUNTY-

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES...APACHE JUNCTION...CASA GRANDE...

COOLIDGE...FLORENCE

551 AM MST THU MAR 22 2007

.NOW...

ISOLATED SHOWERS AND **THUNDERSTORMS** WILL CONTINUE TO AFFECT PORTIONS OF NORTH-CENTRAL PINAL AND SOUTHERN GILA COUNTIES...INCLUDING FLORENCE...SUPERIOR AND GLOBE...THROUGH AT LEAST 730 AM. RAINFALL FROM THESE STORMS WILL BE LIGHT...UP TO A FEW HUNDREDTHS OF AN INCH. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE HEAVIER RAINFALL AMOUNTS AND **GUSTY WINDS UP TO 30 MPH AS THE QUICKLY MOVE NORTHWARD THROUGH THE AREA.**

\$\$

FPUS75 KPSR 221435

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**735 AM MST THU MAR 22 2007** [0635 PST]

AZZ022-023-027-028-221645-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE

735 AM MST THU MAR 22 2007

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS** WILL BEGIN TO AFFECT PORTIONS OF NORTH-CENTRAL PINAL AND MARICOPA COUNTIES...INCLUDING ISOLATED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO AFFECT PORTIONS OF NORTH-CENTRAL PINAL AND SOUTHERN GILA COUNTIES...INCLUDING FLORENCE...SUPERIOR AND GLOBE...THROUGH AT LEAST 730 AM. RAINFALL FROM THESE STORMS WILL BE LIGHT...UP TO A FEW HUNDREDTHS OF AN INCH. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE HEAVIER RAINFALL AMOUNTS AND **GUSTY WINDS UP TO 30 MPH AS THE QUICKLY MOVE NORTHWARD THROUGH THE AREA.**

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AZZ024-221645-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES

**735 AM MST THU MAR 22 2007** [0635 PST]

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS** WILL CONTINUE TO AFFECT PORTIONS OF **SOUTHERN GILA COUNTIES**...INCLUDING THE TONTO NATIONAL FOREST FOOTHILLS...THROUGH AT LEAST 9 AM. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE BRIEF HEAVY RAINFALL...UP TO TWO TENTHS OF AN INCH...AND **GUSTY WINDS** AS THEY QUICKLY MOVE NORTHWARD THROUGH THE AREA.

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FPUS75 KPSR 221439

NOWPSR

**SHORT TERM FORECAST...CORRECTED**

NATIONAL WEATHER SERVICE PHOENIX AZ

**736 AM MST THU MAR 22 2007** [0636 PST]

AZZ022-023-027-028-221700-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE

736 AM MST THU MAR 22 2007

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS** WILL BEGIN TO AFFECT PORTIONS OF NORTH-CENTRAL PINAL AND MARICOPA COUNTIES...INCLUDING THE COMMUNITIES OF MARICOPA...AVONDALE...WITTMANN AND THE GREATER PHOENIX METRO AREA...THROUGH AT LEAST 730 AM. RAINFALL FROM THESE STORMS WILL BE LIGHT...UP TO A FEW HUNDREDTHS OF AN INCH. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE HEAVIER RAINFALL AMOUNTS AND **GUSTY WINDS UP TO 30 MPH AS THE QUICKLY MOVE NORTHWARD THROUGH THE AREA.**

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AZZ024-221700-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES

**736 AM MST THU MAR 22 2007** [0636 PST]

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS** WILL CONTINUE TO AFFECT PORTIONS OF SOUTHERN GILA COUNTIES...INCLUDING THE TONTO NATIONAL FOREST FOOTHILLS...THROUGH AT LEAST 9 AM. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE BRIEF HEAVY RAINFALL...UP TO TWO TENTHS OF AN INCH...AND **GUSTY WINDS** AS THEY QUICKLY MOVE NORTHWARD THROUGH THE AREA.

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FPUS75 KPSR 221443

NOWPSR

**SHORT TERM FORECAST...CORRECTED**

NATIONAL WEATHER SERVICE PHOENIX AZ

**736 AM MST THU MAR 22 2007** [0636 PST]

AZZ022-023-027-028-221700-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE

736 AM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND THUNDERSTORMS** WILL BEGIN TO AFFECT PORTIONS OF NORTH-CENTRAL PINAL AND MARICOPA COUNTIES...INCLUDING THE COMMUNITIES OF MARICOPA...AVONDALE...WITTMANN...AND THE GREATER PHOENIX METRO AREA...THROUGH AT LEAST 9 AM. RAINFALL FROM THESE STORMS WILL BE LIGHT...UP TO A FEW HUNDREDTHS OF AN INCH. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE HEAVIER RAINFALL AMOUNTS AND **GUSTY WINDS UP TO 30 MPH AS THE QUICKLY MOVE NORTHWARD THROUGH THE AREA.**

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AZZ024-221700-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES

736 AM MST THU MAR 22 2007

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS** WILL CONTINUE TO AFFECT PORTIONS OF SOUTHERN GILA COUNTIES...INCLUDING THE TONTO NATIONAL FOREST FOOTHILLS...THROUGH AT LEAST 9 AM. THE STRONGER STORMS HAVE THE POTENTIAL TO PRODUCE BRIEF HEAVY RAINFALL...UP TO TWO TENTHS OF AN INCH...AND **GUSTY WINDS AS THEY QUICKLY MOVE NORTHWARD THROUGH THE AREA.**

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FPUS75 KPSR 221720

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**1020 AM MST THU MAR 22 2007 [0920 PST]**

AZZ022-023-221930-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE

1020 AM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL CONTINUE OVER NORTHERN MARICOPA COUNTY THROUGH 1130 AM...DECREASING BY NOON. MOST SHOWERS WILL PRODUCE ONLY LIGHT RAIN. HOWEVER...THUNDERSTORMS WILL BE CAPABLE OF PRODUCING BRIEF MODERATE TO HEAVY RAIN OF ONE TO TWO TENTHS OF AN INCH...ALONG WITH LOCALLY GUSTY WINDS UP TO 30 MPH AND BLOWING DUST NEAR FARM FIELDS AND CONSTRUCTION AREAS.**

**MOTORISTS...INCLUDING THOSE ALONG INTERSTATE 10 AND HIGHWAY 60...ARE ADVISED TO USE CAUTION DUE TO SUDDENLY CHANGING CONDITIONS.**

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AZZ024-221930-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES

**1020 AM MST THU MAR 22 2007 [0920 PST]**

.NOW...

**ISOLATED SHOWERS AND THUNDERSTORMS WILL CONTINUE OVER SOUTHWEST MARICOPA COUNTY AND NORTHWEST PINAL COUNTY THROUGH 1100 AM...DIMINISHING BY NOON. MOST SHOWERS WILL PRODUCE ONLY LIGHT RAIN. HOWEVER...THUNDERSTORMS WILL BE CAPABLE OF PRODUCING BRIEF MODERATE TO HEAVY RAIN OF ONE TO TWO TENTHS OF AN INCH...ALONG WITH LOCALLY GUSTY WINDS UP TO 30 MPH AND BLOWING DUST NEAR FARM FIELDS AND CONSTRUCTION AREAS. MOTORISTS...INCLUDING THOSE ALONG INTERSTATE 10 AND HIGHWAY 85...ARE ADVISED TO USE CAUTION DUE TO SUDDENLY CHANGING CONDITIONS.**

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AZZ027-028-221930-

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...GILA BEND...APACHE JUNCTION...

CASA GRANDE...COOLIDGE...FLORENCE

**1020 AM MST THU MAR 22 2007 [0920 PST]**

.NOW...

**ISOLATED SHOWERS...AND POSSIBLY A THUNDERSTORM...WILL CONTINUE OVER SOUTHERN GILA COUNTY THROUGH 1100 AM...DIMINISHING BY NOON. MOST SHOWERS WILL PRODUCE ONLY LIGHT RAIN. HOWEVER...THUNDERSTORMS WILL BE CAPABLE OF PRODUCING BRIEF MODERATE TO HEAVY RAIN OF ONE TO TWO TENTHS OF AN INCH...ALONG WITH LOCALLY GUSTY WINDS UP TO 30 MPH AND BLOWING DUST NEAR OPEN DESERT AREAS. MOTORISTS...INCLUDING THOSE ALONG HIGHWAY 60 AND HIGHWAY 87...ARE ADVISED TO USE CAUTION DUE TO SUDDENLY CHANGING CONDITIONS.**

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FPUS75 KPSR 221955

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**1255 PM MST THU MAR 22 2007 [1155 PST]**

AZZ023-028-222130-

**GREATER PHOENIX AREA-NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...BUCKEYE...CAREFREE...CAVE CREEK...  
CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...MESA...PEORIA...  
PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...APACHE JUNCTION...  
CASA GRANDE...COOLIDGE...FLORENCE

1255 PM MST THU MAR 22 2007

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT PORTIONS OF THE GREATER PHOENIX METROPOLITAN AREA AS WELL AS NEARBY LOCALES IN NORTHWEST PINAL COUNTY THROUGH 230 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND SOME MINOR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS.**

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AZZ027-222130-

**SOUTHWEST MARICOPA COUNTY-**

INCLUDING THE CITY OF...GILA BEND

**1255 PM MST THU MAR 22 2007 [1155 PST]**

.NOW...

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AZZ022-222130-

**NORTHWEST MARICOPA COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...  
NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG

1255 PM MST THU MAR 22 2007

.NOW...

**SCATTERED THUNDERSTORMS WILL DEVELOP AFTER 130 PM...AND CONTINUE THROUGH AT LEAST 230 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE NEAR ANY STORMS...AND SOME MINOR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS.**

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AZZ021-026-222130-

**WEST CENTRAL DESERTS-SOUTHWEST DESERTS-**

INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...  
DATELAND...TACNA...WELLTON

**1255 PM MST THU MAR 22 2007 [1155 PST]**

.NOW...

**THUNDERSTORMS WILL BE ON THE INCREASE THIS AFTERNOON...MAINLY AFTER 130 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE NEAR ANY STORMS...AND SOME MINOR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS.**

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FPUS75 KPSR 222002

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**102 PM MST THU MAR 22 2007** [1202 PST]

AZZ027-222130-

**SOUTHWEST MARICOPA COUNTY-**

INCLUDING THE CITY OF...GILA BEND

102 PM MST THU MAR 22 2007

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT SOUTHWEST MARICOPA COUNTY...INCLUDING THE GILA BEND AREA...THROUGH AT LEAST 230 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS.**

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FPUS75 KPSR 222010

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**110 PM MST THU MAR 22 2007** [1210 PST]

CAZ032-222215-

**RIVERSIDE COUNTY/EASTERN DESERTS-**

INCLUDING THE CITIES OF...CHIRIACO SUMMIT...DESERT CENTER...

EAGLE MTN...MIDLAND

**110 PM PDT THU MAR 22 2007** [1210 PST]

.NOW...

**A STRONG THUNDERSTORM 10 MILES NORTHWEST OF BLYTHE MAY PRODUCE SMALL HAIL AND GUSTY WINDS TO 45 MPH AS IT CONTINUES TO MOVE NORTHWEST INTO THE OPEN DESERT OF EASTERN RIVERSIDE COUNTY. THIS STORM SHOULD REMAIN NORTH OF INTERSTATE 10. HOWEVER...MOTORISTS ALONG INTERSTATE 10 MAY ENCOUNTER AREAS OF BLOWING DUST.**

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FPUS75 KPSR 222143

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**243 PM MST THU MAR 22 2007** [1343 PST]

AZZ022-023-222301-

**GREATER PHOENIX AREA-NORTHWEST MARICOPA COUNTY-**

INCLUDING THE CITIES OF...BUCKEYE...CAREFREE...CAVE CREEK...

CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...MESA...PEORIA...

PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...MORRISTOWN...NEW RIVER...

TONOPAH...WICKENBURG...LAKE PLEASANT

**243 PM MST THU MAR 22 2007** [1343 PST]

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT NORTHWEST MARICOPA COUNTY...**

**INCLUDING THE AREAS NORTH OF INTERSTATE 10 FROM PHOENIX THROUGH THE**

**TONOPAH AREA THROUGH AT LEAST 4 PM. STORMS WILL BE CAPABLE OF**

**PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF**

**HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT**

**25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY**

**FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR**

**STREET FLOODING WILL OCCUR WITH HEAVIER STORMS.**

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FPUS75 KPSR 222154

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**253 PM MST THU MAR 22 2007** [1353 PST]

AZZ020-021-026-222302-

**LOWER COLORADO RIVER VALLEY AZ-SOUTHWEST DESERTS-**

**WEST CENTRAL DESERTS-**

INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...DATELAND...

TACNA...WELLTON...EHRENBERG...PARKER

**253 PM MST THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT YUMA AND LA PAZ COUNTIES**

**THROUGH AT LEAST 4 PM. THE MOST NUMEROUS ARE EXPECTED TO BE OVER**

**NORTHERN YUMA AND SOUTHERN LA PAZ. STORMS WILL BE CAPABLE OF**

**PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF**

**HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT**

**25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY**

**FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR**

**STREET FLOODING WILL OCCUR WITH HEAVIER STORMS ALONG WITH CAUSING**

**WASHES TO RUN.**

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FPUS75 KPSR 222209

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**309 PM MST THU MAR 22 2007** [1409 PST]

CAZ031>033-230001-

**IMPERIAL COUNTY-LOWER COLORADO RIVER VALLEY CA-**

**RIVERSIDE COUNTY/EASTERN DESERTS-**

**INCLUDING THE CITIES OF...BLYTHE...BRAWLEY...CALEXICO...EL CENTRO...**

**GLAMIS...IMPERIAL...THE SALTON SEA...DESERT CENTER**

**209 PM PST THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT EASTERN RIVERSIDE AND MAINLY NORTHERN IMPERIAL COUNTIES THROUGH 5 PM. THIS WILL INCLUDE INTERSTATE 10 AND THE SALTON SEA AREAS. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTHWEST TO WEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO RUN.**

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FPUS75 KPSR 222304

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**404 PM MST THU MAR 22 2007** [1504 PST]

AZZ022-023-027-028-230115-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

**INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...**

**NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...**

**CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...**

**MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...**

**GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE**

**404 PM MST THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT MARICOPA AND PINAL COUNTIES THROUGH AT LEAST 6 PM. THE MOST NUMEROUS STORMS ARE EXPECTED TO BE OVER NORTHERN MARICOPA COUNTY THROUGH THE WICKENBURG AREA...SOUTHWEST MARICOPA COUNTY INCLUDING GILA BEND...AND WESTERN PORTION OF NORTHWEST PINAL COUNTY MAINLY WEST OF CASA GRANDE. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS ALONG WITH CAUSING WASHES TO RUN.**

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FPUS75 KPSR 222313

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**413 PM MST THU MAR 22 2007** [1513 PST]

AZZ020-021-025-026-230130-

**LOWER COLORADO RIVER VALLEY AZ-SOUTHWEST DESERTS-**

**WEST CENTRAL DESERTS-YUMA/MARTINEZ LAKE AND VICINITY-**

INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...DATELAND...

TACNA...WELLTON...EHRENBERG...PARKER...SAN LUIS...SOMERTON...YUMA

**413 PM MST THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL CONTINUE TO AFFECT YUMA AND LA PAZ**

**COUNTIES THROUGH 630 PM. THE MOST NUMEROUS STORMS WILL BE**

**OVER SOUTHWEST LA PAZ BETWEEN QUARTZSITE AND THE COLORADO RIVER UP**

**THROUGH PARKER...AND OVER THE YUMA LAKE MARTINEZ AREA. STORMS WILL BE**

**CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...**

**AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE**

**NORTHWEST TO WEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH**

**VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND**

**MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS AS WELL**

**AS CAUSING SOME WASHES TO RUN.**

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FPUS75 KPSR 222356

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**456 PM MST THU MAR 22 2007** [1556 PST]

CAZ031>033-230200-

**LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-**

**IMPERIAL COUNTY-**

INCLUDING THE CITIES OF...BLYTHE...CHIRIACO SUMMIT...

DESERT CENTER...EAGLE MTN...MIDLAND...BRAWLEY...CALEXICO...

EL CENTRO...GLAMIS...IMPERIAL...AND THE SALTON SEA

**456 PM PDT THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT EASTERN RIVERSIDE COUNTY INCLUDING**

**INTERSTATE 10...AND IMPERIAL COUNTY ESPECIALLY TO THE NORTH AND WEST**

**OF CALIPATRIA ON INTO THE SALTON SEA AREA THROUGH AT LEAST 7 PM.**

**STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40**

**MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE**

**TOWARD THE WEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST...WITH**

**VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND**

**MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS AS WELL**

**AS CAUSING SOME WASHES TO RUN.**

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FPUS75 KPSR 230049

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**550 PM MST THU MAR 22 2007** [1650 PST]

AZZ022-023-027-028-230245-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE

550 PM MST THU MAR 22 2007

.NOW...

**SCATTERED THUNDERSTORMS WILL AFFECT MARICOPA AND PINAL COUNTIES THROUGH AT LEAST 745 PM. THE MOST NUMEROUS STORMS ARE EXPECTED TO BE OVER NORTHWEST MARICOPA COUNTY...AND FROM SOUTHWEST MARICOPA COUNTY THROUGH THE GILA BEND AREA THROUGH NORTHWEST PINAL COUNTY INCLUDING THE COOLIDGE AND CASA GRANDE AREAS. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTH-NORTHWEST AT 25 MPH...REACHING THE SOUTHERN PHOENIX METRO AREA AFTER 615 PM. LOCAL AREAS OF DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS ALONG WITH CAUSING WASHES TO RUN.**

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FPUS75 KPSR 230130

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**630 PM MST THU MAR 22 2007** [1730 PST]

AZZ020-021-025-026-230330-

**LOWER COLORADO RIVER VALLEY AZ-SOUTHWEST DESERTS-**

**WEST CENTRAL DESERTS-YUMA/MARTINEZ LAKE AND VICINITY-**

INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...DATELAND...

TACNA...WELLTON...EHRENBERG...PARKER...SAN LUIS...SOMERTON...YUMA

630 PM MST THU MAR 22 2007

.NOW...

**SCATTERED THUNDERSTORMS WILL CONTINUE TO AFFECT YUMA AND LA PAZ COUNTIES THROUGH 830 PM. ANOTHER BAND OF MORE NUMEROUS STORMS OVER EASTERN AND CENTRAL LA PAZ AND EASTERN YUMA COUNTIES WILL BE SPREADING WESTWARD OVER BOTH COUNTIES THROUGH 830 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF 40 MPH...SMALL HAIL ...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL MOVE TOWARD THE NORTHWEST TO WEST AT 25 MPH. LOCAL AREAS OF DENSE BLOWING DUST... WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1 MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO RUN.**

\$\$

FPUS75 KPSR 230157

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**657 PM MST THU MAR 22 2007** [1757 PST]

CAZ030>033-230400-

**JOSHUA TREE NATIONAL PARK-LOWER COLORADO RIVER VALLEY CA-  
RIVERSIDE COUNTY/EASTERN DESERTS-IMPERIAL COUNTY-  
INCLUDING THE CITIES OF...COTTONWOOD VISITOR CENTER...  
LOST HORSE-KEYS VIEW JTNP...BLYTHE...CHIRIACO SUMMIT...  
DESERT CENTER...EAGLE MTN...MIDLAND...BRAWLEY...CALEXICO...  
EL CENTRO...GLAMIS...IMPERIAL...AND THE SALTON SEA**

**657 PM PDT THU MAR 22 2007**

.NOW...

**SCATTERED THUNDERSTORMS WILL CONTINUE TO AFFECT EASTERN RIVERSIDE  
COUNTY INCLUDING INTERSTATE 10...IMPERIAL COUNTY...AND JOSHUA NATIONAL  
PARK THROUGH AT LEAST 9 PM. STORMS WILL BE CAPABLE OF PRODUCING WIND  
GUSTS IN EXCESS OF 40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN.  
INDIVIDUAL STORMS WILL MOVE TOWARD THE WEST AT 25 MPH. LOCAL AREAS OF  
DENSE BLOWING DUST...WITH VISIBILITY BRIEFLY FALLING WELL BELOW 1  
MILE...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL  
OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO RUN.**

\$\$

FPUS75 KPSR 230247

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**747 PM MST THU MAR 22 2007** [1847 PST]

AZZ024-230500-

**SOUTHERN GILA/TONTO NF FOOTHILLS-  
INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...  
ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...  
ROOSEVELT...AND SAGUARO LAKES**

**747 PM MST THU MAR 22 2007**

.NOW...

**SCATTERED SHOWERS AND THUNDERSTORMS WILL BE SPREADING INTO SOUTHERN  
GILA COUNTY FROM THE SOUTH THROUGH 10 PM. THEY WILL BE AFFECTING  
CHRISTMAS AND NEARBY HAYDEN AND UP ALONG HIGHWAY 77 INTO THE GLOBE  
AND COOLIDGE DAM AREAS. THEN PROCEEDING NORTH THROUGH SOUTHERN GILA  
COUNTY. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS IN EXCESS OF  
40 MPH...SMALL HAIL...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL  
MOVE TOWARD THE NORTH AT 25 MPH. MINOR ROAD OR STREET FLOODING WILL  
OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO RUN.**

\$\$

FPUS75 KPSR 230255

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**755 PM MST THU MAR 22 2007** [1855 PST]

AZZ022-023-027-028-230500-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND...APACHE JUNCTION...CASA GRANDE...COOLIDGE...FLORENCE

755 PM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL CONTINUE OVER THE SOUTH-CENTRAL ARIZONA DESERTS...INCLUDING THE PHOENIX AREA...THROUGH 1030 PM. MOST SHOWERS WILL PRODUCE LIGHT TO MODERATE RAIN.**

**HOWEVER...THE THUNDERSTORMS WILL PRODUCE BRIEF HEAVY RAIN AND BE CAPABLE OF ALSO PRODUCING SMALL HAIL AND WIND GUSTS TO 35**

**MPH...ACCOMPANIED BY LOCALIZED BLOWING DUST. MOTORISTS...INCLUDING THOSE ALONG INTERSTATE 10 AND HIGHWAY 77...ARE ADVISED TO USE CAUTION DUE TO SUDDENLY CHANGING CONDITIONS.**

\$\$

AJ

FPUS75 KPSR 230409

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**910 PM MST THU MAR 22 2007** [2010 PST]

AZZ020-021-025-026-230630-

**LOWER COLORADO RIVER VALLEY AZ-SOUTHWEST DESERTS-**

**WEST CENTRAL DESERTS-YUMA/MARTINEZ LAKE AND VICINITY-**

INCLUDING THE CITIES OF...BOUSE...QUARTZSITE...SALOME...DATELAND...

TACNA...WELLTON...EHRENBERG...PARKER...SAN LUIS...SOMERTON...YUMA

910 PM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO AFFECT YUMA AND LA PAZ COUNTIES THROUGH 1130 PM. MUCH OF THE STORMS SHOULD BE AFFECTING NORTHERN YUMA COUNTY AND SOUTHERN AND WESTERN LA PAZ**

**COUNTY. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS OF AROUND 35 MPH...SMALL HAIL ...AND BRIEF HEAVY RAIN. INDIVIDUAL STORMS WILL**

**MOVE TOWARD THE WEST TO NORTHWEST AT 25 MPH. LOCAL AREAS OF BLOWING DUST...WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING WILL**

**OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO RUN.**

\$\$

FPUS75 KPSR 230521

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**1021 PM MST THU MAR 22 2007 [2121 PST]**

AZZ024-028-230830-

**SOUTHERN GILA/TONTO NF FOOTHILLS-**

**NORTHWEST AND NORTH CENTRAL PINAL COUNTY-**

INCLUDING THE CITIES OF...GLOBE...MIAMI...SAN CARLOS...SUPERIOR...

ALSO INCLUDING APACHE...BARTLETT...CANYON...HORSESHOE...

ROOSEVELT...AND SAGUARO LAKES...APACHE JUNCTION...CASA GRANDE...

COOLIDGE...FLORENCE

1021 PM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL CONTINUE OVER SOUTHERN GILA...NORTHWEST PINAL...AND FAR NORTHEAST MARICOPA COUNTIES THROUGH 1 AM. MOST LOCATIONS WILL RECEIVE BETWEEN TWO AND FOUR TENTHS OF AN INCH OF RAIN BETWEEN 10 PM AND 1 AM. HOWEVER...LOCALIZED AMOUNTS OF ONE INCH WILL OCCUR...WITH HIGHER AMOUNTS POSSIBLE.**

**RUNNING WASHES AND FLOODED ROADS WILL BE LIKELY IN THE AREAS OF HEAVIER RAIN. LOCATIONS MOST LIKELY TO BE AFFECTED INCLUDE FLORENCE JUNCTION...THE SUPERSTITION MOUNTAINS...AND THE SALT RIVER RECREATIONAL LAKES.**

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AZZ022-023-027-230830-

**NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-**

**SOUTHWEST MARICOPA COUNTY-**

INCLUDING THE CITIES OF...LAKE PLEASANT...MORRISTOWN...

NEW RIVER...TONOPAH...BUCKEYE...WICKENBURG...CAREFREE...

CAVE CREEK...CHANDLER...FOUNTAIN HILLS...GILBERT...GLENDALE...

MESA...PEORIA...PHOENIX...SCOTTSDALE...SUN CITY...TEMPE...

GILA BEND

1021 PM MST THU MAR 22 2007

.NOW...

**SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL CONTINUE OVER MARICOPA COUNTY...INCLUDING THE PHOENIX AREA...THROUGH 1 AM. MOST LOCATIONS WILL RECEIVE BETWEEN TWO AND FOUR TENTHS OF AN INCH OF RAIN BETWEEN 10 PM AND 1 AM. HOWEVER...LOCALIZED AMOUNTS OF UP TO ONE INCH ARE POSSIBLE. LOCALIZED STREET FLOODING IS LIKELY AS WELL AS PONDING OF WATER IN LOW SPOTS AND RUNNING OF SOME WASHES. SMALL HAIL WILL ALSO BE POSSIBLE WITH THE THUNDERSTORMS. LOCATIONS MOST LIKELY TO BE AFFECTED INCLUDE EASTERN AND NORTHERN PORTIONS OF THE PHOENIX METRO AREA...ESPECIALLY NEAR FOOTHILL LOCATIONS. MOTORISTS ARE ADVISED TO USE CAUTION...ESPECIALLY SINCE IT IS HARDER TO RECOGNIZE DANGEROUS CONDITIONS AT NIGHT.**

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FPUS75 KPSR 230554

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**1053 PM MST THU MAR 22 2007** [2153 PST]

AZZ020-021-026-CAZ031-033-230830-

**IMPERIAL COUNTY-LOWER COLORADO RIVER VALLEY AZ-  
LOWER COLORADO RIVER VALLEY CA-SOUTHWEST DESERTS-  
WEST CENTRAL DESERTS-**

**INCLUDING THE CITIES OF...BLYTHE...BOUSE...QUARTZSITE...SALOME...**

**BRAWLEY...CALEXICO...EL CENTRO...GLAMIS...IMPERIAL...**

**THE SALTON SEA...DATELAND...TACNA...WELLTON...EHRENBERG...PARKER**

**1053 PM MST (1053 PM PDT) THU MAR 22 2007** [2121 PST]

.NOW...

**SCATTERED THUNDERSTORMS WILL CONTINUE TO AFFECT YUMA AND LA PAZ**

**COUNTIES AS WELL AS IMPERIAL COUNTY IN CALIFORNIA THROUGH 130 AM.**

**THE MOST NUMEROUS STORMS WILL BE OVER SOUTHERN LA PAZ AND**

**NORTHERN YUMA COUNTIES INTO NORTHEASTERN AND CENTRAL IMPERIAL**

**COUNTIES. STORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS TO AROUND 35**

**MPH AND BRIEF HEAVY RAIN ALONG WITH POSSIBLE SOME SMALL HAIL.**

**INDIVIDUAL STORMS WILL MOVE TOWARD THE WEST AT 25 MPH. LOCAL AREAS OF**

**BLOWING DUST WILL BE POSSIBLE...AND MINOR ROAD OR STREET FLOODING**

**WILL OCCUR WITH HEAVIER STORMS AS WELL AS CAUSING SOME WASHES TO**

**RUN.**

**\$\$**

FPUS75 KPSR 230837

NOWPSR

**SHORT TERM FORECAST**

NATIONAL WEATHER SERVICE PHOENIX AZ

**137 AM MST FRI MAR 23 2007** [0037 PST]

AZZ020-021-CAZ031-231000-

**LOWER COLORADO RIVER VALLEY AZ-LOWER COLORADO RIVER VALLEY CA-  
WEST CENTRAL DESERTS-**

**INCLUDING THE CITIES OF...BLYTHE...BOUSE...QUARTZSITE...SALOME...**

**EHRENBERG...PARKER**

**137 AM MST (1237 AM PST) FRI MAR 23 2007**

.NOW...

**SCATTERED SHOWERS AND THUNDERSTORMS WILL CONTINUE TO AFFECT LA PAZ**

**COUNTY AND PORTIONS OF THE COLORADO RIVER VALLEY THROUGH 3 AM.**

**THUNDERSTORMS WILL BE CAPABLE OF PRODUCING WIND GUSTS TO AROUND**

**35 MPH...BRIEF HEAVY RAIN AND SMALL HAIL. INDIVIDUAL STORMS WILL MOVE**

**WEST AT 25 MPH. MINOR ROAD OR STREET FLOODING IS POSSIBLE DUE TO**

**HEAVY RAINFALL...AS WELL AS CAUSING NORMALLY DRY WASHES TO RUN.**

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## A.7 NWS Las Vegas Forecast Office – Short Term Forecasts

FPUS75 KVEF 221838  
NOWVEF

SHORT TERM FORECAST  
NATIONAL WEATHER SERVICE LAS VEGAS NV  
1138 AM PDT THU MAR 22 2007 [\[1038 PST\]](#)

AZZ003-222045-  
NORTHWEST DESERTS-  
1138 AM MST THU MAR 22 2007

.NOW...

LAS VEGAS RADAR SHOWED SCATTERED THUNDERSTORMS OVER SOUTHEAST MOHAVE COUNTY ALONG HIGHWAY 93 FROM WIKIEUP NORTH TO THE JUNCTION OF HIGHWAY 40. PERSONS OUT AND ABOUT THIS AFTERNOON SHOULD BE PREPARED FOR POSSIBLE BRIEF DOWNPOURS...LIGHTNING AND GUSTY WINDS TO 35 MPH THROUGH 200 PM.

\$\$  
CHS

FPUS75 KVEF 221931  
NOWVEF

SHORT TERM FORECAST  
NATIONAL WEATHER SERVICE LAS VEGAS NV  
1231 PM PDT THU MAR 22 2007 [\[1131 PST\]](#)

AZZ003-222145-  
NORTHWEST DESERTS-  
1231 PM MST THU MAR 22 2007

.NOW...

LAS VEGAS RADAR SHOWED SCATTERED THUNDERSTORMS IN THE VICINITY OF JUNCTION 93 AND 40 ALSO FROM YUCCA TO HUALAPAI PEAK. SCATTERED THUNDERSTORMS WILL CONTINUE TO MOVE FROM EAST TO WEST AND WILL TRIGGER BRIEF HEAVY DOWNPOURS...LIGHTNING...SMALL HAIL AND GUSTY WINDS TO 35 MPH. PERSONS OUT AND ABOUT IN THE VICINITY OF KINGMAN AS WELL AS THOSE TRAVELING ALONG HIGHWAYS 66 AND 40 SHOULD REMAIN ALERT TO THESE WEATHER HAZARDS THROUGH 230 PM.

\$\$  
CHS

FPUS75 KVEF 222010  
NOWVEF

SHORT TERM FORECAST  
NATIONAL WEATHER SERVICE LAS VEGAS NV  
110 PM PDT THU MAR 22 2007 [1210 PST]

AZZ036-NVZ021-222215-  
LAKE MEAD NATIONAL RECREATION AREA-  
110 PM PDT THU MAR 22 2007 /110 PM MST THU MAR 22 2007/

.NOW...

LAS VEGAS RADAR SHOWED A CLUSTER OF THUNDERSTORMS IN THE VICINITY OF KINGMAN ARIZONA MOVING TO THE WEST. SOME OF THESE STORMS WILL GENERATE A WIND OUTFLOW OF 40 MPH...LIGHTNING AND BRIEF HEAVY RAINS. THIS AREA OF UNSETTLED WEATHER WILL REACH THE SOUTHERN PORTION OF THE LAKE MEAD RECREATION AREA BETWEEN WILLOW BEACH AND KATHRINES LANDING BETWEEN 115 PM AND 145 PM. PERSONS OUT AND ABOUT IN THE LAKE MEAD RECREATION AREA SHOULD USE CAUTION DUE TO THIS WEATHER HAZARD THROUGH 230 PM.

\$\$  
CHS

FPUS75 KVEF 222047  
NOWVEF

SHORT TERM FORECAST  
NATIONAL WEATHER SERVICE LAS VEGAS NV  
147 PM PDT THU MAR 22 2007 [1247 PST]

CAZ526-222300-  
CADIZ BASIN-  
147 PM PDT THU MAR 22 2007

.NOW...

LAS VEGAS RADAR SHOWED SCATTERED THUNDERSTORMS ALONG HIGHWAY 62 BETWEEN MILE MARKERS 69 AND 103. THESE THUNDERSTORMS WERE MOVING TO THE WEST AND SHOULD BE MOVING INTO THE TWENTYNINE PALMS AREA BETWEEN 215 AND 245 PM. THE THUNDERSTORMS ARE CAPABLE OF PRODUCING BRIEF HEAVY RAINS...LIGHTNING...SMALL HAIL AND GUSTY WINDS TO 45 MPH. PERSONS OUT AND ABOUT AND TRAVELING ON HIGHWAY 62 SHOULD USE CAUTION THROUGH 300 PM DUE TO THESE WEATHER HAZARDS.

\$\$  
CHS

## A.8 NWS San Diego Forecast Office – Forecast Discussions

*NOTE: The long term (3-5 day) forecast discussion has not been included.*

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

FXUS66 KSGX 220401

AFDSGX

### AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE SAN DIEGO CA

900 PM PDT WED MAR 21 2007 [2100 PST]

.SYNOPSIS...

**LOW PRESSURE OVER THE OUTER WATERS WILL DRIFT SOUTH TONIGHT AND SETTLE OFF THE COAST OF BAJA THURSDAY MORNING BEFORE MOVING EAST OVER NORTHERN BAJA FRIDAY. WEAK TO MODERATE OFFSHORE FLOW WILL BRING GUSTY EAST WINDS THROUGH SOME OF THE PASSES AT TIMES. MOUNTAIN AND DESERT THUNDERSTORMS ARE POSSIBLE AS MOISTURE WRAPS AROUND THE UPPER LOW. THE WEEKEND LOOKS WARM AND DRY AS HIGH PRESSURE BUILDS OVER CALIFORNIA.**

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TONIGHT THROUGH FRIDAY)...

A "STORM RAINFALL TOTALS" IS HEADLINED ON OUR WEBPAGE.

(WWW.WRH.NOAA.GOV/SGX) THE PRECIP VARIED GREATLY ACROSS THE REGION RANGING FROM A FEW HUNDREDTHS IN SOME SPOTS TO OVER A HALF INCH IN OTHERS.

TONIGHT IS ONE OF THOSE RARE SITUATIONS WHERE WE CAN USE THE PHRASE..."MOIST NORTHEAST FLOW". BUT IT IS WHAT IT IS. **THE CYCLONIC CIRCULATION AROUND THE CLOSED LOW 300 MILES WEST OF NORTHERN BAJA HAS BROUGHT NORTHEAST OVER Socal.** (CHECK OUT THE 24 HOUR WATER VAPOR LOOP FOR A COOL VISUAL OF THIS CIRCULATION). **RESIDUAL MOISTURE IN THE NE QUADRANT IS BRING SCATTERED LIGHT SHOWERS TO THE HIGH DESERTS AND THE SAN BERNARDINO MOUNTAINS.**

**THE EAST WINDS ALOFT INCREASE LATE TONIGHT AND THERE WILL BE SOME AREAS OF GUSTY "SORTA ANA" WINDS THROUGH THE PASSES. THIS IS NOT YOUR TEXTBOOK OFFSHORE EVENT AND ITS NOT REALLY A SANTA ANA WITHOUT STRONG HIGH PRESSURE OVER THE GREAT BASIN. REGARDLESS OF HOW ITS LABELED...THERE WILL BE BLUSTERY EAST WINDS AT TIMES THROUGH FRIDAY IN THE PASSES DUE TO THE CIRCULATION AROUND THE LOW. LOOKS LIKE IT WILL STAY JUST BELOW ADVISORY LEVELS WITH WINDS FROM 15-30 MPH IN THE PASSES GUSTING AT TIMES TO 40 MPH.**

**THIS SLOW MOVING LOW...CUTOFF FROM THE JET STREAM...WILL SNAIL ITS WAY ACROSS NORTH-CENTRAL BAJA THROUGH FRIDAY. MOISTURE WILL BE JUST CLOSE ENOUGH TO BRING A THREAT OF SHOWERS AND THUNDERSTORMS...WITH BEST CHANCES IN THE SAN DIEGO AND RIVERSIDE COUNTY MTNS AND DESERTS. ZONES WILL BE UPDATED FOR THE SHOWERS MOVING IN FROM THE NORTHEAST TONIGHT.**

&&

.AVIATION...

220300Z...NKX UPPER AIR SOUNDING SHOWS OLDER MARINE INVERSION AROUND 8000 FEET BEGINNING TO FADE AND A NEW ONE FORMING AT 2500 FEET.

SKIES WILL BE PARTLY CLOUDY TONIGHT WITH THE 7000 FT CLOUD DECK.

THEN IT IS POSSIBLE THAT A LOCAL 2000 FT STRATUS DECK WILL FORM NEAR THE COAST LATE TONIGHT WITH EARLY BURNOFF THU MORNING. MOIST ONSHORE FLOW WILL CONTINUE. FOR THURSDAY WRAP AROUND MOISTURE ASSOCIATED WITH UPPER LOW OFF THE COAST OF NORTHERN BAJA WILL KEEP LAYERS TO

STRATOCU AND ALTOCU OVER THE AREA THROUGH THE AFTERNOON. ONLY PATCHY  
MARINE STRATUS ON THE COAST EXPECTED THU NIGHT AS OFFSHORE DEVELOPS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

&&

\$\$

PUBLIC/FIRE WEATHER...MOEDE

AVIATION/MARINE.....MACKECHNIE

NWS ON THE WEB AT [WEATHER.GOV/SANDIEGO](http://WEATHER.GOV/SANDIEGO)

FXUS66 KSGX 221044

AFDSGX

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE SAN DIEGO CA

**345 AM PDT THU MAR 22 2007** [0245 PST]

.SYNOPSIS...

**UPPER LEVEL LOW PRESSURE OFF THE NORTHERN BAJA COAST WILL MOVE SLOWLY INLAND ACROSS NORTHERN AND CENTRAL BAJA TONIGHT AND FRIDAY. MOISTURE WRAPPING BACK WESTWARD IN THE CYCLONIC CIRCULATION ON THE NORTH SIDE OF THE LOW WILL BRING A CHANCE OF SHOWERS AND THUNDERSTORMS...MAINLY ALONG AND EAST OF THE MOUNTAINS...FROM LATE TODAY THROUGH FRIDAY.** CHANCES ARE GREATEST TONIGHT AND OVER SOUTHERN SECTIONS. THERE WILL ALSO BE WEAK TO LOCALLY MODERATE OFFSHORE LOWER LEVEL FLOW AT TIMES THROUGH FRIDAY WITH GUSTY WINDS THROUGH AND BELOW PASSES AND CANYONS. FAIR AND WARMER FOR THE WEEKEND UNDER BUILDING HIGH PRESSURE...BUT WITH AN INCREASING MARINE LAYER WEST OF THE MOUNTAINS BY EARLY NEXT WEEK. FOR NEXT TUESDAY...A FAST MOVING STORM SYSTEM WILL MOVE INLAND ACROSS CALIFORNIA BRINGING COOLING TO SOUTHWEST CALIFORNIA...STRONG GUSTY WINDS IN THE MOUNTAINS AND DESERTS...AND A CHANCE OF SHOWERS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TODAY THROUGH SATURDAY)...

**CLOSED UPPER LOW IS OFF THE NORTHERN BAJA COAST AND APPEARS WELL INITIALIZED BY 06Z GFS/WRF. THIS UPPER LOW WILL MOVE INLAND ACROSS NORTHERN AND CENTRAL BAJA TONIGHT AND FRIDAY AND INTO NORTHWEST MEXICO FRIDAY NIGHT. 06Z MODEL RUNS HAVE TRENDED A LITTLE FARTHER NORTH WITH THE CENTER OF THIS UPPER LOW THROUGH THIS EVENING. THIS WILL BRING SOUTHWEST CALIFORNIA CLOSER TO THE INSTABILITY NEAR THE CENTER OF THE UPPER LOW AND MOISTURE WRAPPING BACK WESTWARD ON THE NORTH SIDE OF THE UPPER LOW FROM LATE TODAY THROUGH TONIGHT. POPS HAVE BEEN INCREASED SLIGHTLY. CHANCES FOR SHOWERS AND THUNDERSTORMS ARE GREATEST FROM LATE THIS AFTERNOON THROUGH TONIGHT ALONG AND EAST OF THE MOUNTAINS AND OVER SAN DIEGO COUNTY. CHANCES WILL DECREASE FRIDAY...BUT MAY LINGER OVER THE SOUTHERN MOUNTAINS THROUGH THE AFTERNOON.** MOST AREAS WILL SEE A STEADY WARMING TREND TODAY AND FRIDAY...ESPECIALLY WEST OF THE MOUNTAINS. THIS WARMING WILL CONTINUE FOR INLAND AREAS FOR SATURDAY AS HIGH PRESSURE ALOFT BUILDS IN FROM THE SOUTHWEST...BUT WARMING WILL REVERSE WEST OF THE MOUNTAINS AS THE MARINE LAYER BEGINS TO RETURN.

&&

.AVIATION...

221040Z...UPPER LEVEL LOW MOVING INTO NORTHERN BAJA EARLY THIS MORNING. THE LOW WILL SLOWLY TREK ACROSS NORTHERN BAJA THROUGH FRI MORNING. MOISTURE WRAPPING AROUND THE LOW IS FORECAST TO SPREAD OVER THE AREA THROUGH FRIDAY MORNING WITH SHOWERS POSSIBLE MAINLY THIS AFTERNOON AND TONIGHT AND THEN IN THE SOUTHEAST PART FRIDAY MORNING. CLOUDS TO 10000 FT MSL WITH A CIRRUS LAYER. LOCAL BASES AT 2000 FT MSL MAINLY WITH SHOWERS. WINDS AT 5K FT...NORTHEAST TO EAST 10-15 KT...BECOMING NORTHWEST 5-10 KT FRI AFTERNOON. WINDS AT 10K FT... NORTHEAST TO EAST 20-30 KT...BECOMING NORTH 15-20 KT FRI AFTERNOON.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

&&

PUBLIC...MARTIN

AVIATION/MARINE...WHITLOW

NWS ON THE WEB AT WEATHER.GOV/SANDIEGO

FXUS66 KSGX 221612

AFDSGX

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE SAN DIEGO CA

900 AM PDT THU MAR 22 2007 [0800 PST]

.SYNOPSIS...

**UPPER LEVEL LOW PRESSURE OFF THE NORTHERN BAJA COAST WILL MOVE SLOWLY INLAND ACROSS NORTHERN AND CENTRAL BAJA TONIGHT AND FRIDAY. MOISTURE WRAPPING AROUND THE NORTH SIDE OF THE LOW WILL BRING A CHANCE OF SHOWERS AND THUNDERSTORMS THROUGH FRIDAY...MAINLY ALONG AND EAST OF THE MOUNTAINS. THERE WILL ALSO BE WEAK TO MODERATE OFFSHORE FLOW THROUGH FRIDAY WITH GUSTY WINDS THROUGH AND BELOW PASSES AND CANYONS. FOR THE WEEKEND...HIGH PRESSURE ALOFT WILL BRING FAIR AND WARMER WEATHER TO THE MOUNTAINS AND DESERTS...WHILE AN DEEPENING MARINE LAYER IS EXPECTED WEST OF THE MOUNTAINS. FOR NEXT TUESDAY...A FAST MOVING STORM SYSTEM WILL MOVE INLAND ACROSS CALIFORNIA BRINGING COOLING TO SOUTHWEST CALIFORNIA...STRONG GUSTY WINDS IN THE MOUNTAINS AND DESERTS...AND A CHANCE OF SHOWERS.**

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TODAY THROUGH SATURDAY)...

**CLOSED LOW DUE SOUTH OF FORECAST AREA TO MOVE SLOWLY EAST ACROSS NORTH CENTRAL BAJA AND NORTHERN GULF OF CALIFORNIA TODAY THROUGH FRIDAY. MAIN WEATHER THREAT IS WRAP AROUND MOISTURE AND INSTABILITY. A BAND OF ALTO CUMULUS CASTELLANUS CLOUDS IS MOVING UP FROM THE SOUTHEAST THIS MORNING. THUNDERSTORMS ARE LIKELY OVER THE MOUNTAINS AND DESERTS BY EARLY AFTERNOON. PRECIPITATION EXPECTED TO BE FAIRLY LIGHT DURING THE DAY WHICH RAISES THREAT OF DRY LIGHTNING CAUSING FIRE STARTS. ANOTHER WEATHER CONCERN TODAY IS STRENGTH OF WIND GUSTS THROUGH CANYONS AND PASSES. PRESSURE GRADIENTS HAVE TRENDED ABOUT 10 MB OFFSHORE IN THE PAST 24 HOURS. UPSTREAM WINDS FROM SOUNDINGS... VAD WIND PROFILES...AND ACARS SHOW NORTHEAST 20-25 KT IN LOWER 10000 FEET. A FEW RAWS SITES ARE REPORTING GUSTS 25-30 MPH...AND GUSTS COULD INCREASE TO 40 MPH BY LATE MORNING...BUT WITH NORTH-SOUTH PRESSURE GRADIENTS WEAKENING RAPIDLY THIS AFTERNOON AS 1022 MB HIGH OVER GREAT BASIN IS KNOCKED DOWN QUICKLY AND TRANSPORT FLOW ACROSS SOUTHWEST CALIFORNIA BECOMING EAST...WIND GUSTS SHOULD DROP BACK DOWN BELOW 35 MPH BY MIDDAY. WILL CONTINUE TO MONITOR BUT FOR NOW DO NOT PLAN ON ISSUING A WIND ADVISORY. AFTER SUNSET COLLAPSING THUNDERSTORM TOPS AND DEBRIS CLOUDS MOVING IN FROM ARIZONA MAY BRING LIGHT WETTING RAINS THAT MAY DRIFT ACROSS MOUNTAINS AND REACH COAST. ON FRIDAY CONVECTIVE ACTIVITY EXPECTED TO BE A LITTLE LESS AND CONFINED TO EAST SLOPES AND DESERTS DUE TO LOW BEING FURTHER EAST WITH NO WRAP AROUND MOISTURE MAKING IT ACROSS MOUNTAINS FRIDAY NIGHT. SATURDAY HIGH PRESSURE RIDGE MOVES OVER THE AREA BUT ONSHORE FLOW WILL END THE WARMING TREND WEST OF THE MOUNTAINS.**

&&

.AVIATION...

221430Z...OFFSHORE FLOW AND NORTHEAST TO EASTERLY FLOW ALOFT OVER THE AREA WILL KEEP THE MARINE LAYER DISRUPTED TODAY. UPPER LOW OFF THE COAST OF NORTHERN BAJA WILL BRING WRAP AROUND MOISTURE ACROSS THE AREA THROUGH THIS EVENING. THIS WILL RESULT IN VARIABLE AMOUNTS OF MID AND HIGH LEVEL MOISTURE OVER THE AREA WITH SCATTERED TO BROKEN ALTOCU AND CIRRUS ABOVE 10000 FEET OVER THE AREA. THE AIR MASS IS SOMEWHAT UNSTABLE AND WITH AFTERNOON SURFACE HEATING THERE COULD BE ISOLATED THUNDERSTORMS ESPECIALLY OVER THE MOUNTAINS THROUGH SUNSET THIS EVENING. THE MARINE LAYER IS NOT EXPECTED TO RECOVER TONIGHT SO AIRPORTS SHOULD REMAIN VFR THROUGH FRIDAY.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...  
CA...NONE.  
PZ...NONE.  
&&  
\$\$  
PUBLIC/FIRE WEATHER...BALFOUR  
AVIATION/MARINE.....HORTON  
NWS ON THE WEB AT WEATHER.GOV/SANDIEGO



FXUS66 KSGX 222046

AFDSGX

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE SAN DIEGO CA

130 PM PDT THU MAR 22 2007 **[1230 PST]**

.SYNOPSIS...

**UPPER LEVEL LOW PRESSURE OFF THE NORTHERN BAJA COAST WILL MOVE SLOWLY INLAND ACROSS NORTHERN AND CENTRAL BAJA CALIFORNIA. MOISTURE WRAPPING AROUND THE NORTH SIDE OF THE LOW WILL BRING A CHANCE OF SHOWERS AND THUNDERSTORMS THROUGH FRIDAY...MAINLY ALONG AND EAST OF THE MOUNTAINS. THERE WILL ALSO BE WEAK TO MODERATE OFFSHORE FLOW THROUGH FRIDAY WITH GUSTY WINDS THROUGH AND BELOW PASSES AND CANYONS. FOR THE WEEKEND...HIGH PRESSURE ALOFT WILL BRING FAIR AND WARMER WEATHER TO THE MOUNTAINS AND DESERTS...WHILE AN DEEPENING MARINE LAYER IS EXPECTED WEST OF THE MOUNTAINS. FOR NEXT TUESDAY...A FAST MOVING STORM SYSTEM WILL MOVE INLAND ACROSS CALIFORNIA BRINGING COOLING TO SOUTHWEST CALIFORNIA...STRONG GUSTY WINDS IN THE MOUNTAINS AND DESERTS...AND A CHANCE OF SHOWERS.**

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TONIGHT THROUGH SATURDAY)...

**CLOSED LOW TO THE SOUTH MOVING SLOWLY EAST ACROSS NORTH CENTRAL BAJA AND NORTHERN GULF OF CALIFORNIA THROUGH FRIDAY. LEADING EDGE OF MOISTURE HAS MOVED WEST ACROSS SAN DIEGO COUNTY AND RIVERSIDE COUNTY MOUNTAINS. AT THE NORTHERN END WHERE IT IS CROSSING CENTRAL SAN BERNARDINO COUNTY...SOME LIGHT RAIN SHOWERS ARE OCCURRING...BUT CLOUD BASES ARE FAIRLY HIGH...8-10K FT...SO ONLY A FEW DROPS EXPECTED TO REACH JOHNSTON/LUCERNE VALLEY FLOORS THIS AFTERNOON. A LINE OF THUNDERSTORMS CURRENTLY NEAR THE COLORADO RIVER VALLEY HAS BEEN MOVING STEADILY WEST NORTHWESTWARD. EXTRAPOLATION BRINGS LEADING EDGE TO EASTERN SAN DIEGO COUNTY/COACHELLA VALLEY BY 1630 PDT/2330 UTC. DRY LIGHTNING AND GUSTY DOWNDRAFT WINDS ARE STILL THE MAIN CONCERNS THROUGH AT LEAST 2000 PDT AS THESE THUNDERSTORMS MOVE EAST ACROSS FORECAST AREA. AFTER THAT TIME COLLAPSING THUNDERSTORM TOPS AND ADDITIONAL MID LEVEL MOISTURE ADVECTION FROM DEBRIS CLOUDS COMING IN FROM SOUTHEAST CALIFORNIA SHOULD PRODUCE LIGHT WETTING RAINS. INCREASING SURFACE HUMIDITY OVERNIGHT SHOULD ALSO RETARD GROWTH OF ANY LIGHTNING STARTED FIRES. SOME OF THE CELLS MAY DRIFT ACROSS THE MOUNTAINS OVERNIGHT AND REACH COAST...SO KEPT MENTION OF CHANCE SHOWERS/THUNDERSTORMS FOR THESE ZONES. ON FRIDAY CONVECTIVE ACTIVITY EXPECTED TO BE A LITTLE LESS AND CONFINED TO EAST SLOPES AND DESERTS DUE TO LOW BEING FURTHER EAST WITH NO WRAP AROUND MOISTURE MAKING IT ACROSS MOUNTAINS FRIDAY NIGHT. SATURDAY HIGH PRESSURE RIDGE MOVES OVER THE AREA BUT ONSHORE FLOW WILL END THE WARMING TREND WEST OF THE MOUNTAINS. THE OTHER WEATHER CONCERN TODAY WAS THE EAST TO NORTHEAST WIND GUSTS. THE WIND GUSTS PEAKED BEFORE NOON WITH A FEW STATIONS REPORTING GUSTS TO 35 MPH. SINCE 1100 PDT THE PRESSURE GRADIENT HAS BEEN DIMINISHING. ASIDE FROM DOWNDRAFT GUSTS FROM THUNDERSTORMS...WIND GUSTS SHOULD REMAIN BELOW 35 MPH THROUGH THE NIGHT.**

&&

.AVIATION...

222010Z...LATE MORNING ACARS SOUNDINGS INDICATE THE MARINE LAYER IS TRYING TO BECOME REESTABLISHED OVER THE AREA. AN ACARS SOUNDING OUT OF KSNV SHOWS AN INVERSION AROUND 1600 FEET MSL WHILE ONE OUT OF KSNV SHOWS AN INVERSION AROUND 1300 FEET. NO SIGNS OF ANY STRATUS DEVELOPMENT AT THIS TIME AND NOT EXPECTING ANY THROUGH TONIGHT ALTHOUGH SOME PATCHY STRATUS MAY FORM BY SUNRISE FRIDAY MORNING. WEAK OFFSHORE FLOW AT THE SURFACE AND A NORTHEAST FLOW ALOFT SHOULD

KEEP VFR CONDITIONS AT ALL AIRPORTS THROUGH THE NIGHT. VARIABLE AMOUNTS IF MID AND HIGH LEVEL ALTOCU AND CIRRUS WITH BASES MOSTLY ABOVE FL080 SHOULD CONTINUE THROUGH THE NIGHT. THIS MOISTURE IS ASSOCIATED WITH WRAP AROUND MOISTURE FROM AN UPPER LOW OVER NORTHERN BAJA THAT IS DRIFTING SLOWLY TO THE EAST. **THUNDERSTORM ACTIVITY OVER WESTERN ARIZONA MAY DRIFT WESTWARD TOWARDS THE DESERT AND MOUNTAIN AREAS BUT THIS ACTIVITY SHOULD DIMINISH AFTER SUNSET.**

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC/FIRE WEATHER...BALFOUR

AVIATION/MARINE.....HORTON

NWS ON THE WEB AT WEATHER.GOV/SANDIEGO

FXUS66 KSGX 230402

AFDSGX

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE SAN DIEGO CA

930 PM PDT THU MAR 22 2007 [2030 PST]

.SYNOPSIS...

**UPPER LEVEL LOW PRESSURE WILL MOVE EAST ACROSS NORTHERN MEXICO THROUGH FRIDAY. MOISTURE WRAPPING AROUND THE NORTH SIDE OF THE LOW WILL BRING ISOLATED SHOWERS AND THUNDERSTORMS TONIGHT...BECOMING CONFINED TO THE MOUNTAINS AND DESERTS FRIDAY. FAIR THIS WEEKEND EXCEPT FOR COASTAL LOW CLOUDS AND FOG IN THE NIGHTS AND MORNINGS...EXTENDING LOCALLY INLAND. UPPER LEVEL LOW PRESSURE WILL BRING MORE CLOUDS AND COOLING TUESDAY WITH A SLIGHT CHANCE OF SHOWERS. FAIR AND WARMER DURING THE SECOND HALF OF NEXT WEEK UNDER HIGH PRESSURE.**

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TONIGHT-SUN)...

**MOISTURE ROTATING AROUND THE N SIDE OF THE UPPER LOW OVER NRN BAJA CAUSED SCATTERED TO ISOLATED SHOWERS AND THUNDERSTORMS EARLIER THIS EVENING...MOSTLY IN THE SRN HALF OF THE CWA. SHOWERS TAPERED OFF LATER IN THE EVENING. THE 00Z NKX SOUNDING HAD A WEAK INVERSION BASED NEAR 1500 FT AND SHOWED THE MID LEVEL MOISTURE IN MODERATELY STRONG NE WINDS ALOFT. WEAK OFFSHORE GRADIENTS FROM THE NE WITH ABOUT -5 MB SAN-TPH. THE CLOSED LOW WILL CONTINUE TO SLOWLY MOVE E INTO NW MEX THROUGH FRI. THIS WILL TEND TO KEEP ANY SHOWER AND THUNDERSTORM ACTIVITY IN THE MOUNTAINS AND DESERTS. HOWEVER...A FEW STORMS COULD STILL MOVE W OF THE MOUNTAINS TONIGHT. THE WINDS ALOFT AND OFFSHORE GRADIENTS COULD CAUSE LOCAL GUSTY WINDS THROUGH AND BELOW MOUNTAIN CANYONS AND PASSES...BUT MOST WINDS ARE EXPECTED TO REMAIN BELOW ADVISORY STRENGTH THROUGH FRI. THE MIX OF CLOUDS AND OFFSHORE FLOW WILL COMPLICATE THE MAX TEMP FORECAST FOR FRI. WARMER IN THE MOUNTAINS...DESERTS AND SAN DIEGO COUNTY BUT A LITTLE COOLER IN ORANGE COUNTY AND INLAND EMPIRE FRI. THE MARINE LAYER WILL RETURN THIS WEEKEND WHICH WILL BRING A LITTLE COOLING W OF THE MOUNTAINS. OTHERWISE...FAIR UNDER HIGH PRESSURE.**

&&

.AVIATION...

230400Z...**CONVECTION HAS ENDED...AND SCATTERED TO BROKEN CONDITIONS WITH BASES AROUND 9-10KFT WERE COMMON. SOUTH TO SOUTHEAST WINDS...MOSTLY FROM THE OUTFLOW FROM EARLIER TSTORMS OVER SAN DIEGO COUNTY AND N BAJA...HAD MOSTLY DISSIPATED...SO WINDS WILL GENERALLY BE LIGHT OVERNIGHT. ONLY ISOLATED STRATUS IS EXPECTED OVERNIGHT...MOST LIKELY IN THE 1500-2000 FOOT RANGE. VFR VSBYS WILL DOMINATE THROUGH FRIDAY...AND MOSTLY MID-LEVEL CLOUDINESS WILL OCCUR FRIDAY.**

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

NONE.

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PUBLIC...DVA

AVIATION...MAXWELL

FXUS66 KSGX 231017

AFDSGX

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE SAN DIEGO CA

320 AM PDT FRI MAR 23 2007 **[0220 PST]**

.SYNOPSIS...

UPPER LEVEL LOW PRESSURE OVER NORTHERN AND CENTRAL BAJA WILL MOVE INTO NORTHWEST MEXICO TONIGHT. MOISTURE WRAPPING AROUND THE UPPER LOW WILL BRING A CHANCE OF SHOWERS AND THUNDERSTORMS TODAY...MAINLY MOUNTAINS EAST AND FAR SOUTHERN SECTIONS (SAN DIEGO COUNTY). HIGH PRESSURE WILL BRING FAIR WEATHER WITH WARMER TEMPERATURES FOR INLAND AREAS. WEST OF THE MOUNTAINS...TEMPERATURES WILL BEGIN TO COOL AS THE MARINE LAYER RETURNS AND SLOWLY DEEPENS. FOR NEXT TUESDAY...A FAST MOVING STORM SYSTEM WILL MOVE INLAND ACROSS CALIFORNIA BRINGING COOLING TO SOUTHWEST CALIFORNIA...STRONG GUSTY WINDS IN THE MOUNTAINS AND DESERTS...AND A CHANCE OF SHOWERS. FAIR AND LITTLE WARMER FOR THE LATTER HALF OF NEXT WEEK UNDER WEAK HIGH PRESSURE.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TODAY THROUGH SUNDAY)...

**UPPER LOW OVER NORTHERN AND CENTRAL BAJA WILL MOVE INTO NORTHWEST MEXICO TONIGHT. SATELLITE IMAGERY SHOWS QUITE A LOT OF MID LEVEL MOISTURE AND CLOUDINESS SPREADING WESTWARD INTO SOUTHWEST CALIFORNIA...BUT RADAR SHOWS LITTLE IF ANY PRECIPITATION...MAYBE A FEW LIGHT SHOWERS AT PRESENT OVER THE SAN DIEGO COUNTY DESERTS.**

SMALL CHANCES FOR SHOWERS AND THUNDERSTORMS THIS MORNING...MAINLY MOUNTAINS EAST AND SAN DIEGO COUNTY. THUNDERSTORM CHANCES WILL CONTINUE THROUGH THE AFTERNOON...MAINLY OVER THE MOUNTAINS. AS THE UPPER LOW MOVES EAST...BUILDING HIGH PRESSURE WILL BRING DRYING...WITH WARMING FOR INLAND AREAS FOR THE WEEKEND. FOR COASTAL AREAS...THE RETURN OF THE MARINE LAYER WILL BRING COOLING WITH GRADUAL DEEPENING OF THE MARINE LAYER SATURDAY THROUGH MONDAY.

&&

.AVIATION...

231015Z...MOISTURE CONTINUES TO MOVE INTO THE AREA BUT MAINLY OVER THE SOUTHERN MOUNTAINS AND LOWER DESERTS WITH SHOWERS AND THUNDERSTORMS POSSIBLE TODAY. MAINLY MID LEVEL CLOUDS AT 10-12K FT WITH SOME LOW CLOUDS AROUND. LOCAL BASES AROUND 700 FT WITH ANOTHER LAYER ABOUT 3K FT MSL. VFR VIS WITH LOCAL MVFR THIS MORNING. SYSTEM WILL MOVE OUT TONIGHT WITH HIGH PRESSURE ALOFT MOVING OVER THROUGH SATURDAY. WINDS AT 5K FT...NORTH 10-15 KT...BECOMING WEST 10-15 KT THIS AFTERNOON... NORTHWEST 10-15 KT SAT MORNING...DECREASING LATE MORNING...THEN WEST 5-10 KT SAT AFTERNOON. WINDS AT 10K FT...NORTHEAST 25-30 KT... BECOMING NORTH 20-25 KT LATE MORNING...THEN NORTH 15-20 KT THIS AFTERNOON...THEN NORTH TO NORTHWEST 10-15 KT SAT MORNING...THEN WEST 10-15 KT SAT AFTERNOON.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC...MARTIN

AVIATION/MARINE...WHITLOW

NWS ON THE WEB AT WEATHER.GOV/SANDIEGO

## A.9 NWS Los Angeles/Oxnard Forecast Office – Forecast Discussions

NOTE: The long term (3-5 day) forecast discussion has not been included.

FXUS66 KLOX 220450  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
950 PM PDT WED MAR 21 2007 [\[2150 PST\]](#)

.SHORT TERM (TONIGHT-SAT)...**CIRCULATION AROUND UPPER LOW CENTERED OFF CENTRAL BAJA WAS BRINGING INTO THE DISTRICT A FEW SHOWERS FROM THE E THIS EVENING. A FEW MORE WERE NOTED OVER THE SBD COUNTY DESERTS WITH A SLIGHT CHANCE OF SHOWERS EXPECTED FOR L.A. COUNTY THE REST OF THE EVENING AND PERHAPS INTO THE EARLY MORNING HOURS.** OTHERWISE...CLEAR TO PARTLY CLOUDY SKIES AS A WHOLE LATE THIS EVENING WILL CONTINUE OVERNIGHT ACROSS THE FORECAST AREA. **OFFSHORE FLOW IS EXPECTED TO INCREASE OVERNIGHT AS WELL...WITH SOME GUSTY NE CANYON WINDS EXPECTED BY MORNING OVER PORTIONS OF VTU AND L.A. COUNTIES. WINDS SHOULD REMAIN GENERALLY BELOW ADVISORY LEVELS AND SHOULD BE STRONGEST IN THE MOUNTAINS.**

**UPPER LOW IS EXPECTED TO MOVE INTO CENTRAL BAJA ON THU THEN MOVE VERY SLOWLY E THRU FRI BEFORE MOVING NE INTO NEW MEX FOR SAT. AN UPPER RIDGE WILL BUILD INTO NORTHERN CA THU THRU FRI THEN MOVE FURTHER S TO CENTRAL CA SAT. A BROAD E-NE FLOW ALOFT WILL PERSIST OVER THE DISTRICT THU THEN TURN MORE NE FRI. AT LOWER LEVELS IT LOOKS LIKE SOME OFFSHORE FLOW WILL PERSIST MAINLY NIGHT AND MORNING HOURS THRU FRI...WITH THE GUSTIEST CANYON WINDS EXPECTED THU MORNING.** THE FLOW SHOULD BE RATHER WEAK FRI NIGHT AND SAT MORNING... WITH INCREASING ONSHORE FLOW SAT AFTERNOON. DRY WEATHER WITH GENERALLY CLEAR SKIES ARE EXPECTED THRU SAT ALTHO THE WRF IS HINTING AT PERHAPS THE RETURN TO SOME MARINE LAYER CLOUDS WITH A WEAK EDDY ALONG THE L.A. COAST FRI NITE INTO SAT MORNING. TEMPS ACROSS MUCH OF THE REGION WILL BE NEAR NORMAL ON THU THEN WARM TO SEVERAL DEGREES ABOVE NORMAL IN MANY AREAS FRI BEFORE COOLING BACK TO SLIGHTLY ABOVE NORMAL SAT. IT LOOKS HI TEMPS OVER PORTIONS OF SLO/SBA COUNTIES AWAY FROM THE COAST WILL BE GENERALLY ABOVE NORMAL DURING THE PERIOD.

.AVIATION...22/0445Z...SKIES WERE GENERALLY CLEAR AT AIRFIELDS N OF PT CONCEPTION AND WILL CONTINUE VFR THRU THU. ELSEWHERE VFR CONDITIONS WILL CONTINUE WITH A FEW CLOUDS TONIGHT...AND THE VFR CONDITIONS SHOULD PERSIST THRU THU. WEAK E WINDS LESS THAN 10 KT WILL BE POSSIBLE LATER TONIGHT INTO THU MORNING FOR KLAX.  
&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
SMALL CRAFT ADVISORY (SEE LAXCWFLOX).  
&&

PUBLIC...SIRARD/SWEET  
AVIATION...SIRARD

WWW.WEATHER.GOV/LOSANGELES

FXUS66 KLOX 220957  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
**300 AM PDT THU MAR 22 2007**      **[0200 PST]**

.SHORT TERM (TODAY THROUGH SATURDAY)...

**UPPER LOW CURRENTLY SPINNING SOUTH OF THE AREA CONTINUES TO BRING SOME MINOR...BUT INTERESTING...WEATHER TO THE AREA THIS MORNING. LATEST SATELLITE/RADAR/SURFACE OBS INDICATE PARTLY CLOUDY SKIES WITH SOME ISOLATED SHOWERS ACROSS THE ANTELOPE VALLEY AND INTERIOR MOUNTAIN SLOPES. OVERALL...THIS ACTIVITY WILL NOT AMOUNT TO MUCH. WILL MAKE LAST MINUTE ADJUSTMENTS TO ZONES TO HANDLE SKY COVER AND POPS FOR THIS MORNING. ALSO...THE UPPER LOW HAS HELPED TO PRODUCE SOME GUSTY NORTH TO NORTHEAST WINDS ACROSS THE AREA THIS MORNING... ESPECIALLY SOUTHERN SBA COUNTY. ISSUED WIND ADVISORY UNTIL 900 AM EARLIER FOR ZONES 39/52 AS MONTECITO WAS REPORTING SUSTAINED WINDS/GUSTS EXCEEDED ADVISORY THRESHOLDS. EXPECT THESE WINDS TO DIE OFF LATER THIS MORNING. FOR OTHER AREAS...DO NOT ANTICIPATE WIDESPREAD ADVISORY LEVEL WINDS THIS MORNING. TEMPS TODAY SHOULD BE SEVERAL DEGREES WARMER WITH MORE SUN/WEAK OFFSHORE GRADIENTS AND WARMER BOUNDARY LAYER.**

FOR TONIGHT/FRIDAY...OFFSHORE FLOW WILL WEAKEN TONIGHT WITH THE GRADIENTS RETURNING ONSHORE BY FRIDAY AFTERNOON. PER 00Z MODELS BOUNDARY LAYER TEMPS CHANGE LITTLE ON FRIDAY...ALTHOUGH THICKNESSES INCREASE SOMEWHAT. MOS NUMBERS FOR BOTH GFS/WRF INDICATE SEVERAL DEGREES OF WARMING FRIDAY AFTERNOON. HOWEVER...WITH LITTLE CHANGE IN BOUNDARY LAYER TEMPS...WEAKER OFFSHORE GRADIENTS TONIGHT AND STRONGER ONSHORE GRADIENTS FRIDAY...WOULD NOT EXPECT ANY NOTICEABLE WARMING. SO...HAVE GONE AGAINST THE MOS TRENDS AND INDICATED SLIGHTLY COOLER TEMPS FOR COASTAL/VALLEY AREAS FRIDAY AFTERNOON.

.AVIATION...

22/0445Z

SKIES WERE GENERALLY CLEAR AT AIRFIELDS N OF PT CONCEPTION AND WILL CONTINUE VFR THRU THU. ELSEWHERE VFR CONDITIONS WILL CONTINUE WITH A FEW CLOUDS TONIGHT...AND THE VFR CONDITIONS SHOULD PERSIST THRU THU. WEAK E WINDS LESS THAN 10 KT WILL BE POSSIBLE LATER TONIGHT INTO THU MORNING FOR KLAX.

&&

.LOX WATCHES/WARNINGS/ADVISORIES...

WIND ADVISORY (SEE LAXNPWLOX).

SMALL CRAFT ADVISORY (SEE LAXCWFLOX).

&&

FXUS66 KLOX 221127 AAA  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION...UPDATED AVIATION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
427 AM PDT THU MAR 22 2007 [\[0327 PST\]](#)

.SHORT TERM (TODAY THROUGH SATURDAY)...

**UPPER LOW CURRENTLY SPINNING SOUTH OF THE AREA CONTINUES TO BRING SOME MINOR...BUT INTERESTING...WEATHER TO THE AREA THIS MORNING. LATEST SATELLITE/RADAR/SURFACE OBS INDICATE PARTLY CLOUDY SKIES WITH SOME ISOLATED SHOWERS ACROSS THE ANTELOPE VALLEY AND INTERIOR MOUNTAIN SLOPES. OVERALL...THIS ACTIVITY WILL NOT AMOUNT TO MUCH. WILL MAKE LAST MINUTE ADJUSTMENTS TO ZONES TO HANDLE SKY COVER AND POPS FOR THIS MORNING. ALSO...THE UPPER LOW HAS HELPED TO PRODUCE SOME GUSTY NORTH TO NORTHEAST WINDS ACROSS THE AREA THIS MORNING...ESPECIALLY SOUTHERN SBA COUNTY. ISSUED WIND ADVISORY UNTIL 900 AM EARLIER FOR ZONES 39/52 AS MONTECITO WAS REPORTING SUSTAINED WINDS/GUSTS EXCEEDED ADVISORY THRESHOLDS. EXPECT THESE WINDS TO DIE OFF LATER THIS MORNING. FOR OTHER AREAS...DO NOT ANTICIPATE WIDESPREAD ADVISORY LEVEL WINDS THIS MORNING. TEMPS TODAY SHOULD BE SEVERAL DEGREES WARMER WITH MORE SUN/WEAK OFFSHORE GRADIENTS AND WARMER BOUNDARY LAYER.**

FOR TONIGHT/FRIDAY...OFFSHORE FLOW WILL WEAKEN TONIGHT WITH THE GRADIENTS RETURNING ONSHORE BY FRIDAY AFTERNOON. PER 00Z MODELS BOUNDARY LAYER TEMPS CHANGE LITTLE ON FRIDAY...ALTHOUGH THICKNESSES INCREASE SOMEWHAT. MOS NUMBERS FOR BOTH GFS/WRF INDICATE SEVERAL DEGREES OF WARMING FRIDAY AFTERNOON. HOWEVER...WITH LITTLE CHANGE IN BOUNDARY LAYER TEMPS...WEAKER OFFSHORE GRADIENTS TONIGHT AND STRONGER ONSHORE GRADIENTS FRIDAY...WOULD NOT EXPECT ANY NOTICEABLE WARMING. SO...HAVE GONE AGAINST THE MOS TRENDS AND INDICATED SLIGHTLY COOLER TEMPS FOR COASTAL/VALLEY AREAS FRIDAY AFTERNOON.

.AVIATION...22/1127Z...VFR CONDITIONS AND GENERALLY LIGHT WINDS WILL PERSIST OVER THE AREA TODAY INCLUDING KLAX AND KBUR. **OFFSHORE WINDS HAVE POPPED UP THIS MORNING. LOW LEVEL WIND SHEAR ISSUES AND MODERATE UPDRAFTS AND DOWNDRAFTS COULD OCCUR AT KSBA THIS MORNING THROUGH 16Z.**

&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
WIND ADVISORY (SEE LAXNPWLOX).  
SMALL CRAFT ADVISORY (SEE LAXCWFLOX).  
&&

PUBLIC...THOMPSON  
AVIATION...HALL

WWW.WEATHER.GOV/LOSANGELES

WWUS76 KLOX 221602  
NPWLOX

**URGENT - WEATHER MESSAGE**

NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
902 AM PDT THU MAR 22 2007 **[0802 PST]**

**...WIND ADVISORIES REMAIN IN EFFECT FOR THE MOUNTAINS OF VENTURA  
AND LOS ANGELES COUNTIES...**

**.NORTH WINDS HAVE DIMINISHED ACROSS SANTA BARBARA COUNTY THIS  
MORNING...HOWEVER GUSTY NORTHEAST WINDS CONTINUE ACROSS THE  
MOUNTAINS OF VENTURA AND LOS ANGELES COUNTIES. WINDS THERE WILL  
CONTINUE THROUGH EARLY AFTERNOON THEN DIMINISH BY THIS EVENING.**

CAZ039-221715-  
/O.EXP.KLOX.WI.Y.0089.000000T0000Z-070322T1600Z/

SANTA BARBARA COUNTY SOUTH COAST-  
902 AM PDT THU MAR 22 2007

...WIND ADVISORY WILL EXPIRE AT 9 AM PDT THIS MORNING...  
THE WIND ADVISORY WILL EXPIRE AT 9 AM PDT THIS MORNING.  
NORTHERLY WINDS BELOW PASSES AND CANYONS HAVE DECREASED TO BELOW  
30 MPH.  
\$\$

CAZ052-221715-  
/O.EXP.KLOX.WI.Y.0089.000000T0000Z-070322T1600Z/

SANTA BARBARA COUNTY MOUNTAINS-  
902 AM PDT THU MAR 22 2007

...WIND ADVISORY WILL EXPIRE AT 9 AM PDT THIS MORNING...  
THE WIND ADVISORY WILL EXPIRE AT 9 AM PDT THIS MORNING.  
NORTHERLY WINDS THROUGH AND BELOW PASSES AND CANYONS HAVE  
DECREASED TO BELOW 30 MPH.  
\$\$

CAZ046-053-054-222100-  
/O.CON.KLOX.WI.Y.0089.000000T0000Z-070322T2100Z/

**SANTA MONICA MOUNTAINS RECREATIONAL AREA-VENTURA COUNTY MOUNTAINS-  
LOS ANGELES COUNTY MOUNTAINS EXCLUDING THE SANTA MONICA RANGE-  
902 AM PDT THU MAR 22 2007**

**...WIND ADVISORY REMAINS IN EFFECT UNTIL 2 PM PDT THIS AFTERNOON...  
A WIND ADVISORY REMAINS IN EFFECT UNTIL 2 PM PDT THIS AFTERNOON.  
AREAS OF NORTHWEST TO WINDS OF 30 TO 40 MPH WITH ISOLATED GUSTS  
TO 55 MPH WILL AFFECT THE MOUNTAINS OF VENTURA AND LOS ANGELES  
COUNTIES...INCLUDING THE SANTA MONICA RANGE THROUGH EARLY  
AFTERNOON. THE STRONGEST WINDS WILL OCCUR NEAR THE INTERSTATE 5  
CORRIDOR AND THROUGH AND BELOW PASSES AND CANYONS OF THE SANTA  
MONICA RANGE.  
\$\$  
WOFFORD**



FXUS66 KLOX 221625  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
**925 AM PDT THU MAR 22 2007**      **[0825 PST]**

.SHORT TERM (TODAY-SAT)...**NORTHEAST WINDS HAVE DEVELOPED ACROSS THE AREA TODAY IN THE WAKE OF THE WEATHER SYSTEM PASSAGE LAST NIGHT. MOSTLY BELOW ADVISORY LEVELS NOW BUT THERE ARE SOME ISOLATED GUSTS IN THE MOUNTAINS ABOVE 50 MPH SO WE DO HAVE AN ADVISORY OUT FOR THOSE AREAS UNTIL EARLY AFTERNOON.**

OTHERWISE, IT SHOULD BE A VERY NICE DAY ACROSS THE AREA, FREE OF CLOUDS WITH HIGHS RECOVERING TO NEAR NORMALS.

OVER THE NEXT 24-48 HOURS ONSHORE GRADIENTS WILL BE RETURNING, AND LIKELY THE MARINE LWR AS WELL. THE NAM ALREADY SHOWS LOW CLOUDS RETURNING AS EARLY AS TONIGHT ACROSS THE SOUTHERN PORTION OF OUR FORECAST AREA. THIS SEEMS A BIT QUICK AS IT WILL TAKE SOME TIME FOR THE INVERSION TO REFORM STRONG ENOUGH TO SUPPORT A SOLID LOW CLOUD DECK. WILL SEE HOW THINGS ARE GOING THIS AFTERNOON AND ADJUST ACCORDINGLY.

.AVIATION...  
21/2310

MOST AIRFIELDS WILL CONTINUE TO SEE CIGS THROUGH THIS EVENING...WITH CLEARING OVERNIGHT. OFFSHORE FLOW WILL SET UP BY THE MORNING...WHICH MIGHT ACTUALLY BRING SOME WRAP AROUND MOISTURE ON THU....BUT THIS SHOULD ONLY RESULT IN SOME MID LEVEL CLOUDS.

KLAX WILL CONTINUE TO SEE SCT-BKN CLOUDS THROUGH EARLY THIS EVENING...WITH CLEARING EXPECT OVERNIGHT. WESTERLY WIND SHOULD CONTINUE THROUGH ABOUT 04Z-05Z. NO STRATUS EXPECTED.

KBUR WILL CONTINUE TO SEE SCT-BKN CLOUDS THROUGH EARLY THIS EVENING...WITH SOME CLEARING EXPECT OVERNIGHT. LIGHT WINDS WILL CONTINUE THROUGH TONIGHT...WITH SOME NE WINDS NEAR 10 KT FORMING BY LATE THU MORNING.

&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
WIND ADVISORY (SEE LAXNPWLOX).  
SMALL CRAFT ADVISORY (SEE LAXCWFLOX).  
&&

FXUS66 KLOX 221750  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
**1050 AM PDT THU MAR 22 2007**      **[0950 PST]**

NEW AVIATION DISCUSSION

.SHORT TERM (TODAY-SAT)...**NORTHEAST WINDS HAVE DEVELOPED ACROSS THE AREA TODAY IN THE WAKE OF THE WEATHER SYSTEM PASSAGE LAST NIGHT. MOSTLY BELOW ADVISORY LEVELS NOW BUT THERE ARE SOME ISOLATED GUSTS IN THE MOUNTAINS ABOVE 50 MPH SO WE DO HAVE AN ADVISORY OUT FOR THOSE AREAS UNTIL EARLY AFTERNOON.**

OTHERWISE, IT SHOULD BE A VERY NICE DAY ACROSS THE AREA, FREE OF CLOUDS WITH HIGHS RECOVERING TO NEAR NORMALS.

OVER THE NEXT 24-48 HOURS ONSHORE GRADIENTS WILL BE RETURNING, AND LIKELY THE MARINE LAYER AS WELL. THE NAM ALREADY SHOWS LOW CLOUDS RETURNING AS EARLY AS TONIGHT ACROSS THE SOUTHERN PORTION OF OUR FORECAST AREA. THIS SEEMS A BIT QUICK AS IT WILL TAKE SOME TIME FOR THE INVERSION TO REFORM STRONG ENOUGH TO SUPPORT A SOLID LOW CLOUD DECK. WILL SEE HOW THINGS ARE GOING THIS AFTERNOON AND ADJUST ACCORDINGLY.

.AVIATION...  
22/1750Z

MOST, IF NOT ALL, AIRFIELDS WILL HAVE CLEAR SKIES AND UNRESTRICTED VISIBILITIES TODAY. **KPMD AND KWJF MAY HAVE LOCALLY GUSTY NORTHEAST WINDS THROUGH THE AFTERNOON HOURS. LOCALLY GUSTY NORTH WINDS MAY AFFECT KVNJ FOR A TIME TODAY.** ELSEWHERE...NO REAL AVIATION CONCERNS ARE EXPECTED TODAY. THE MODELS ARE HINTING AT THE RETURN OF A MARINE LAYER LATER TONIGHT...HOWEVER SUCH AN EARLY RETURN OF LOW CLOUDS SEEMS UNLIKELY AT THIS POINT IN TIME DUE TO ANY LACK OF A MARINE TEMPERATURE INVERSION.

&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
WIND ADVISORY (SEE LAXNPWLOX).  
SMALL CRAFT ADVISORY (SEE LAXCWFLOX).

&&

PUBLIC...WOFFORD  
AVIATION...SWEET

WWW.WEATHER.GOV/LOSANGELES

FXUS66 KLOX 222021  
AFDLOX

**SOUTHWEST CALIFORNIA AREA FORECAST DISCUSSION**  
NATIONAL WEATHER SERVICE LOS ANGELES/OXNARD CA  
**120 PM PDT THU MAR 22 2007**      **[1220 PST]**

.SHORT TERM (TODAY-SUN)...**PRETTY GOOD WARMUP TODAY AS OFFSHORE INFLUENCE ENDED UP BEING A LITTLE STRONGER THAN EXPECTED. UPPER LOW SPINNING SOUTH OF THE BORDER IS SPREADING THUNDERSTORMS UP THE CO RIVER VALLEY THIS AFTERNOON. SOME OF THIS MOISTURE WILL LIKELY SPREAD INTO OUR AREA FROM THE EAST IN THE FORM OF AC CLOUDS THIS AFTERNOON AND EVENING BUT WE EXPECT ANY SHOWER ACTIVITY TO REMAIN EAST OF OUR AREA.**

ANOTHER QUESTION TONIGHT AND FRI WILL BE HOW MUCH MARINE LWR WILL DEVELOP? 18Z NAM SPINS UP AN EDDY TONIGHT AND BRINGS LOW CLOUDS AT LEAST AS FAR NORTH AS LA COUNTY. CURRENT SAT IMAGERY ALONG WITH THE DEVELOPMENT OF WEAK TO MODERATE OFFSHORE WINDS SEEM TO ARGUE AGAINST THE MARINE LWR THEORY TONIGHT. FOR NOW WILL LEAVE THE FORECAST CLEAR OR PARTLY CLOUDY FOR TONIGHT AND FRIDAY WITH LOW CLOUDS INCREASING OFFSHORE DURING FRI AFTERNOON AND SPREADING ONSHORE DURING THE EVENING AND OVERNIGHT HOURS.

AFTER A VERY PLEASANT AND UNEXPECTEDLY WARM DAY TODAY, I EXPECT TEMPERATURES ON FRIDAY WILL COOL OFF WEST OF THE MOUNTAINS, ESPECIALLY NEAR THE COAST. MTNS AND DESERTS WILL BE ABOUT THE SAME OR PERHAPS A LITTLE WARMER. WITH GRADIENTS TRENDING STRONGLY ONSHORE WINDS SHOULD GENERALLY BE LIGHT WITH AN EARLIER AND STRONGER ONSET OF THE SEA BREEZE THAN TODAY.

.AVIATION...  
22/1800Z

MOST, IF NOT ALL, AIRFIELDS WILL HAVE CLEAR SKIES AND UNRESTRICTED VISIBILITIES TODAY. **KPMD AND KWJF MAY HAVE LOCALLY GUSTY NORTHEAST WINDS THROUGH THE AFTERNOON HOURS. LOCALLY GUSTY NORTH WINDS MAY AFFECT KVNK FOR A TIME TODAY. ELSEWHERE...**NO REAL AVIATION CONCERNS ARE EXPECTED TODAY. THE MODELS ARE HINTING AT THE RETURN OF A MARINE LAYER LATER TONIGHT...HOWEVER SUCH AN EARLY RETURN OF LOW CLOUDS SEEMS UNLIKELY AT THIS POINT IN TIME DUE TO ANY LACK OF A MARINE TEMPERATURE INVERSION.  
&&

.LOX WATCHES/WARNINGS/ADVISORIES...  
SMALL CRAFT ADVISORY (SEE LAXCWFLOX).  
&&

PUBLIC...WOFFORD  
AVIATION...SWEET

WWW.WEATHER.GOV/LOSANGELES

## A.10 NWS Phoenix Forecast Office – Forecast Discussions

*NOTE: The long term (3-5 day) forecast discussion has not been included.*

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

FXUS65 KPSR 220413

AFDPSR

AZZ020>028-CAZ030>033-221200-

### AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE PHOENIX AZ

910 PM MST WED MAR 21 2007 [2010 PST]

.SYNOPSIS...

A STRONG PACIFIC LOW PRESSURE SYSTEM WILL DRIFT SLOWLY TOWARD THE SOUTH ALONG THE CALIFORNIA COAST TONIGHT...BE JUST OFF THE NORTHERN BAJA CALIFORNIA COAST ON THURSDAY...THEN MOVE VERY SLOWLY EAST ACROSS NORTHWEST MEXICO FRIDAY INTO SATURDAY. THIS STORM SYSTEM WILL BRING INCREASING CLOUDINESS...COOLER DAYTIME HIGHS...AND PERIODS OF SHOWERS AND THUNDERSTORMS THURSDAY THROUGH SATURDAY...WITH THE BEST CHANCE FOR PRECIPITATION OVER SOUTH-CENTRAL ARIZONA. HIGHER PRESSURE ALOFT FROM THE PACIFIC WILL BRING DRY WEATHER WITH SOME RECOVERY OF TEMPERATURES SUNDAY AND MONDAY. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.

&&

.SHORT TERM...

TONIGHT THROUGH SATURDAY...

CLOSED CUT OFF UPPER LOW IS...AS OF THIS EVENING...JUST OFF THE EXTREME NORTHERN COAST OF BAJA. IT CONTINUES TO SPREAD A LARGE MID/HI CLDS SHIELD UP OVER MUCH OF EASTERN AZ WITH ITS BACK EDGE OVER SOUTH CENTRAL AZ. THE UPPER LOW IS EXPECTED TO CONTINUE TO SLOWLY MOVE S TONIGHT KEEPING THIS CLOUD SHIELD ABOUT WHERE IT IS OR MOVING IT SLOWLY EAST. THERE IS ALSO REMAINS A SLIGHT CHANCE OF SHOWERS MAY FALL FROM IT TOO DURING THE NIGHT...OR AT LEAST HAVE VIRGA PRESENT RESULTING IN PERIODS OF GUSTY WINDS. THIS EVENING'S NAM IS SIMILIAR TO THE PREVIOUS GFS AS IT KEEPS THE UPPER LOW MOVING VERY SLOWLY S DOWN THE BAJA COAST BEFORE TURNING IT E ACROSS CENTRAL BAJA BY EARLY FRI...THEN UP INTO SE AZ SAT. BUT AS IT MOVES S...MOISTURE WILL CONTINUE TO WRAP AROUND THE LOW AND SPREAD ACROSS OUR REGION THURS/FRI. MODELS SHOW INCREASING 700/500 MB MOSITURE THURS/THURS NIGHT ALONG WITH INCREASING INSTABILITY...AS LIFTED INDEXS BECOME NEGATIVE ON THURS WITH THE GREATEST INSTABILITY COMING THURS NIGHT INTO EARLY FRI. THIS WILL BRING INCREASING CHANCES FOR SHOWERS AND THUNDERSTORMS. MOISTURE WILL STILL REMAIN OVER SOUTH CENTRAL AZ SAT FOR CHANCE OF SHOWERS AS THE UPPER LOW MOVES INTO SE AZ...BUT THE CHANCE OF SHOWERS WILL DECREASE RAPIDLY WELL W OF THE LOW OVER SW AZ SE CA FRI NIGHT/SAT AS NORTHERLY FLOW ON THE BACK SIDE OF THE LOW WILL BEGIN TO BRING IN SOME DRIER AIR TO THAT REGION. WITH THE INCREASE IN CLOUDS THURS...TEMPS WILL BE A BIT COOLER...WITH LITTLE CHANGE FRI. THEN COOLER SAT OVER SOUTH CENTRAL AS THE LOW WILL BE IN THE VICINITY...BUT WILL BEGIN TO WARM OVER SW AZ SE CA AS DRIER AIR BEGINS TO FILTER IN. THE CIRCULATION AROUND THE UPPER LOW WILL BRING SOME EASTERLY BREEZES TO OUR REGION THE NEXT COUPLE DAYS.

&&

.AVIATION...

IMPRESSIVE MID/HI LEVEL MOISTURE PLUME OVER SERN AZ WITH BACK EDGE

OVER SOUTH CENTRAL AZ WILL CONTINUE THROUGH TONIGHT INTO EARLY THURS  
OR MAY SHIFT SLOWLY TO THE E. FEW SHOWERS/VIRGA MAY DEVELOP OVER S  
CENTRAL AZ OVERNIGHT...WHICH MAY CAUSE BRIEF GUSTY WINDS. SW AZ SE  
CA TO HAVE MNLY SCT MID/HI CLDS EARLY ON WITH MID LEVEL MOISTURE  
INCREASING NEAR AND AFTER SUNRISE. PRECIPITATION CHANCES WILL  
INCREASE STEADILY FROM EAST TO WEST DURING THE DAY THURSDAY.

SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL  
FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

EXPECT PERIODS OF WETTING RAINFALL OVER MUCH OF THE FORECAST AREA  
THURSDAY THROUGH SATURDAY...MAINLY OVER THE EASTERN ZONES...WITH  
HEAVIEST PRECIPITATION LIKELY OVER AZZ133 FRIDAY AFTN-SAT AM. DRY  
CONDITIONS WILL RETURN TO THE WESTERN PORTION OF THE REGION BY  
SATURDAY...AND TO THE REMAINDER OF THE FORECAST AREA BY SUNDAY. BY  
EARLY NEXT WEEK (MONDAY NIGHT THROUGH TUESDAY)...AN INTENSE LOW  
PRESSURE SYSTEM WILL SWING THROUGH THE INTERMOUNTAIN WEST...  
GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS  
WILL BE LIKELY OVER FAR SOUTHEAST CALIFORNIA BY TUESDAY...AND IF RH  
IS LOW ENOUGH AND FUEL MOISTURE REMAINS LOW...A CRITICAL FIRE  
WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED  
TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND DISCUSSIONS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT  
WEATHER.GOV/PHOENIX  
DKS/17/ROGERS

FXUS65 KPSR 221009

AFDPSR

AZZ020>028-CAZ030>033-221800-

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE PHOENIX AZ

**305 AM MST THU MAR 22 2007** [0205 PST]

.SYNOPSIS...

**A STRONG PACIFIC LOW PRESSURE SYSTEM WILL LINGER JUST OFF THE NORTHERN BAJA CALIFORNIA COAST TODAY...THEN MOVE VERY SLOWLY EAST ACROSS NORTHWEST MEXICO FRIDAY INTO SATURDAY. THIS STORM SYSTEM WILL BRING INCREASING CLOUDINESS...COOLER DAYTIME HIGHS...AND PERIODS OF SHOWERS AND THUNDERSTORMS TODAY THROUGH SATURDAY...WITH THE BEST CHANCE FOR PRECIPITATION OVER SOUTH-CENTRAL ARIZONA. HIGHER PRESSURE ALOFT FROM THE PACIFIC WILL BRING DRY WEATHER WITH SOME RECOVERY OF TEMPERATURES SUNDAY AND MONDAY. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.**

&&

.SHORT TERM...

TODAY THROUGH SATURDAY...

**A RATHER VIGOROUS CLOSED UPPER LEVEL LOW PRESSURE SYSTEM CONTINUED TO DROP SLOWLY SOUTHWARD...WITH THE LOW CENTER OFF NRN BAJA AND JUST SOUTHEAST OF 120W 30N AT 08Z. IR IMAGERY SHOWED QUITE A BIT OF LOW/MID LEVEL CLOUDINESS CIRCULATING AROUND THE LOW CENTER...AND A NICE SUBTROPICAL TAP HAS BEEN ESTABLISHED AS WELL...SO THERE SHOULD BE GOOD MOISTURE AVAILABILITY WITH THIS LOW. IR IMAGERY ALSO SHOWED A VERY IMPRESSIVE PLUME OF MOISTURE ROTATING AROUND THE LOW AND INTO ERN AZ AND NWRN MEXICO. MUCH OF THIS IS ASSOCIATED WITH AN UPPER JET THAT WILL BE SHIFTING EAST OF OUR AREA THIS MORNING...AND TAKING MUCH OF THE MID/HI CLOUDS WITH IT. STILL...QUITE A BIT OF LOWER LEVEL RH WILL WRAP AROUND THE LOW AND INTO OUR CWA TODAY. RADAR EARLY THIS MORNING SHOWED SCT SHOWERS EAST OF PHOENIX...AND THERE HAVE BEEN SOME LIGHTING STRIKES ACROSS ERN AZ OVERNIGHT AS WELL...SO THERE IS MODEST INSTABILITY IN THE ATMOSPHERE...AND THIS INSTABILITY WILL BE A CHARACTERISTIC OF THE AIRMASS FOR THE NEXT FEW DAYS. ALSO...SURFACE DEWPOINTS ARE UP SUBSTANTIALLY THIS MORNING...AND ARE IN THE MID 40S TO LOW 50S OVER THE ERN CWA...AND INTO THE UPPER 30S OVER THE WESTERN DESERTS.**

**OVER THE NEXT 48 HOURS OR SO THE LOW IS FORECAST BY THE NAM AND GFS TO SLOWLY MOVE EAST AND INTO THE NRN GULF OF CA BY FRI AFTERNOON. ALTHOUGH THE UPPER LOW WILL INITIALLY TRACK TO OUR SOUTH...AND THE STRONGEST Q CONVERGENCE BULLSEYE AND SYNOPTIC LIFT WILL STAY SOUTH OF OUR CWA AS WELL...THERE WILL BE PERIODIC IMPULSES ROTATING AROUND THE LOW PROVIDING UVV TO AN ATMOSPHERE THAT WILL BE QUITE MOIST AND RATHER UNSTABLE AS WELL. ALSO...FOR THE NEXT COUPLE OF DAYS MUCH OF OUR CWA WILL BE IN THE NERN QUAD OF THE UPPER LOW...IN A FAVORED DIFLUENT REGION. THUS...WE WILL BE SEEING A MOIST AND UNSETTLED PERIOD COMING UP FOR THE NEXT 2 TO 3 DAYS...ESPECIALLY OUR SOUTH-CENTRAL DESERTS AND THE HIGHER TERRAIN OF ZONE 24. EXACT TIMING AND TRACK OF CLOSED LOW REMAIN A BIT UNCERTAIN SO THERE WILL BE SOME BROAD BRUSHING OF THE PRECIP FORECAST...BUT GENERALLY THERE WILL BE CHANCE POPS FROM THE CO RIVER EAST TODAY THRU FRIDAY...WITH SLIGHT CHANCES IN SERN CA. ONE OF THE FAVORED PERIODS FOR PRECIP APPEAR TO BE TONIGHT...AS A SHORT WAVE ROTATES AROUND THE LOW AND UVVS REALLY INCREASE...AND MOS NUMBERS REFLECT THIS NICELY. HIGHEST POPS IN THE NEXT 3 DAYS FROM THE MAV GUIDANCE ARE FOR TONIGHT...WITH 78 PERCENT FORECAST FOR PHOENIX AND 52 PERCENT FOR YUMA.**

**FRIDAY NIGHT THRU SATURDAY...GFS TRACKS THE LOW NEWD INTO WRN NEW MEXICO...AND THERE WILL BE QUITE A BIT OF WRAP AROUND MOISTURE FORECAST FOR OUR ERN ZONES...EVEN THO SYNOPTIC SCALE LIFT STARTS TO**

DIMINISH. AS A RESULT...WE WILL CARRY LIKELY POPS IN ZONE 24...WITH 40-50 PCT IN THE PHOENIX AREA. OVERALL DURING THE NEXT 3 DAYS THERE IS THE POTENTIAL FOR SOME DECENT RAINFALL OVER THE DESERTS ...INCLUDING THE WESTERN AZ AND SERN CA DESERTS. HEAVIEST RAINFALL WILL LIKELY BE IN THE SOUTH-CENTRAL DESERTS AND OVER ZONE 24...AND IT IS POSSIBLE SOME AREAS COULD SEE OVER ONE HALF INCH OF STORM TOTAL RAINFALL. PARTS OF THE HIGHER TERRAIN IN ZONE 24 MIGHT EVEN EXCEED ONE INCH...ESPECIALLY IF SIGNIFICANT WRAP AROUND MOISTURE INDEED MATERIALIZES. SINCE THE AIRMASS WILL BECOME UNSTABLE...AND THUNDERSTORMS ARE EXPECTED ALONG WITH THE SHOWERS...THERE IS THE POTENTIAL FOR BRIEF HEAVY RAINS WITH ANY STORMS THAT OCCUR.

&&

.AVIATION...

**STRONG UPPER LEVEL LOW CONTINUES TO SLOWLY DIG SOUTH AND SPIN JUST OFF THE NRN BAJA COAST...WITH MID/HI LEVEL CLOUD DECKS FORMING OVER SE CA AND SW AZ...AND MID LEVEL MOISTURE INCREASING AFTER SUNRISE. PRECIP AND THUNDERSTORM POTENTIAL WILL BE CONFINED TO THE HYR TRRN E-SE OF KPHX THIS MORNING...AND WILL EVENTUALLY SPREAD WESTWARD INTO THE DESERTS...NEAR KPHX AND SATELLITE AIRPORTS DURING THE DAY. SINCE SUB-CLOUD LAYERS ARE STILL RELATIVELY DRY...SOME STORM CELLS MAY PRODUCE STRONG OUTFLOW/WIND GUSTS OF 30-40KTS...AND REDUCE VISIBILITIES FOR PERIODS OF TIME TO LESS THAN 2SM IN BLDU.**

SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

EXPECT PERIODS OF WETTING RAINFALL OVER MUCH OF THE FORECAST AREA THURSDAY THROUGH SATURDAY...MAINLY OVER THE EASTERN ZONES...WITH THE HEAVIEST PRECIPITATION LIKELY OVER SOUTHERN GILA COUNTY AND THE RIM FRI AFTERNOON INTO SAT MORNING. DRY CONDITIONS RETURN TO THE WESTERN PORTION OF THE REGION BY SATURDAY AND THE REMAINDER OF THE FORECAST AREA BY SUNDAY. EARLY NEXT WEEK (MON NIGHT THROUGH TUE)...AN INTENSE LOW PRESSURE SYSTEM WILL SWING THROUGH THE GREAT BASIN AND NORTHERN AZ GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS WILL BE LIKELY...AND IF HUMIDITIES AND FUEL MOISTURES REMAIN LOW...A CRITICAL FIRE WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND DISCUSSIONS.

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.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT WEATHER.GOV/PHOENIX

11/17/MEYERS

FXUS65 KPSR 221645

AFDPSR

AZZ020>028-CAZ030>033-230000-

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE PHOENIX AZ

**945 AM MST THU MAR 22 2007** [0845 PST]

.SYNOPSIS...

**A STRONG PACIFIC LOW PRESSURE SYSTEM WAS LOCATED JUST OFF THE NORTHERN BAJA CALIFORNIA COAST THIS MORNING. IT WILL MOVE VERY SLOWLY EAST ACROSS NORTHERN MEXICO FRIDAY INTO SATURDAY. THIS STORM SYSTEM WILL BRING INCREASING CLOUDINESS...COOLER DAYTIME HIGHS...AND PERIODS OF SHOWERS AND THUNDERSTORMS TODAY THROUGH SATURDAY...WITH THE BEST CHANCE FOR PRECIPITATION OVER SOUTH-CENTRAL ARIZONA. HIGHER PRESSURE ALOFT FROM THE PACIFIC WILL BRING DRY WEATHER WITH SOME RECOVERY OF TEMPERATURES SUNDAY AND MONDAY. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.**

&&

.SHORT TERM...

TODAY THROUGH SATURDAY...

**12Z POSITION OF CLOSED LOW WAS NEAR 30N/117W WITH SEVERAL VORTICITY CENTERS ROTATING AROUND ITS PERIMETER. NAM/GFS SOLUTIONS APPEARED TO BE SOMEWHAT SOUTH OF LATEST RUC...WITH ALL MODELS INDICATING THE STRONGEST VORT CENTER SOUTH OF THE LOW. THE 500MB WIND SPEEDS WERE ALSO STRONGEST AROUND THE SOUTHERN QUADRANTS OF THE LOW...50-70KTS. AFTER SUNRISE THE CONVECTION PICKED UP IN OUR CWA...AND CONTINUED TO DRIFT INTO YAVAPAI COUNTY. BY FAR THE HEAVIEST PRECIP WAS THROUGH SOUTHERN GILA COUNTY WHERE SPOTTERS/RAWS DATA REPORTED .30 TO .45 INCH UP TO 6 AM. SIGNIFICANT DIFFLUENCE WAS ALSO INDICATED ACROSS EASTERN AZ EARLIER TODAY. UPDATES ISSUED BY 8 AM TO COVER 88D TRENDS. WILL CONTINUE TO EXPECT STRONGEST LIFT AND LOWEST STABILITY INDICES AFTER 18Z FRIDAY...AND THAT FITS NICELY WITH OUR CURRENT FCSTS. ALTHOUGH LATEST NAM GIVES PHX A 24 HR PRECIP AMOUNT OF .38 INCH WE WILL STILL EXPECT GENERALLY LIGHTER AMOUNTS ACROSS ZONE 23. HOWEVER WE COULD SEE MUCH MORE...ACROSS ZONE 24...PER HPC OUTPUT. **OUR WESTERN ZONES WILL STAY MUCH DRIER...WITH SOME PATCHY BLWG DUST TODAY. IN FACT ONE SHARP-EYED SPOTTER CALLED IN A REPORT OF BLOWING DUST NEAR A FARM FIELD WEST OF TONOPAH.****

MODEL TRENDS CONTINUE TO BE VERY CONSISTENT IN KEEPING THE CLOSED LOW OVER NRN MEX INTO FRIDAY NIGHT. BY 12Z SAT LATEST GFS CALLS FOR THE CENTER OF CIRCULATION TO LIFT OUT TO NEAR ABQ...WITH CSDRBL RH THROUGH A DEEP LAYER EVEN WEST OF PHX. UPPER RIDGE AND WARMER TEMPS WILL ALSO SPREAD ACROSS ENTIRE CWA FOR FRIDAY AND SATURDAY.

&&

.AVIATION...

**GENERALLY LGT SHOWERS WITH EMBEDDED -TSRA WILL CONTINUE TO DRIFT TOWARD THE NORTH TODAY. WINDS IN THE 6 TO 12 THSD LAYER PROGGED TO REMAIN 180/22 THIS AFTERNOON...WITH MUCH STRONGER SPEEDS ALOFT. SOME GUSTY WINDS TO 35KTS OR SO STILL POSSIBLE IN THE KPHX AREA LATE THIS AFTERNOON AND INTO TONIGHT. WITH ADDITIONAL MOISTURE THROUGH A DEEP LAYER...WE COULD EASILY SEE LOWER CIGS LESS THAN 6-7 THSD FT.**

SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

EXPECT PERIODS OF WETTING RAINFALL OVER MUCH OF THE FORECAST AREA THURSDAY THROUGH SATURDAY...MAINLY OVER THE EASTERN ZONES...WITH THE HEAVIEST PRECIPITATION LIKELY OVER SOUTHERN GILA COUNTY AND THE RIM FRI AFTERNOON INTO SAT MORNING. DRY CONDITIONS RETURN TO THE WESTERN PORTION OF THE REGION BY SATURDAY AND THE REMAINDER OF THE FORECAST



AREA BY SUNDAY. EARLY NEXT WEEK (MON NIGHT THROUGH TUE)...AN INTENSE LOW PRESSURE SYSTEM WILL SWING THROUGH THE GREAT BASIN AND NORTHERN AZ GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS WILL BE LIKELY...AND IF HUMIDITIES AND FUEL MOISTURES REMAIN LOW...A CRITICAL FIRE WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND DISCUSSIONS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT  
WEATHER.GOV/PHOENIX

FXUS65 KPSR 222157

AFDPSR

AZZ020>028-CAZ030>033-230600-

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE PHOENIX AZ

**255 PM MST THU MAR 22 2007 [1355 PST]**

.SYNOPSIS...

**A STRONG LOW PRESSURE SYSTEM WAS NEAR THE WEST COAST OF BAJA CALIFORNIA THIS AFTERNOON. IT WILL CONTINUE TO MOVE SLOWLY EAST ACROSS NORTHERN MEXICO TONIGHT AND FRIDAY. THIS STORM SYSTEM WILL CONTINUE TO GENERATE SHOWERS AND THUNDERSTORMS THROUGH FRIDAY...WITH THE BEST CHANCES FROM PHOENIX EASTWARD. HIGHER PRESSURE FROM THE PACIFIC WILL MOVE CLOSER TO ARIZONA THIS WEEKEND...FOR A SLOW DRYING TREND...AND THE START OF A WARMING TREND. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.**

&&

.SHORT TERM...

TONIGHT THROUGH SUNDAY...

**18Z POSITION OF CLOSED LOW WAS NEAR WEST COAST OF BAJA WITH A SOLID FETCH OF MOISTURE NORTHWARD FROM SONORA MEX. IR/WATER VAPOR LOOPS SHOWED CONVECTION WRAPPING NORTHWARD AND EVEN WEST INTO SE CALIF WITH BLYTHE HAVING HAD HEAVY TSTMS AT MID DAY. COLDEST CLOUD TOPS AND STRONGEST STORMS WILL CONTINUE TO FORM TO OUR SOUTH UNDER SOME FAVORABLE DYNAMICS AND AN UNSTABLE AIRMASS. LIFTED INDEX COULD EVEN DROP LOWER TONIGHT AND TOMORROW...AS COLDER AIR ALOFT MOVES OVER THE SOUTH CENTRAL DESERTS. LATEST NAM WINDS ALOFT BRING MID LEVEL WINDS OF 60-70 KTS INTO SRN AZ THIS EVENING.**

**CONCERNS ARE NOT ONLY FOR POTENTIAL FOR SEVERE WX IN THE VERY SHORT TERM...BUT FOR HEAVIER PRECIP AMOUNTS WITH THIS SYSTEM INTO FRIDAY. HPC GUIDANCE SUGGESTS HEAVIEST AMOUNTS TO REMAIN OVER THE HIGHER TERRAIN EAST OF PHOENIX...WHERE ONE INCH AMOUNTS WILL BE COMMON. IN THE PHX METRO WE CAN EXPECT 1/2 TO 1 INCH ON AVERAGE THRU SATURDAY. MODELS STILL SHOW A RATHER FLAT UPPER RIDGE TO BUILD SLOWLY INTO THE CWA FROM SATURDAY NIGHT INTO SUNDAY. LINGERING MOISTURE WILL STILL BE AVAILABLE ACROSS OUR EASTERN ZONES AND WE SHALL RETAIN THE MENTION OF SHOWERS AND TSTMS THERE. ECMWF IS MORE AGGRESSIVE WITH THE PROGRESSION OF THE RIDGE...AND CHANCE OF SHOWERS/TSTMS MAY BE TRIMMED BACK SOMEWHAT ON LATER UPDATES.**

&&

.AVIATION...

**SHOWERS WITH EMBEDDED -TSRA WILL CONTINUE TO DRIFT TOWARD THE NORTH AND NORTHWEST THIS EVENING. SMALL HAIL IS ALSO POSSIBLE WITH THE STRONGER STORMS AS THE PARENT VORT LOBE SWINGS NORTH INTO AZ.**

LOWER CIGS AND VSBYS CAN ALSO BE EXPECTED. CIGS BETWEEN 4 AND 6 THSD FT COULD STILL OCCUR INVOF KPHX INTO THIS EVENING.

SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

**LINE OR CLUSTERS OF TSTMS WITH DRY FUELS WILL REMAIN A CONCERN IN THE VERY SHORT TERM...SPCLY IN THE LOWER COLORADO RIVER VALLEY WHERE THE WETTING RAIN HAS NOT YET MOVED IN. A GRADUAL DECREASE IN LAL CAN BE EXPECTED INTO THE WEEKEND AS THE CLOSED LOW EJECTS TOWARD THE NORTHEAST. EARLY NEXT WEEK (MON NIGHT THROUGH TUE)...AN INTENSE LOW PRESSURE SYSTEM WILL SWING THROUGH THE GREAT BASIN AND NORTHERN AZ GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS WILL BE LIKELY...AND IF HUMIDITIES AND FUEL MOISTURES REMAIN LOW...A CRITICAL FIRE WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND**

DISCUSSIONS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

&&

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT  
WEATHER.GOV/PHOENIX

FXUS65 KPSR 230414

AFDPSR

AZZ020>028-CAZ030>033-231200-

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE PHOENIX AZ

**910 PM MST THU MAR 22 2007** [2010 PST]

.SYNOPSIS...

**A STRONG LOW PRESSURE SYSTEM WAS OVER NORTHERN BAJA THIS EVENING. IT WILL CONTINUE TO MOVE SLOWLY EAST ACROSS NORTHERN MEXICO TONIGHT AND FRIDAY. IT WILL CONTINUE TO GENERATE SHOWERS AND THUNDERSTORMS THROUGH FRIDAY...WITH THE BEST CHANCES FROM PHOENIX EASTWARD.** HIGHER PRESSURE FROM THE PACIFIC WILL MOVE CLOSER TO ARIZONA THIS WEEKEND...FOR A SLOW DRYING TREND...AND THE START OF A WARMING TREND. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.

&&

.SHORT TERM...

TONIGHT THROUGH SUNDAY...

**UPPER LOW OVER NORTHERN HALF OF BAJA THIS EVENING WILL REMAIN IN THAT AREA TONIGHT THEN MOVE EAST FRI AND ACROSS SE AZ FRI NIGHT. IT WILL CONTINUE TO ROTATE BANDS OF SHOWERS AND THUNDERSTORMS AROUND IT...OVER OUR REGION TONIGHT/FRI. BUT WITH SOME DECREASE FROM THE W DURING THE DAY FRI ND FRI NIGHT AS THE UPPER LOW PULLS AWAY FROM THAT AREA. SCATTERED ACTIVITY WITH HIGHER POPS WILL REMAIN OVER SOUTH CENTRAL AZ THRU SAT. GOOD CHANCE FOR THUNDERSTORMS TO CONTINUE THROUGH SAT OVER SOUTH CENTRAL AZ AS LIFTED INDEXES TO REMAIN NEG WITH A GOOD -20C COLD CORE UPPER LOW PASSING THROUGH. CLEARING SE CA SW AZ SAT AS UPPER RIDGE OFF CA COAST BRINGS DRIER NW-N FLOW INTO THAT REGION...AND DECREASING SHOWERS SAT NIGHT SOUTH CENTRAL AS UPPER LOW PULLS OUT. RIDGE MOVES INTO AZ SUN FOR MOSTLY CLEAR SKIES AND SOME RECOVERY IN TEMPS.**

&&

.AVIATION...

**SHOWERS WITH EMBEDDED -TSRA WILL CONTINUE TO DRIFT TOWARD THE NORTH AND NORTHWEST THIS EVENING. SMALL HAIL IS ALSO POSSIBLE WITH THE STRONGER STORMS AS SHOWERS/TSTMS BANDS CONTINUE TO ROTATE THROUGH SOUTHERN AZ SE CA AROUND UPPER BAJA LOW. LOWER CIGS AND VSBYS CAN ALSO BE EXPECTED ESPECIALLY IN AND NEAR SHOWERS.**

SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

**LINE OR CLUSTERS OF TSTMS WITH DRY FUELS WILL REMAIN A CONCERN IN THE VERY SHORT TERM...SPCLY IN THE LOWER COLORADO RIVER VALLEY WHERE THE WETTING RAIN HAS NOT YET MOVED IN.** A GRADUAL DECREASE IN LAL CAN BE EXPECTED INTO THE WEEKEND AS THE CLOSED LOW EJECTS TOWARD THE NORTHEAST. EARLY NEXT WEEK (MON NIGHT THROUGH TUE)...AN INTENSE LOW PRESSURE SYSTEM WILL SWING THROUGH THE GREAT BASIN AND NORTHERN AZ GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS WILL BE LIKELY...AND IF HUMIDITIES AND FUEL MOISTURES REMAIN LOW...A CRITICAL FIRE WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND DISCUSSIONS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

&&

NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT [WEATHER.GOV/PHOENIX](http://WEATHER.GOV/PHOENIX)

DKS
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FXUS65 KPSR 231015

AFDPSR

AZZ020>028-CAZ030>033-231800-

**AREA FORECAST DISCUSSION**

NATIONAL WEATHER SERVICE PHOENIX AZ

**315 AM MST FRI MAR 23 2007** [0215 PST]

.SYNOPSIS...

**A STRONG LOW PRESSURE SYSTEM TO OUR SOUTH WILL CONTINUE TO MOVE SLOWLY EAST ACROSS NORTHERN MEXICO TODAY...AND WILL CONTINUE TO GENERATE SHOWERS AND THUNDERSTORMS...WITH THE BEST CHANCES FROM PHOENIX EASTWARD.** HIGHER PRESSURE FROM THE PACIFIC WILL MOVE CLOSER TO ARIZONA THIS WEEKEND...FOR A SLOW DRYING TREND...AND THE START OF A WARMING TREND. ANOTHER RATHER STRONG WEATHER DISTURBANCE WILL PRODUCE BREEZY TO WINDY CONDITIONS ALONG WITH SOME COOLING NEXT TUESDAY AND WEDNESDAY.

&&

.SHORT TERM...

TODAY THROUGH SUNDAY...

**VIGOROUS UPPER LEVEL CLOSED LOW THAT WAS OFF THE NORTHERN BAJA COAST YESTERDAY HAS MOVED EAST WITH THE LOW CENTER OVER THE FAR NRN GULF OF CA EARLY THIS MORNING. THE LOW HAS ENTRAINED QUITE A BIT OF SUBTROPICAL MOISTURE...AS WELL AS MOISTURE FROM THE GULF OF CA...AND IR IMAGERY AT 2 AM SHOWED CONSIDERABLE CLOUDINESS ACROSS SERN CA AND ARIZONA. RADAR INDICATED SCT TO NUMEROUS SHOWERS MOVING WWD ACROSS THE CWA IN BANDS...AND MANY LOCALES OVER THE CENTRAL DESERTS HAVE PICKED UP OVER ONE HALF INCH OF RAINFALL SINCE THE EVENT STARTED EARLY YESTERDAY. SURFACE DEWPOINTS AT 2 AM RANGED FROM THE MID 40S TO MID 50S ACROSS MOST OF OUR CWA. AS THE LOW APPROACHED ARIZONA YESTERDAY...STRONG UPPER DIFLUENCE WAS OVER MOST OF OUR CWA...AND WE WERE IN THE FAVORED NERN QUAD OF THE UPPER LOW. THIS STRONG DIFLUENT AREA CONTINUED OVER ARIZONA THROUGH THE EARLY MORNING HOURS AND HELPED SUPPORT THE EXTENSIVE PRECIP THAT HAS OCCURRED.**

LATEST NAM AND GFS ARE A BIT QUICKER MOVING THE LOW NEWD AND OUT OF THE STATE...AND THE GFS MOVES THE LOW CENTER JUST SOUTH OF DOUGLAS BY 00Z SAT. AS THE LOW TRACKS JUST TO OUR SOUTH TODAY...THE FAVORED DIFLUENT AREA PUSHES OFF TO THE EAST...AND DYNAMICS/UVV/Q CONVERGENCE FIELDS ARE MODEST OVER SERN CA AND SWRN AZ. SO...FORCING IS NOT A STRONG TODAY...BUT LOW LEVEL MOISTURE REMAINS PLENTIFUL. AIRMASS IS ALSO UNSTABLE WITH LIFTED INDICES FORECAST TO BE AS LOW AS MINUS 4 THIS AFTERNOON OVER SOUTH-CENTRAL AZ. THUS...WE WILL CONTINUE CHANCE POPS FROM THE CO RIVER EASTWARD TODAY...WITH SLIGHT CHANCE IN SERN CA. LIKELY POPS ARE FORECAST IN ZONE 24 WHERE OROGRAPHICS HELPS OUR CHANCES FOR RAIN. SCT THUNDERSTORMS ARE ALSO LIKELY...MAINLY IN THE AFTERNOON HOURS...AND THESE WILL PRODUCE LOCALLY HEAVY RAINFALL. WITH THE CLOUD COVER AND SHOWERS...HIGH TEMPS WILL BE ON THE COOL SIDE...AND CERTAINLY BELOW SEASONAL NORMALS...WITH MANY DESERT LOCALES DOWN INTO THE LOWER 70S. FRIDAY NIGHT THE LOW IS FORECAST TO QUICKLY LIFT NEWD INTO CENTRAL NEW MEXICO...WITH DIMINISHING FORCING FOR OUR ERN CWA EXPECTED. THERE SHOULD BE A GOODLY AMOUNT OF WRAP-AROUND MOISTURE INTO OUR ERN ZONES FRI NIGHT...AND WE WILL KEEP CHANCE POPS FROM MARICOPA COUNTY EASTWARD...AND LIKELY POPS IN ZONE 24. AS THE LOW ZIPS NEWD INTO CO SATURDAY...THERE WILL BE A DECREASING CLOUDS AND POPS FROM THE WEST...WITH WRAP AROUND MOISTURE GRADUALLY THINNING...BUT THERE WILL STILL BE A GOOD CHANCE FOR SHOWERS AND A POSSIBLE THUNDERSTORM IN ZONE 24. HIGH TEMPS WILL MODERATE SLIGHTLY OVER THE CENTRAL DESERTS SAT AND RISE SEVERAL DEGREES OVER SERN CA AND THE WESTERN DESERTS AS SUNSHINE INCREASES. HIGHER PRESSURE WILL BUILD IN FROM THE WEST SUNDAY FOR DRY AND SOMEWHAT WARMER CONDITIONS.

&&

AVIATION...

SHOWERS WITH EMBEDDED -TSRA WILL CONTINUE TO DRIFT TOWARD THE NORTH AND NORTHWEST THIS MORNING. SMALL HAIL IS ALSO POSSIBLE WITH THE STRONGER STORMS AS SHOWER/TSTM BANDS CONTINUE TO ROTATE THROUGH SOUTHERN AZ SE CA AROUND UPPER BAJA LOW. LOWER CIGS AND VSBYS CAN ALSO BE EXPECTED ESPECIALLY IN AND NEAR SHOWERS THROUGHOUT THE DAY. SEE TAFS PHXTAFPHX...PHXTAFIWA...PHXTAFYUM...LAXTAFBLH AND LAXTAFIPL FOR MORE DETAILED INFORMATION.

AVIATION DISCUSSION IS NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

LINE OR CLUSTERS OF TSTMS WITH DRY FUELS WILL REMAIN A CONCERN IN THE VERY SHORT TERM...SPCLY IN THE LOWER COLORADO RIVER VALLEY WHERE THE WETTING RAIN HAS NOT YET MOVED IN. A GRADUAL DECREASE IN LAL CAN BE EXPECTED INTO THE WEEKEND AS THE CLOSED LOW EJECTS TOWARD THE NORTHEAST. EARLY NEXT WEEK (MON NIGHT THROUGH TUE)...AN INTENSE LOW PRESSURE SYSTEM WILL SWING THROUGH THE GREAT BASIN AND NORTHERN AZ GENERATING STRONG GUSTY WEST WINDS REGION-WIDE. WINDY CONDITIONS WILL BE LIKELY...AND IF HUMIDITIES AND FUEL MOISTURES REMAIN LOW...A CRITICAL FIRE WEATHER DAY WILL BE POSSIBLE. ALL INTERESTED AGENCIES ARE ENCOURAGED TO MONITOR THE LATEST FIRE WEATHER FORECASTS AND DISCUSSIONS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT  
WEATHER.GOV/PHOENIX

11/10/MEYERS

## A.11 NWS Phoenix Forecast Office – Flash Flood Warnings

NWS SRRS PRODUCTS FOR:  
2007032200 to 2007032323

WGUS55 KPSR 222016  
FFWPSR  
CAC065-222215-  
BULLETIN - EAS ACTIVATION REQUESTED  
**FLASH FLOOD WARNING**  
NATIONAL WEATHER SERVICE PHOENIX AZ  
**114 PM PDT THU MAR 22 2007** [1214 PST]  
THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A  
\* **FLASH FLOOD WARNING FOR...**  
**EAST CENTRAL RIVERSIDE COUNTY IN SOUTHWEST CALIFORNIA...**  
\* **UNTIL 315 PM PDT**  
\* **AT 111 PM PDT...TRAINED WEATHER SPOTTERS REPORTED FLASH FLOODING**  
**FROM A THUNDERSTORM OVER BLYTHE...MOVING WEST AT 10 MPH.**  
\* THE STORM PRODUCING FLASH FLOODING WILL OTHERWISE REMAIN OVER  
MAINLY RURAL AREAS OF THE INDICATED COUNTY.  
EXCESSIVE RUNOFF FROM HEAVY RAINFALL WILL CAUSE FLOODING OF SMALL  
CREEKS AND STREAMS...INCLUDING THE MCCOY WASH...AS WELL AS URBAN  
AREAS...HIGHWAYS...STREETS AND UNDERPASSES.  
MOST FLOOD DEATHS OCCUR IN AUTOMOBILES. NEVER DRIVE YOUR VEHICLE INTO  
AREAS WHERE THE WATER COVERS THE ROADWAY. FLOOD WATERS ARE USUALLY  
DEEPER THAN THEY APPEAR. JUST ONE FOOT OF FLOWING WATER IS POWERFUL  
ENOUGH TO SWEEP VEHICLES OFF THE ROAD. WHEN ENCOUNTERING FLOODED  
ROADS MAKE THE SMART CHOICE...TURN AROUND...DONT DROWN.  
LAT...LON 3384 11480 3376 11452 3370 11452 3369 11454  
3359 11454 3358 11455 3356 11454 3352 11458  
3363 11488  
\$\$  
AJ



NOUS45 KPSR 222016

PNSPSR

**PUBLIC INFORMATION STATEMENT**

NATIONAL WEATHER SERVICE PHOENIX AZ

**116 PM MST THU MAR 22 2007** [0016 PST]

A **FLASH FLOOD WARNING** HAS JUST BEEN ISSUED FOR A PORTION OF SOUTH-CENTRAL OR SOUTHWEST ARIZONA...OR FAR SOUTHEAST CALIFORNIA. PLEASE FOLLOW THESE SAFETY RULES IF FLASH FLOODING OR SEVERE WEATHER THREATENS YOUR AREA.

AREA RESIDENTS SHOULD MONITOR FLOOD CONDITIONS...AND BE PREPARED TO MOVE TO HIGHER GROUND SHOULD FLOOD WATERS THREATEN. IF FLASH FLOODING IS OBSERVED...ACT QUICKLY. DO NOT STAY IN AREAS SUBJECT TO FLOODING WHEN WATER BEGINS TO RISE...ESPECIALLY NORMALLY DRY WASHES. BE ESPECIALLY CAUTIOUS AT NIGHT WHEN IT IS HARDER TO RECOGNIZE THE DANGERS OF FLOODS AND FLASH FLOODS. IT IS VERY DIFFICULT AT NIGHT TO TELL HOW MUCH WATER IS ON ROADS. MOTORISTS SHOULD NOT DRIVE THROUGH WATER OF UNKNOWN DEPTH.

DO NOT DRIVE YOUR VEHICLE INTO AREAS WHERE WATER COVERS THE ROADWAY. THE WATER DEPTH MAY BE TOO GREAT TO ALLOW YOUR CAR TO CROSS SAFELY AND THE ROAD BENEATH MAY NOT BE INTACT. VEHICLES CAUGHT IN RISING WATER SHOULD BE ABANDONED QUICKLY. IT ONLY TAKES A FOOT OR TWO OF FLOWING WATER TO WASH MOST CARS AWAY.

REMEMBER...MOST DEATHS IN FLASH FLOODING OCCUR IN AUTOMOBILES. DO NOT ATTEMPT TO CROSS BRIDGES...DIPS...OR LOW WATER CROSSINGS IF WATER COVERS THE ROADWAY. NEVER TRY TO CROSS A FLOWING WASH...EVEN A SMALL ONE...ON FOOT. DO NOT DRIVE AROUND BARRICADES. IF YOUR VEHICLE STALLS...ABANDON IT IMMEDIATELY AND SEEK HIGHER GROUND. DURING HEAVY RAINS...KEEP CHILDREN AWAY FROM STORM DRAINS...WATER CATCHMENTS...AND WASHES. SHALLOW...GENTLY FLOWING WATER CAN BECOME A RAGING TORRENT IN A MATTER OF MINUTES.

A SUDDEN DOWNPOUR MAY CUT VISIBILITY TO NEAR ZERO. WIND-DRIVEN RAIN MAY HAMPER BOTH DRIVER AND PEDESTRIAN. WHEN FACED WITH SUCH WEATHER CONDITIONS...BE ESPECIALLY CAUTIOUS AND PROCEED SLOWLY WITHIN YOUR RANGE OF SIGHT.

HIKERS AND CAMPER SHOULD IMMEDIATELY CLIMB TO HIGHER GROUND WHEN A WARNING IS ISSUED FOR THE AREA OR WHEN FLOODING IS OBSERVED.

WGUS75 KPSR 222108

FFSPSR

**FLASH FLOOD STATEMENT**

NATIONAL WEATHER SERVICE PHOENIX AZ

200 PM MST THU MAR 22 2007 [1300 PST]

CAC065-222215-

**RIVERSIDE CA-**

**200 PM PDT THU MAR 22 2007**

**...A FLASH FLOOD WARNING REMAINS IN EFFECT UNTIL 315 PM PDT FOR EAST CENTRAL RIVERSIDE COUNTY...**

AS OF 200 PM PDT...THUNDERSTORM ACTIVITY OVER EASTERN RIVERSIDE COUNTY HAS DIMINISHED CONSIDERABLY. HOWEVER...THE MCCOY WASH AS WELL AS SMALLER WASHES BETWEEN THE MCCOY MOUNTAINS AND BIG MARIA MOUNTAINS WILL STILL BE RUNNING HEAVILY THROUGH 3 PM. THIS WILL MAKE MANY UNBRIDGED CROSSINGS IMPASSABLE...INCLUDING THOSE IN THE VICINITY OF BLYTHE. OTHER LOW-LYING DRAINAGE AREAS WILL ALSO REMAIN INUNDATED.

MOST FLOOD DEATHS OCCUR IN AUTOMOBILES. NEVER DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE ROADWAY. FLOOD WATERS ARE USUALLY DEEPER THAN THEY APPEAR. JUST ONE FOOT OF FLOWING WATER IS POWERFUL ENOUGH TO SWEEP VEHICLES OFF THE ROAD. WHEN ENCOUNTERING FLOODED ROADS MAKE THE SMART CHOICE...TURN AROUND...DONT DROWN.

LAT...LON 3384 11480 3376 11452 3370 11452 3369 11454

3359 11454 3358 11455 3356 11454 3352 11458

3363 11488

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WGUS85 KPSR 222114

FLSPSR

**FLOOD ADVISORY**

NATIONAL WEATHER SERVICE PHOENIX AZ

211 PM MST THU MAR 22 2007 [1311 PST]

AZC013-230015-

**211 PM MST THU MAR 22 2007**

**THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A**

**\* URBAN AND SMALL STREAM FLOOD ADVISORY FOR...**

**WEST-CENTRAL MARICOPA COUNTY IN SOUTH CENTRAL ARIZONA...**

**\* UNTIL 515 PM MST**

\* AT 210 PM MST PHOENIX DOPPLER RADAR DETECTED SCATTERED THUNDERSTORMS WITH LOCALLY HEAVY RAINFALL OVER PORTIONS OF THE ADVISORY AREA. BETWEEN 1 AND 2 PM...RAINFALL UP TO 1 INCH FELL OVER PORTIONS OF THE GILA BEND MOUNTAINS NORTHWEST OF GILA BEND...AND OVER AND NEAR THE MARICOPA MOUNTAINS WEST OF MOBILE. WASHES IN THOSE AREAS MAY RUN...AND ROADWAYS WITH LOW-WATER CROSSINGS MAY BECOME FLOODED. STORMS WERE MOVING TOWARD THE NORTH AT 20 MPH...AND WILL AFFECT INTERSTATE 10 AND COMMUNITIES WEST OF PHOENIX...INCLUDING BUCKEYE...TONOPAH...AND WINTERSBURG...BETWEEN 230 AND 330 PM. DO NOT DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE ROADWAY. THE WATER DEPTH MAY BE TOO GREAT TO ALLOW YOUR CAR TO CROSS SAFELY. MOVE TO HIGHER GROUND.

A FLOOD ADVISORY MEANS RIVER OR STREAM FLOWS ARE ELEVATED OR PONDING OF WATER IN URBAN OR OTHER AREAS IS OCCURRING OR IS IMMINENT.

LAT...LON 3312 11318 3298 11296 3300 11274 3289 11234

3307 11231 3345 11232 3358 11279 3361 11324

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DG

WGUS85 KPSR 222225

FLSPSR

**FLOOD ADVISORY**

NATIONAL WEATHER SERVICE PHOENIX AZ

**320 PM MST THU MAR 22 2007** [1420 PST]

AZC012-027-230115-

320 PM MST THU MAR 22 2007

**THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED AN**

**\* URBAN AND SMALL STREAM FLOOD ADVISORY FOR...**

**EXTREME NORTH CENTRAL YUMA COUNTY IN SOUTHWEST ARIZONA...**

**WEST CENTRAL LA PAZ COUNTY IN WEST CENTRAL ARIZONA...**

**\* UNTIL 615 PM MST**

\* AT 320 PM MST STRONG THUNDERSTORMS HAD MOVED FROM THE KOFA MOUNTAINS NORTH AND WESTWARD TO LOWER ELEVATIONS AND WILL CAUSE FLOODING OF LOW SPOTS AND RUNNING OF WASHES. THE AREA THAT WILL BE AFFECTED INCLUDES HIGHWAY 95 NORTH OF THE CASTLE DOME MOUNTAINS...TYSON WASH...QUARTZITE...AND EHRENBURG.

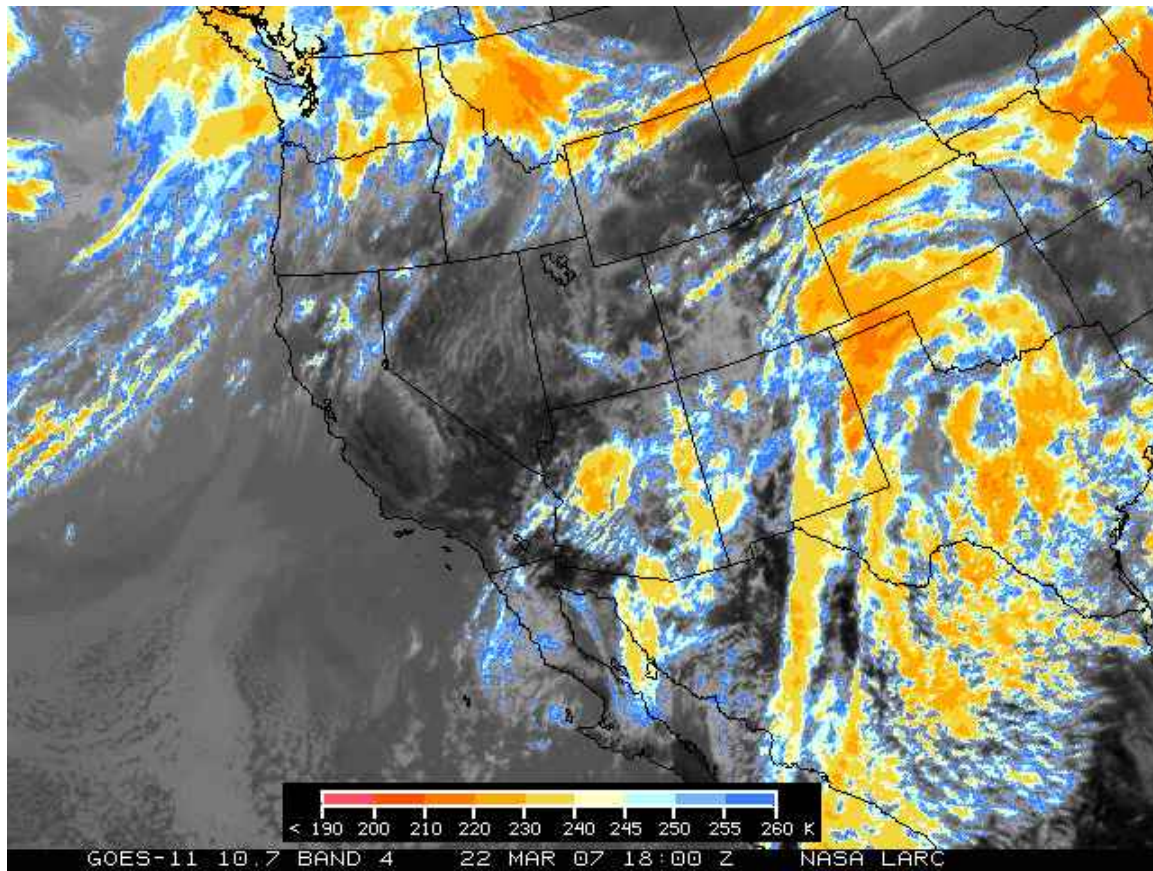
MOST FLOOD DEATHS OCCUR IN AUTOMOBILES. NEVER DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE ROADWAY. FLOOD WATERS ARE USUALLY DEEPER THAN THEY APPEAR. JUST ONE FOOT OF FLOWING WATER IS POWERFUL ENOUGH TO SWEEP VEHICLES OFF THE ROAD. WHEN ENCOUNTERING FLOODED ROADS MAKE THE SMART CHOICE...TURN AROUND...DONT DROWN.

LAT...LON 3319 11420 3375 11395 3370 11442 3338 11465

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AJ

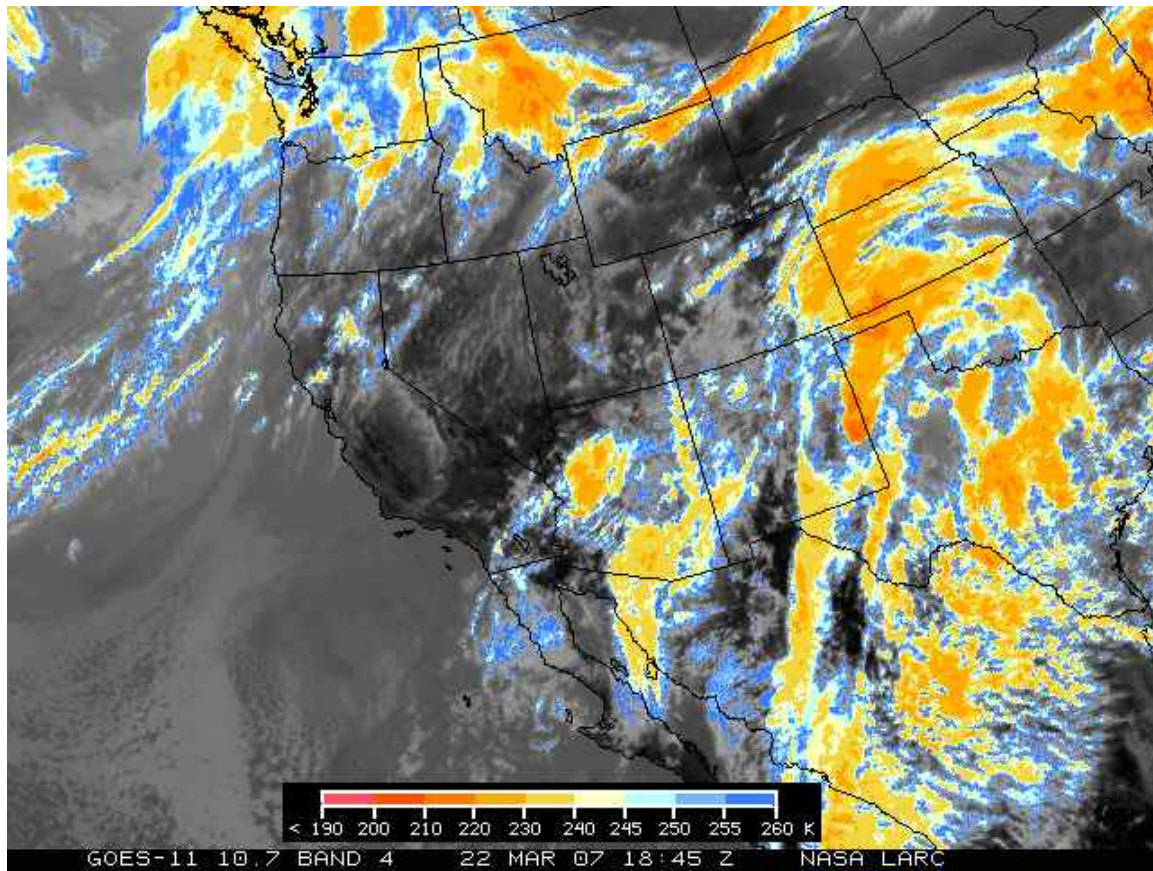
## **A.12 Infrared Satellite Imagery**



**FIGURE A-1**

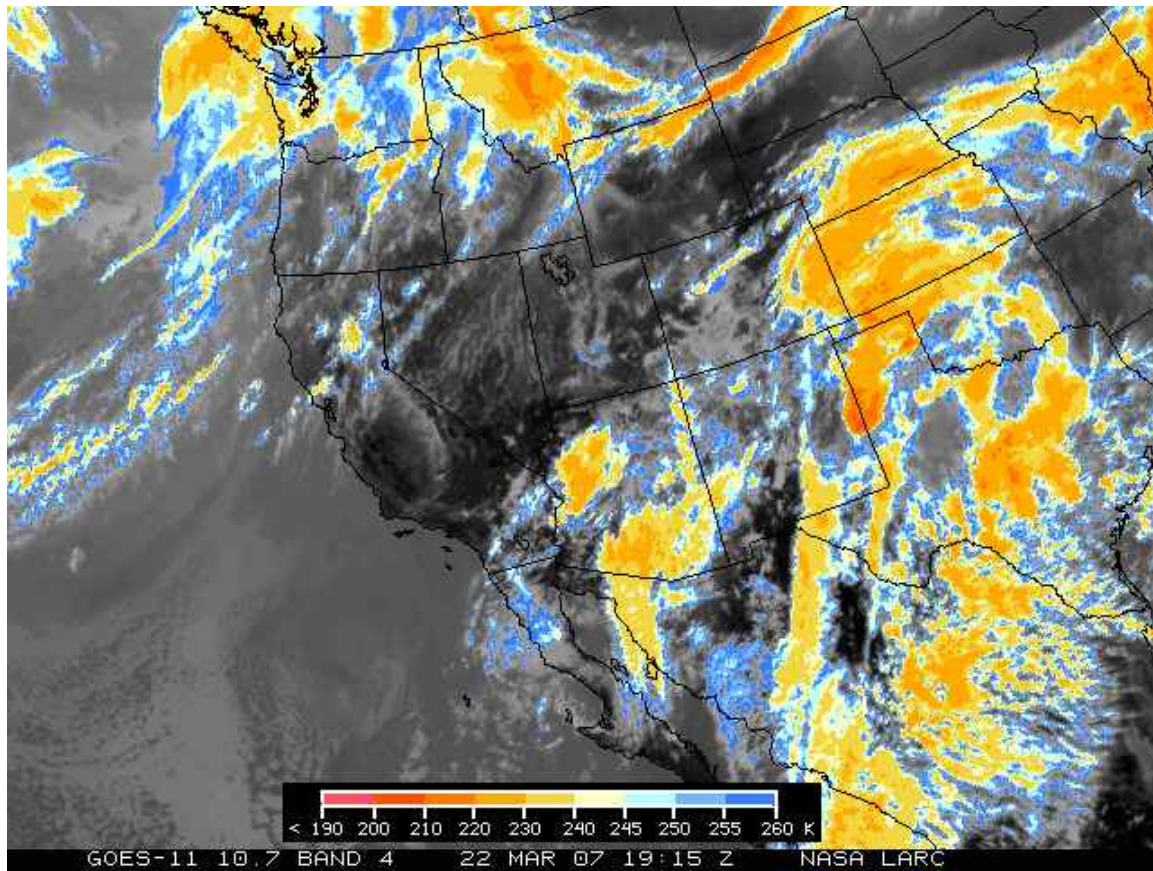
**Infrared Satellite Image for 1000 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-2**

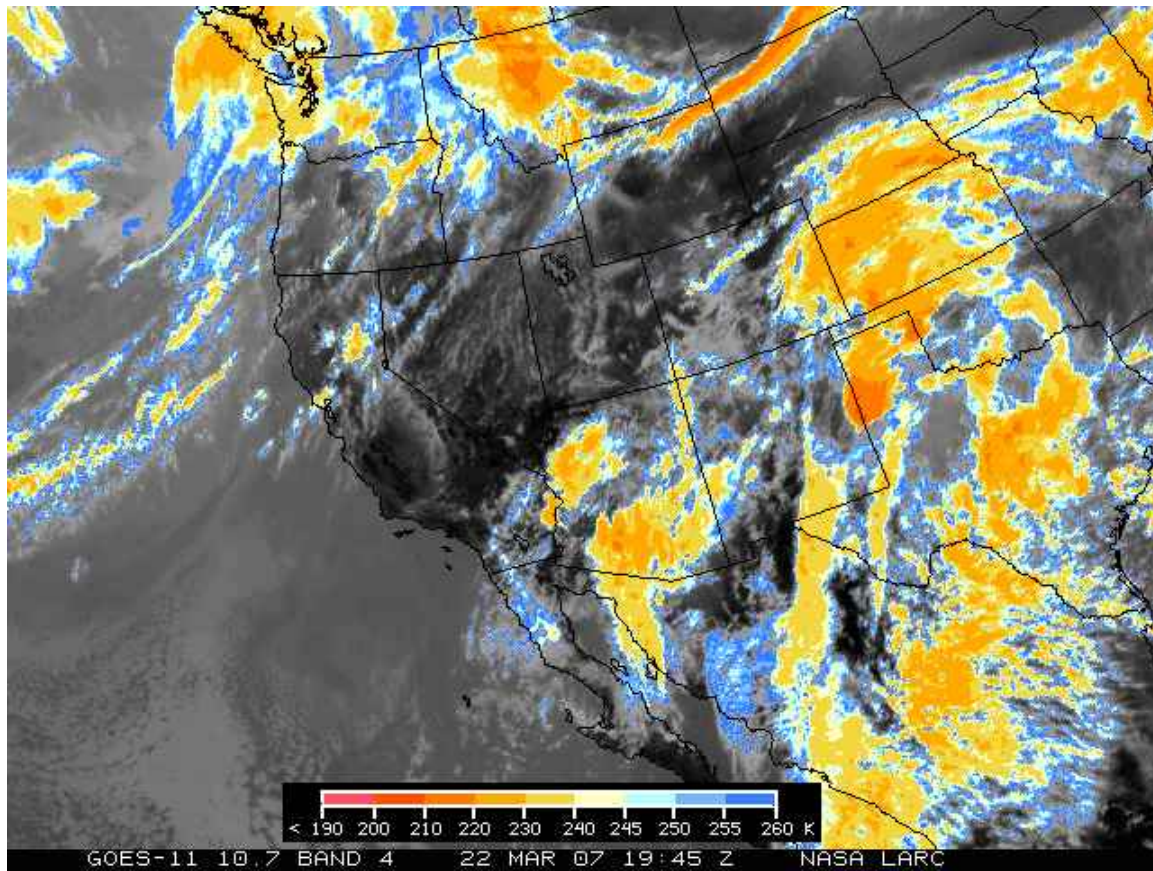
**Infrared Satellite Image for 1045 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-3**

**Infrared Satellite Image for 1115 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*

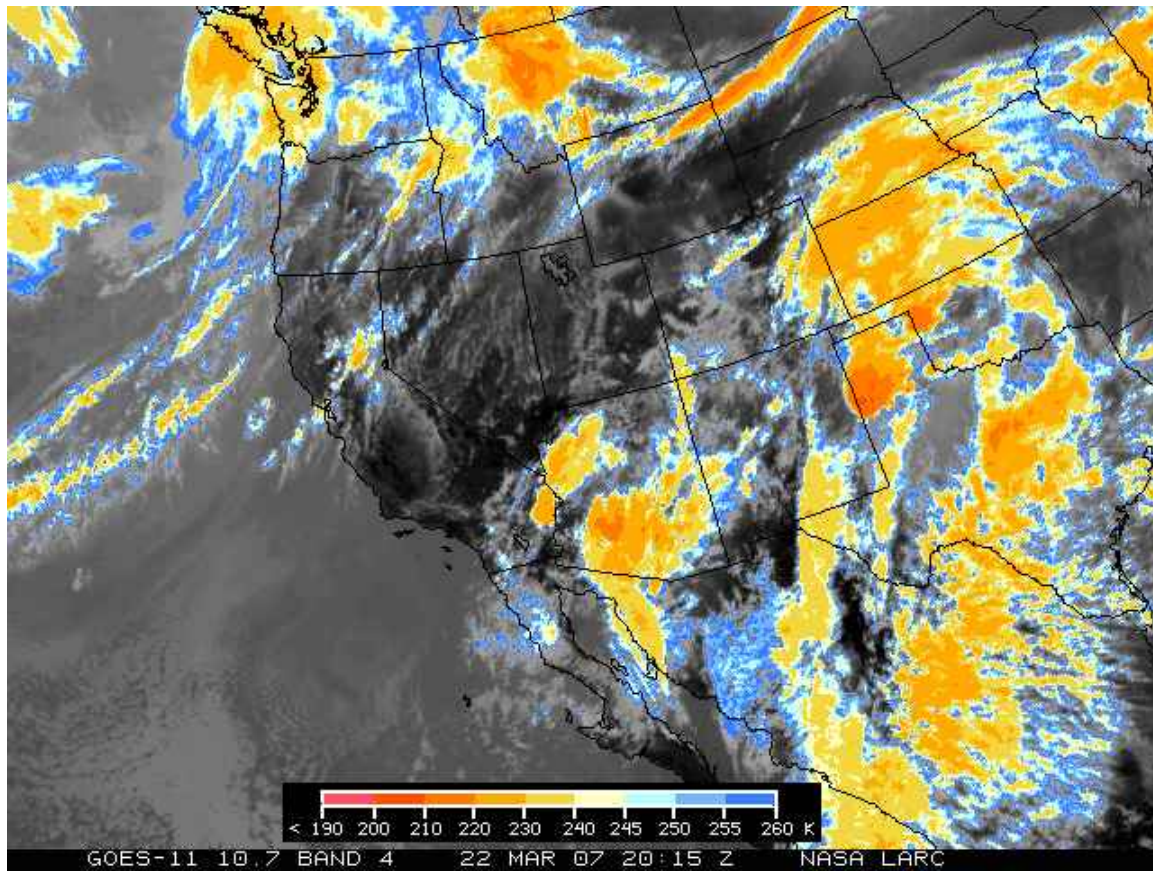




**FIGURE A-4**

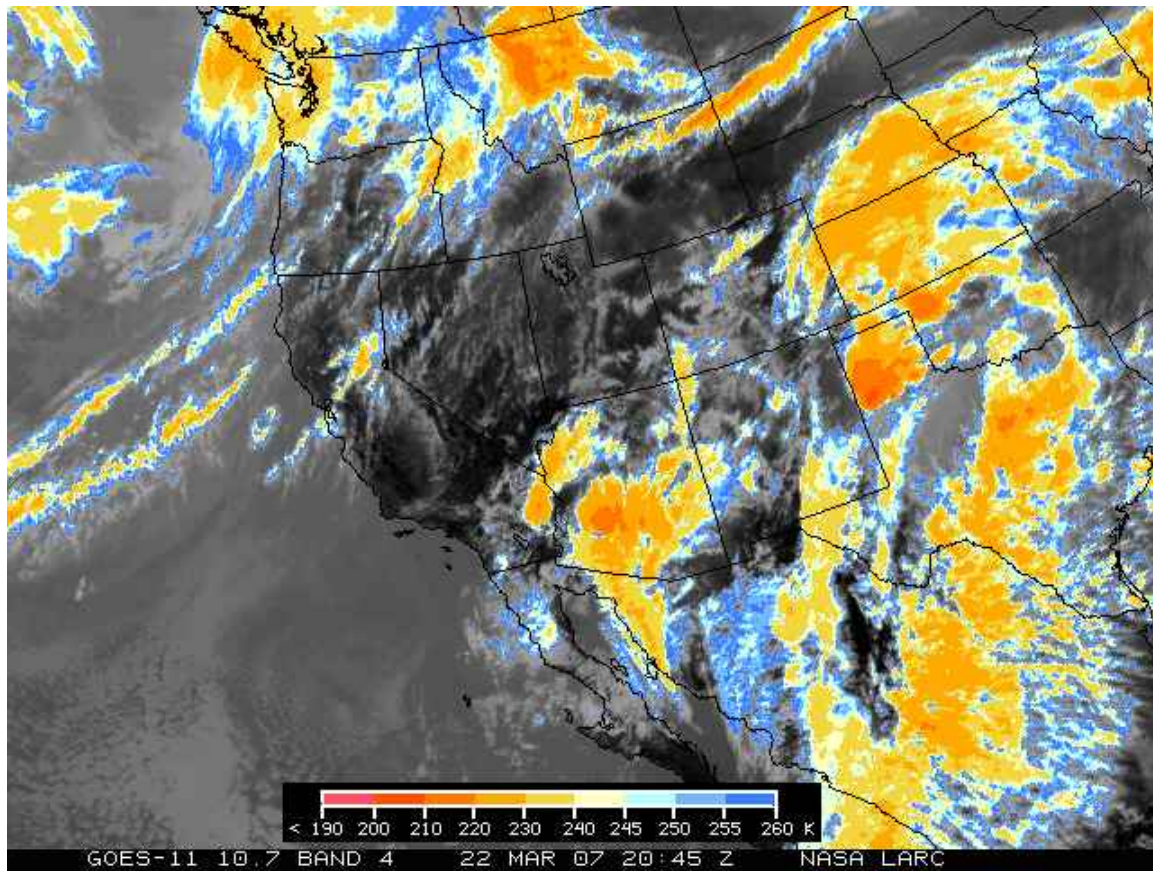
**Infrared Satellite Image for 1145 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-5**

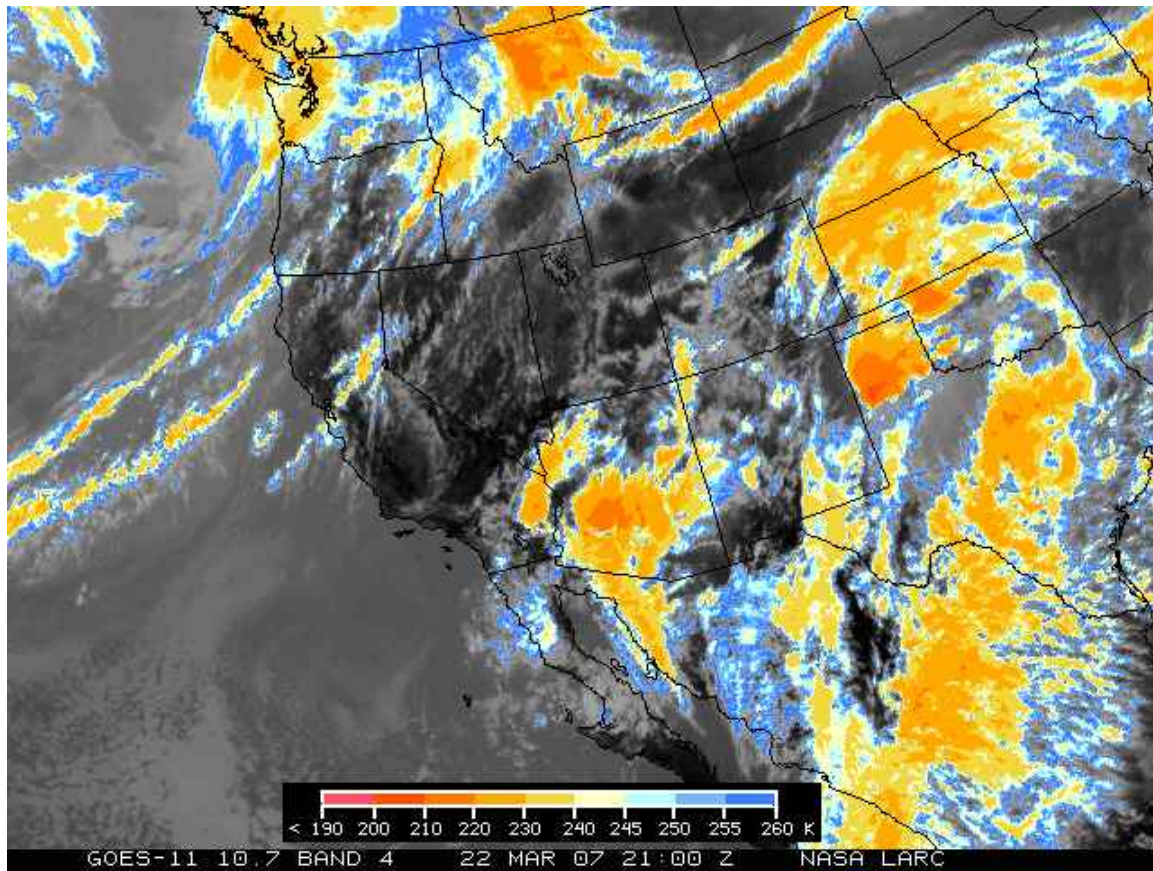
**Infrared Satellite Image for 1215 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-6**

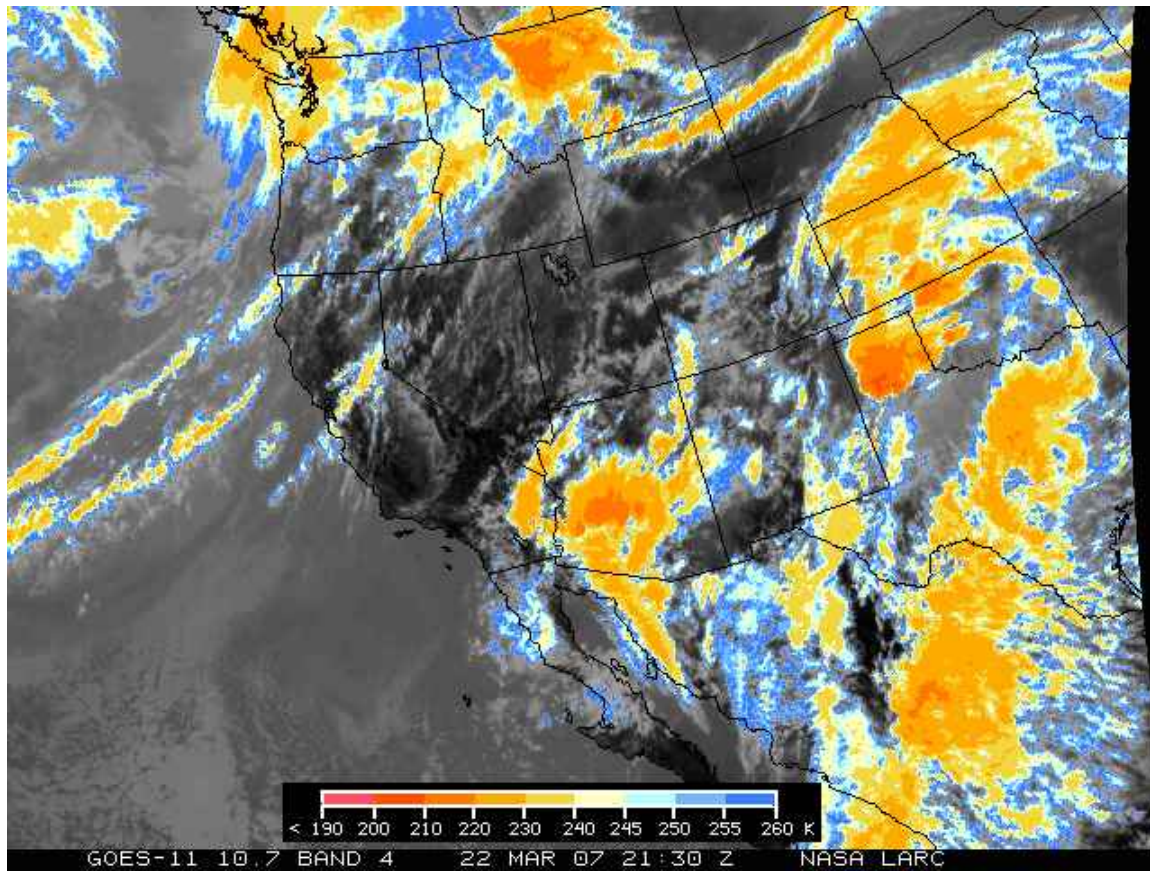
**Infrared Satellite Image for 1245 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-7**

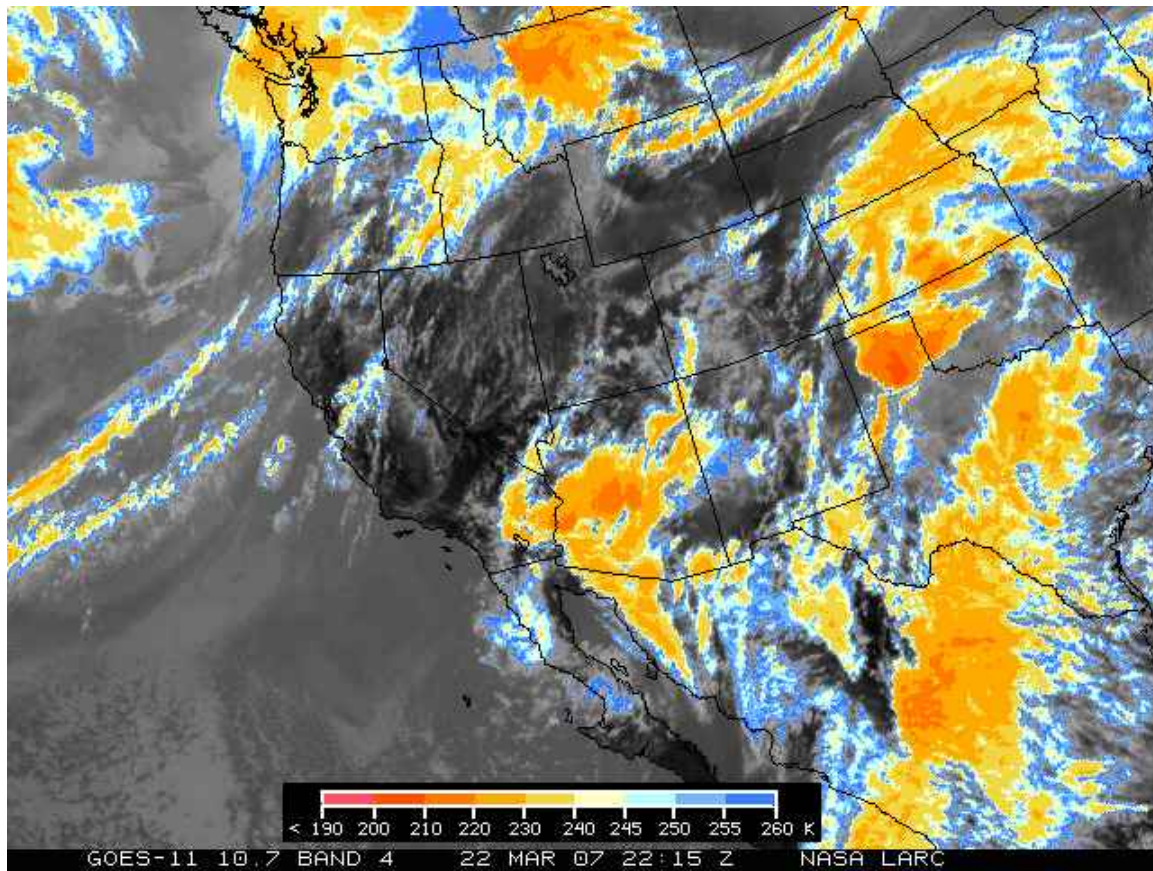
**Infrared Satellite Image for 1300 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-8**

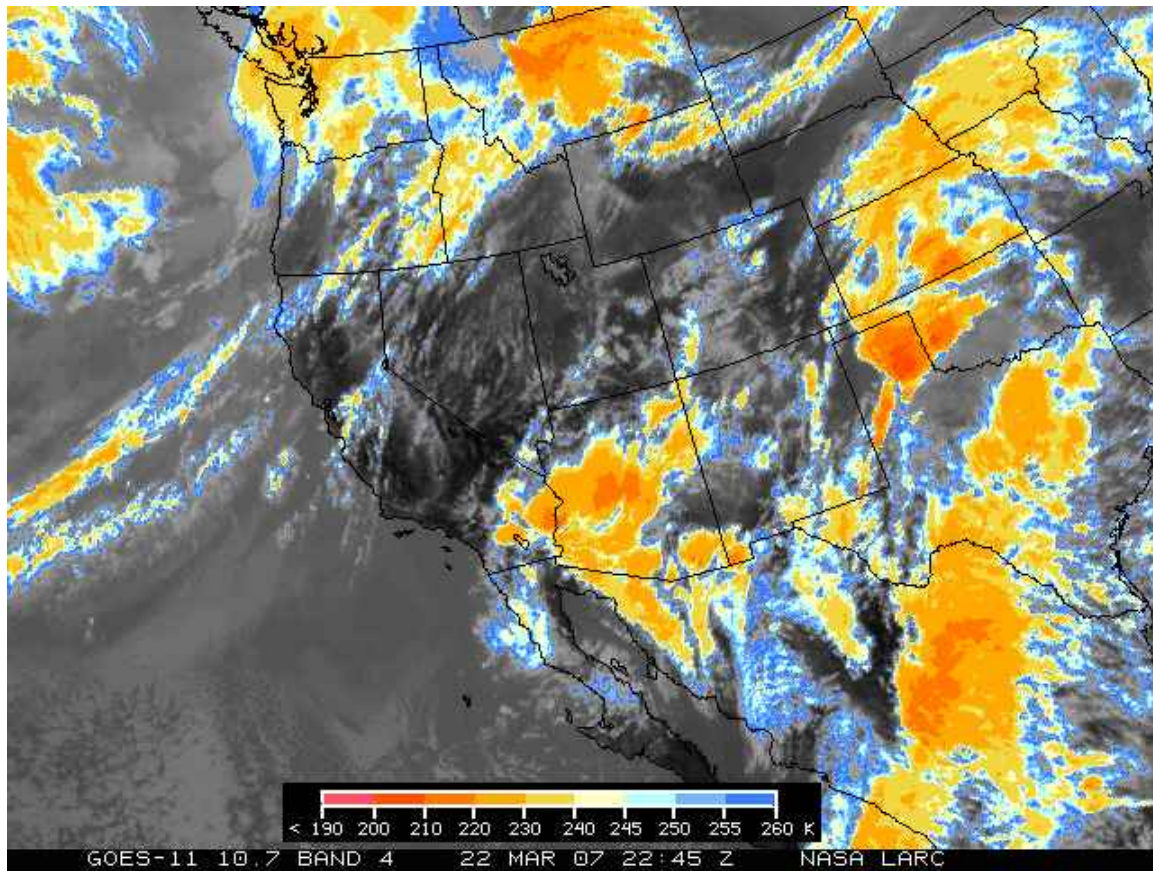
**Infrared Satellite Image for 1330 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-9**

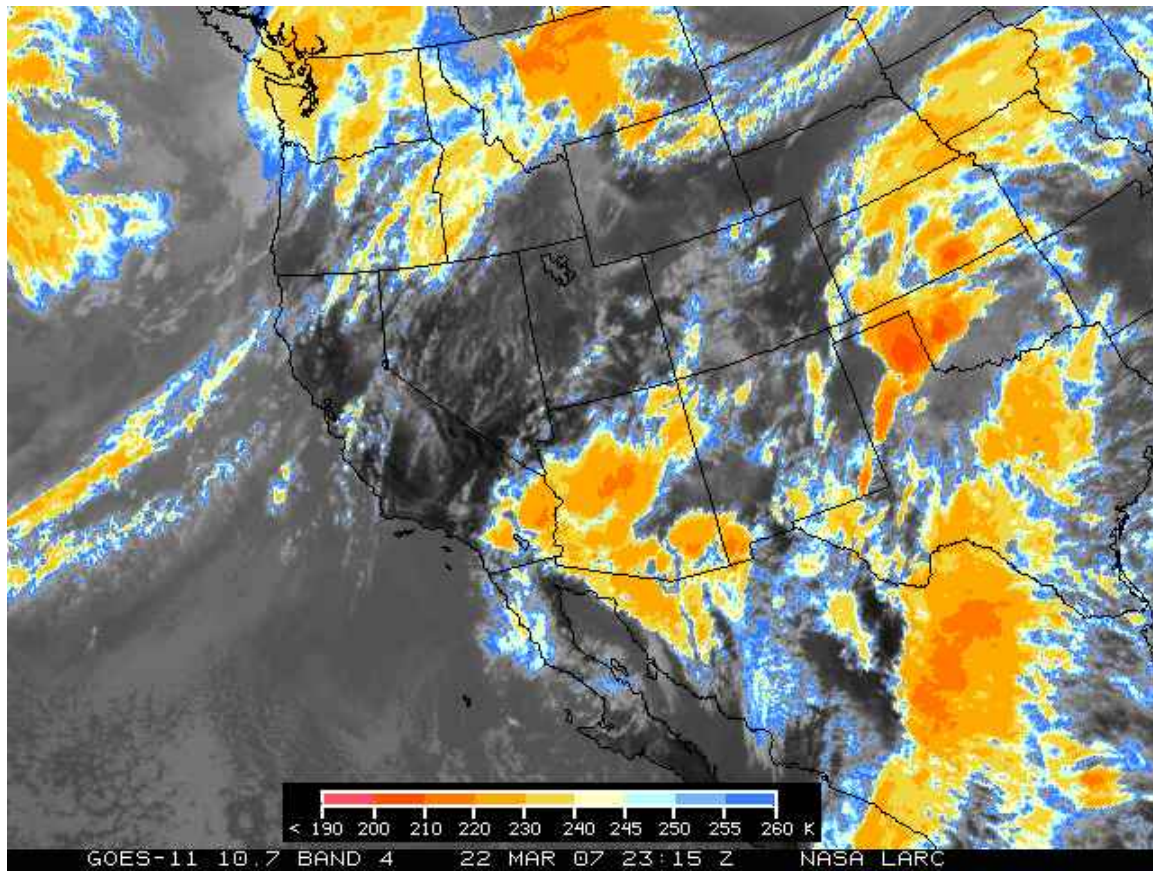
**Infrared Satellite Image for 1415 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-10**

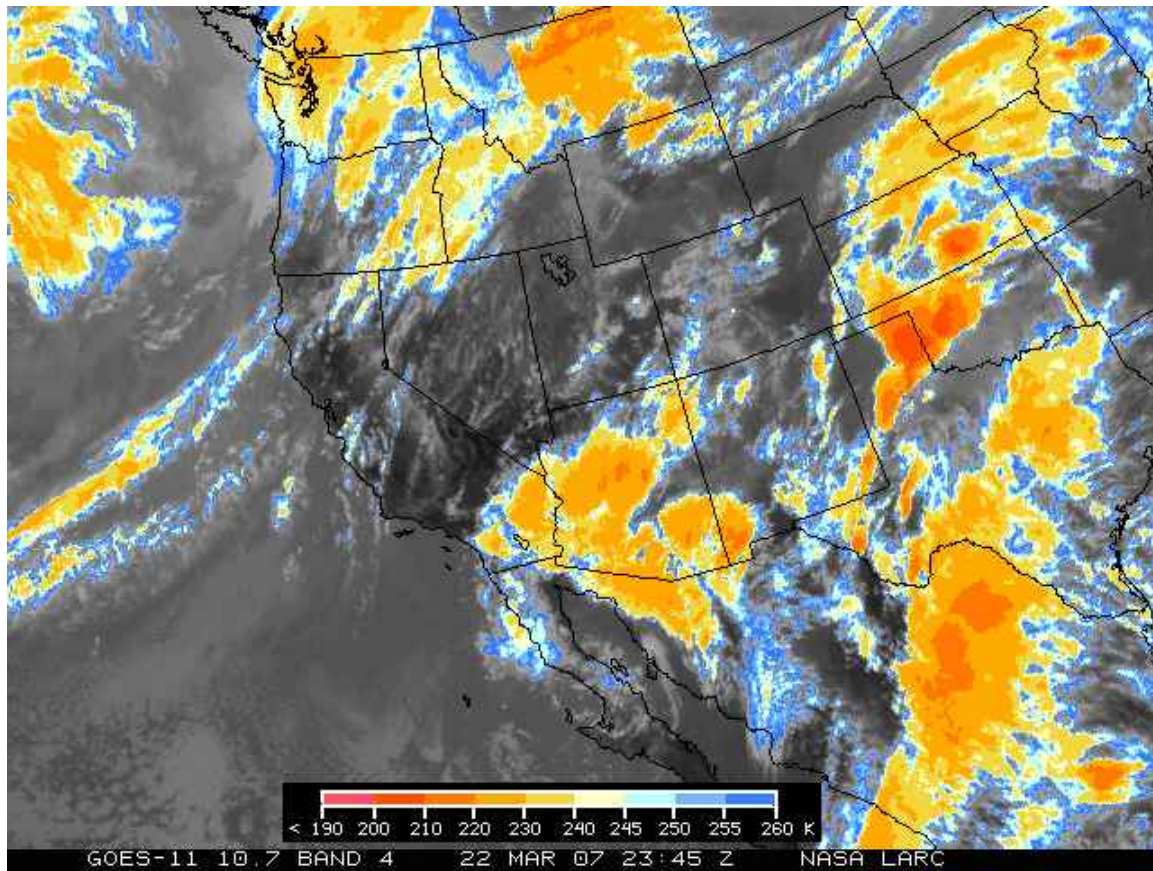
**Infrared Satellite Image for 1445 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-11**

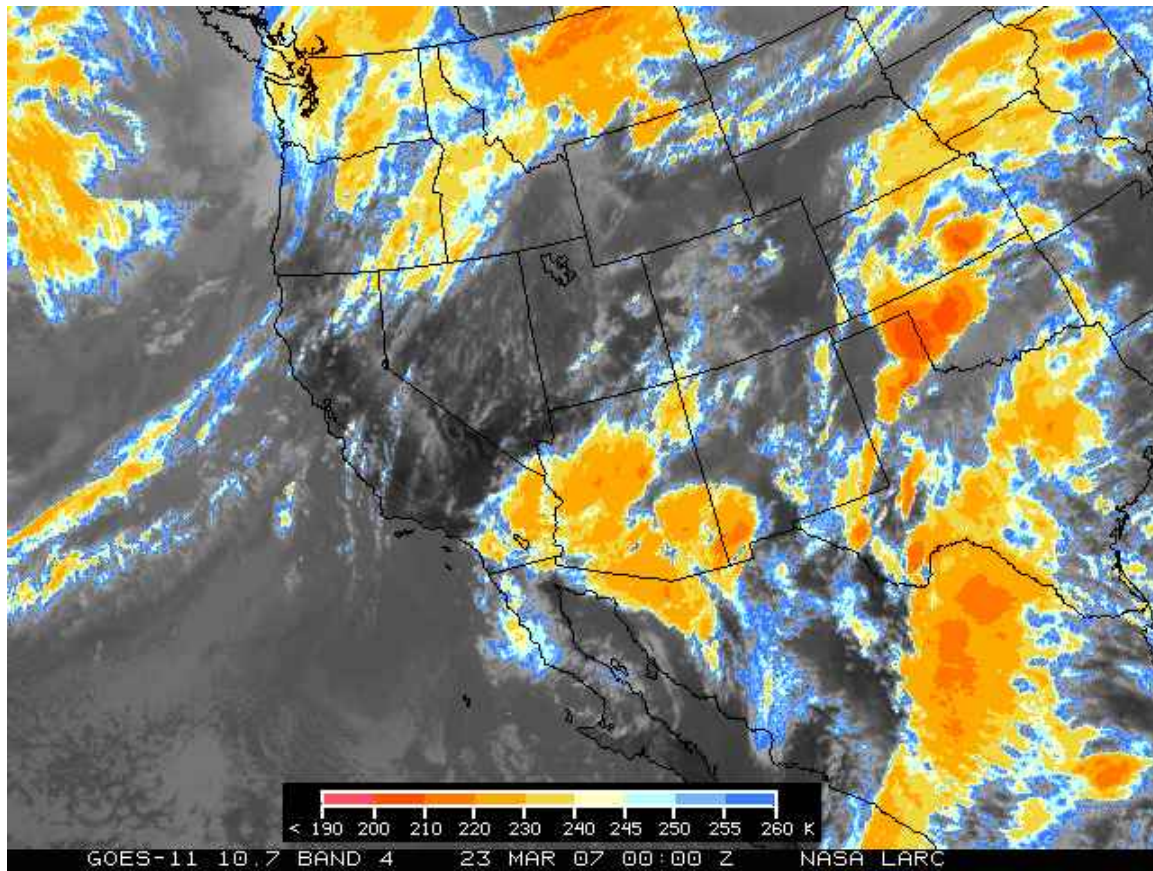
**Infrared Satellite Image for 1515 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-12**

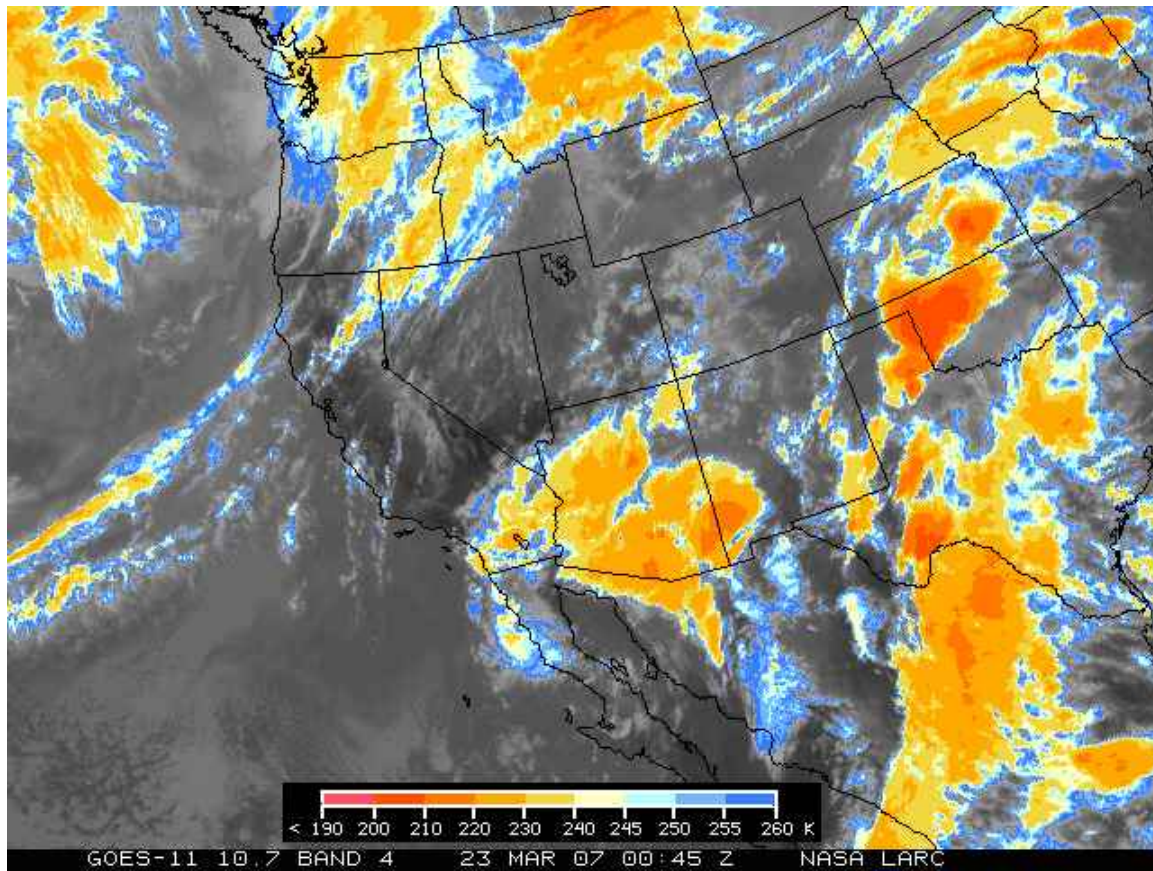
**Infrared Satellite Image for 1545 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-13**

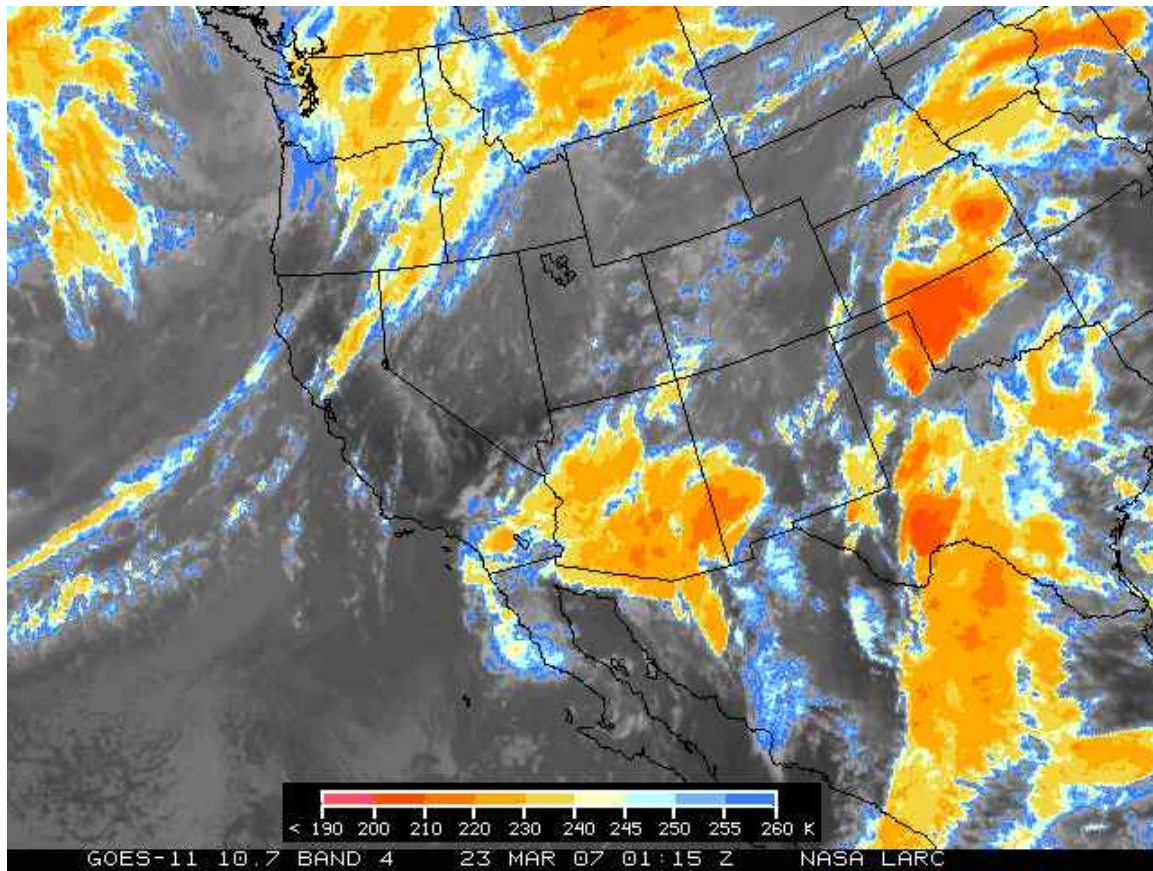
**Infrared Satellite Image for 1600 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-14**

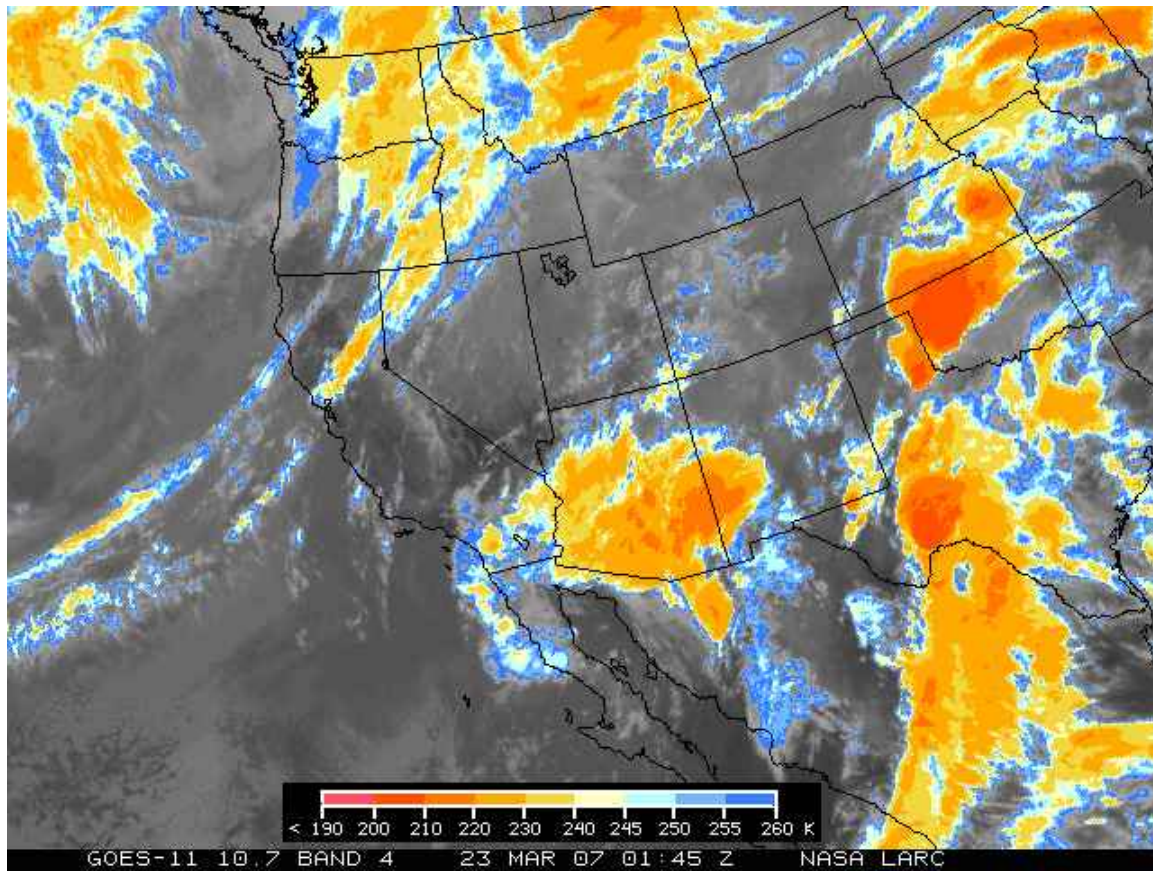
**Infrared Satellite Image for 1645 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-15**

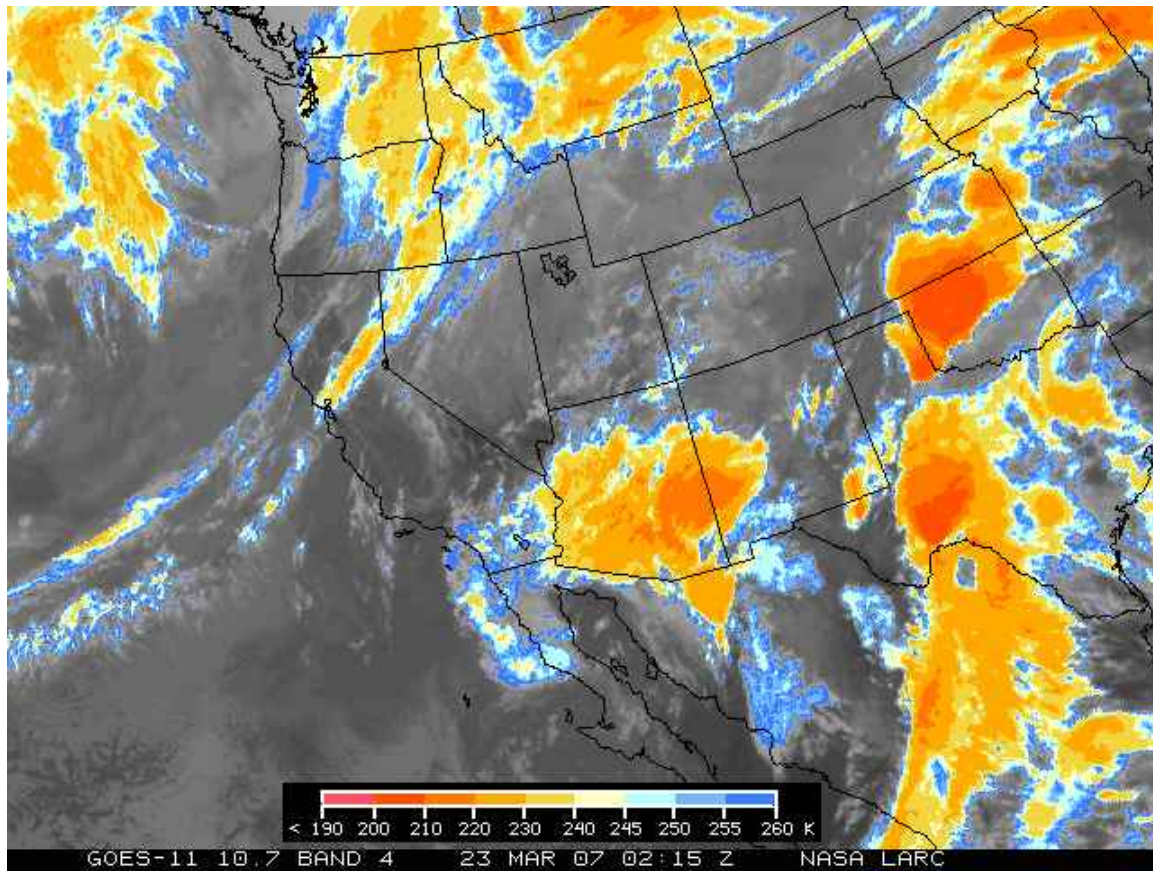
**Infrared Satellite Image for 1715 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-16**

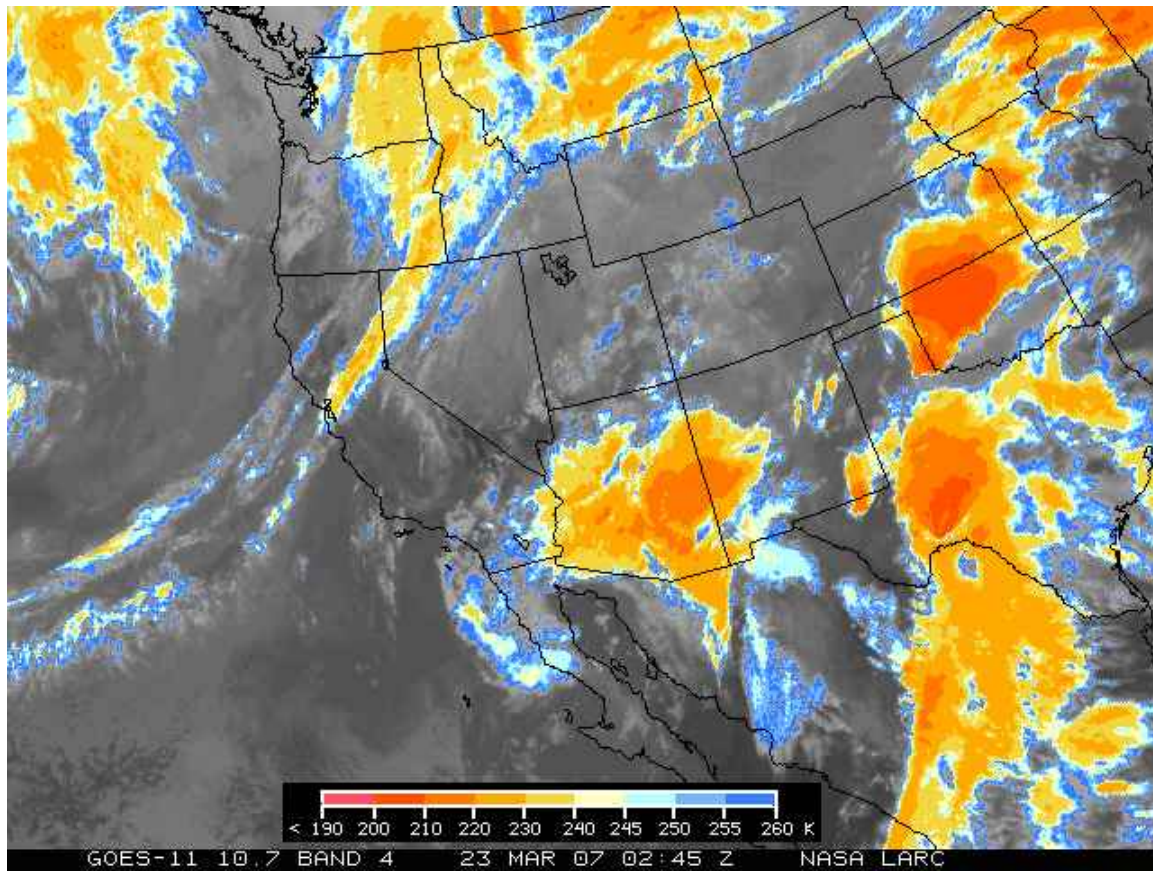
**Infrared Satellite Image for 1745 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-17**

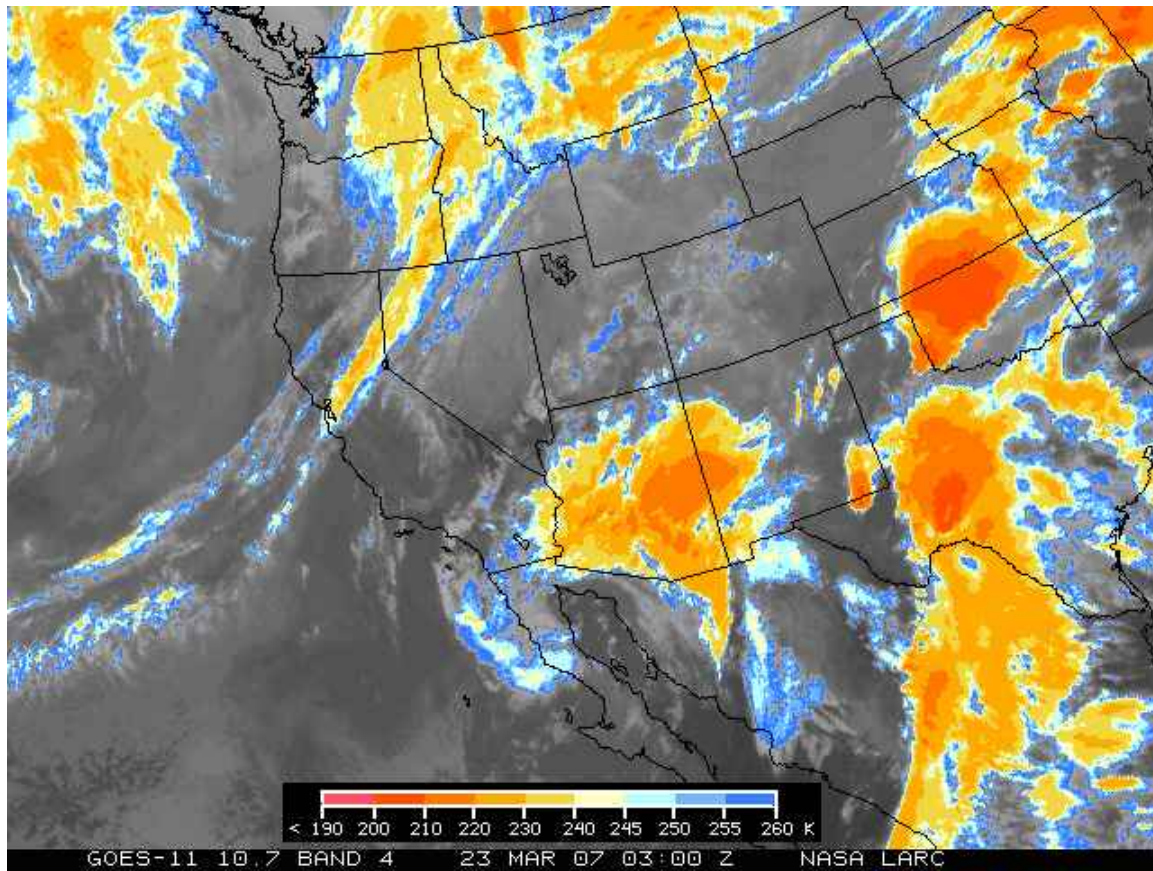
**Infrared Satellite Image for 1815 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-18**

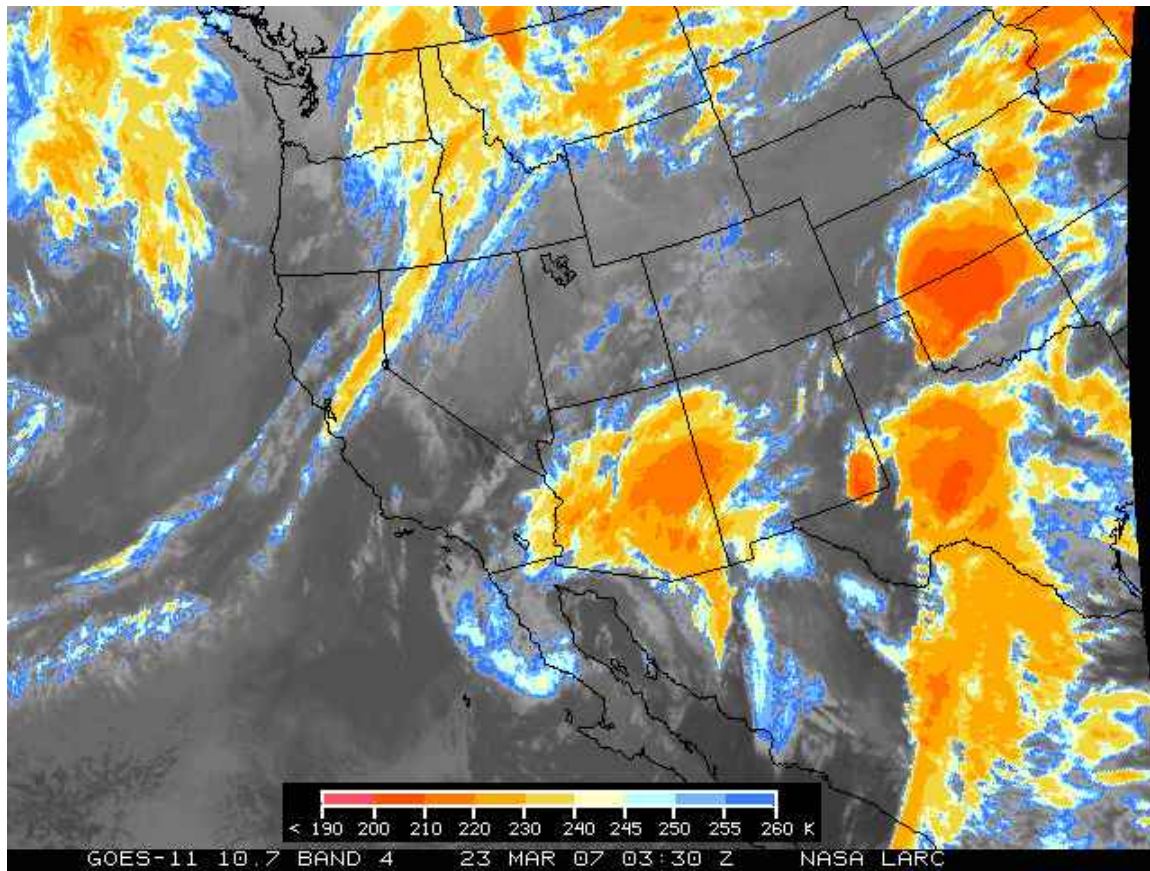
**Infrared Satellite Image for 1845 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-19**

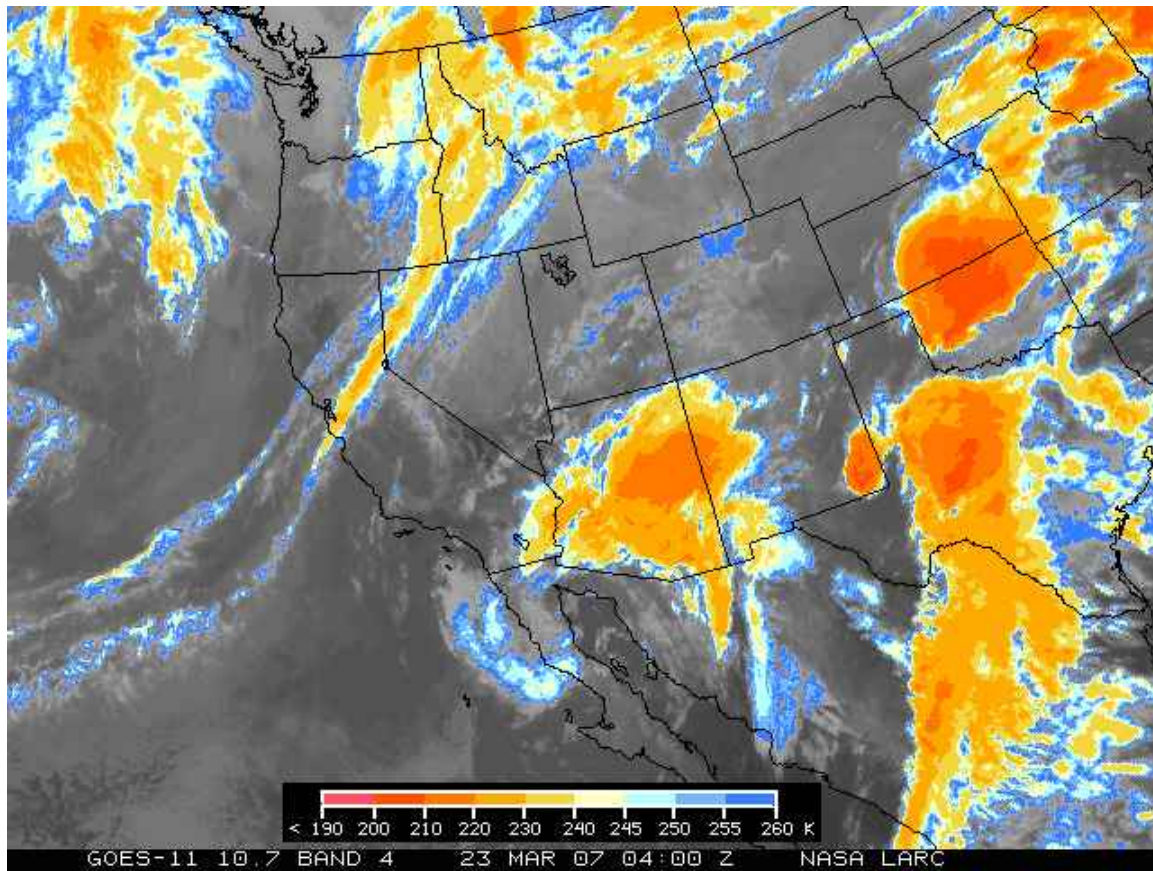
**Infrared Satellite Image for 1900 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-20**

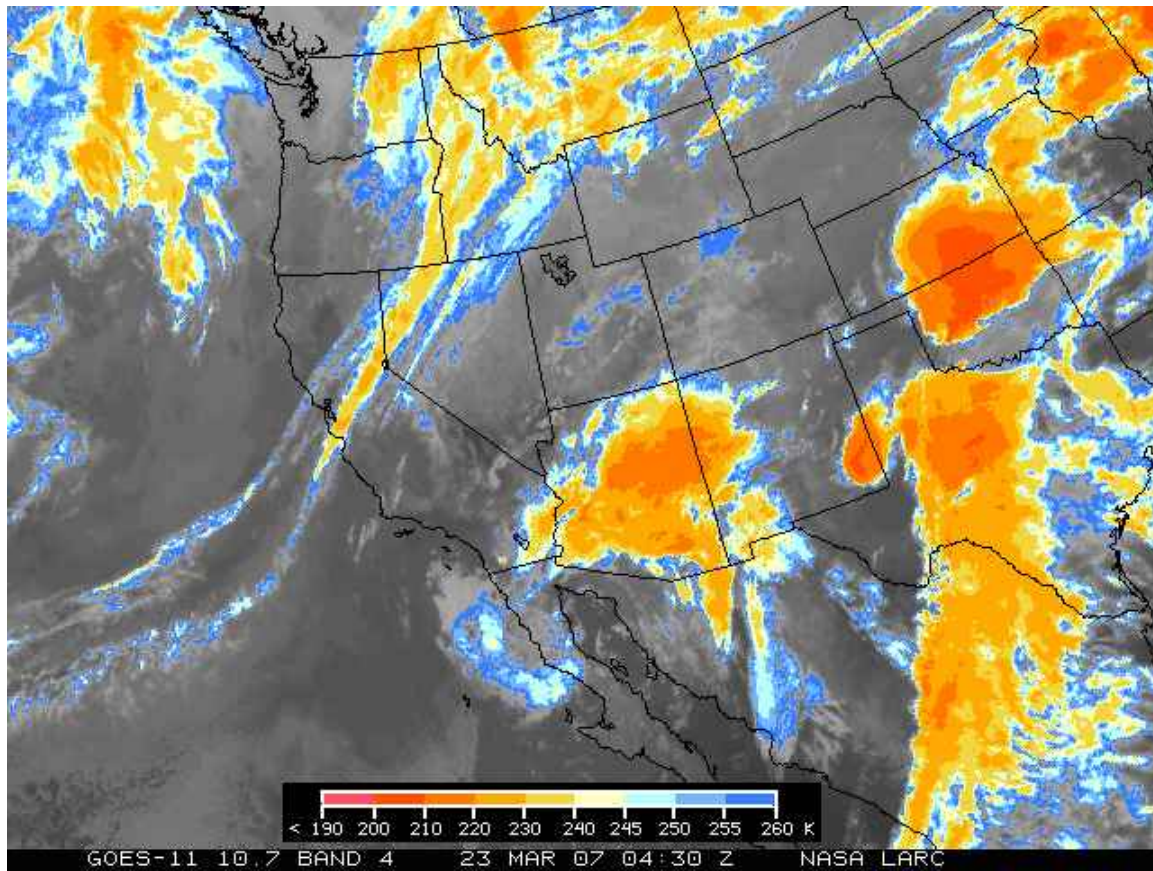
**Infrared Satellite Image for 1930 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-21**

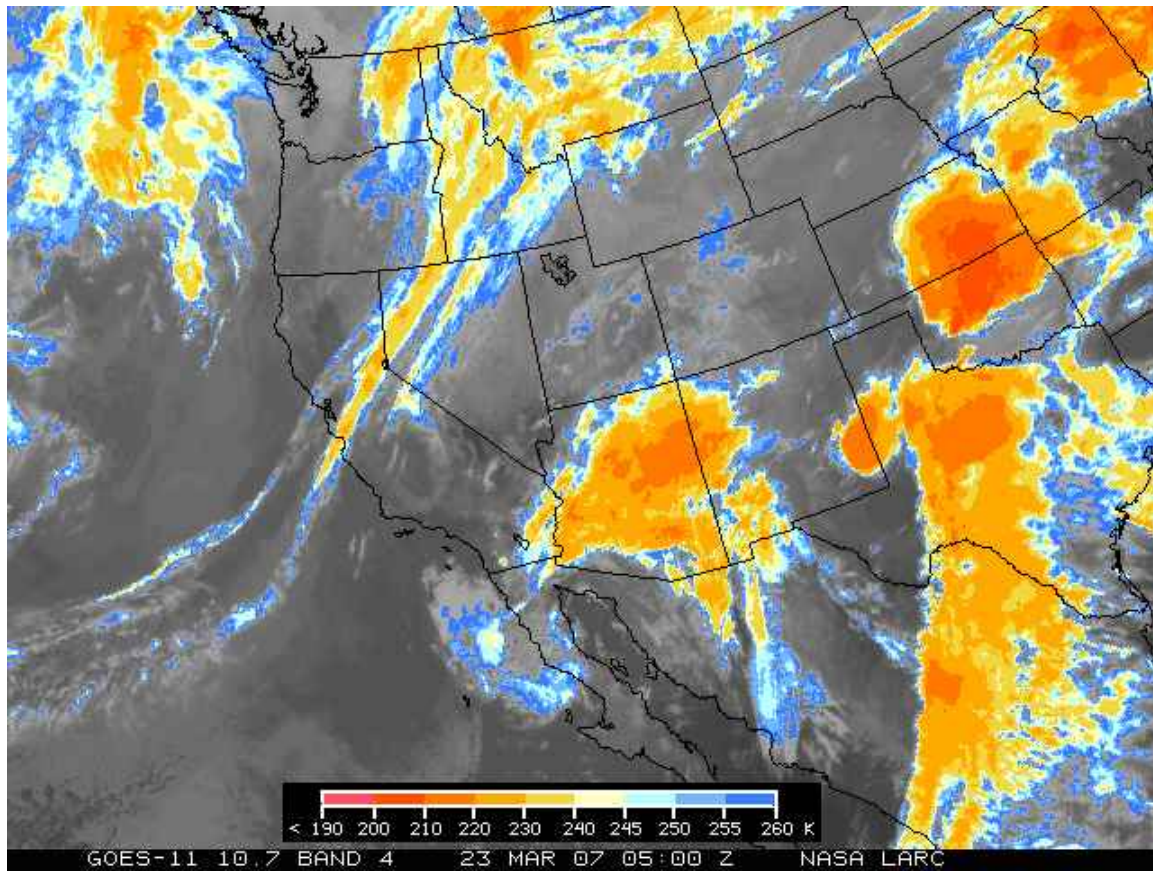
**Infrared Satellite Image for 2000 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-22**

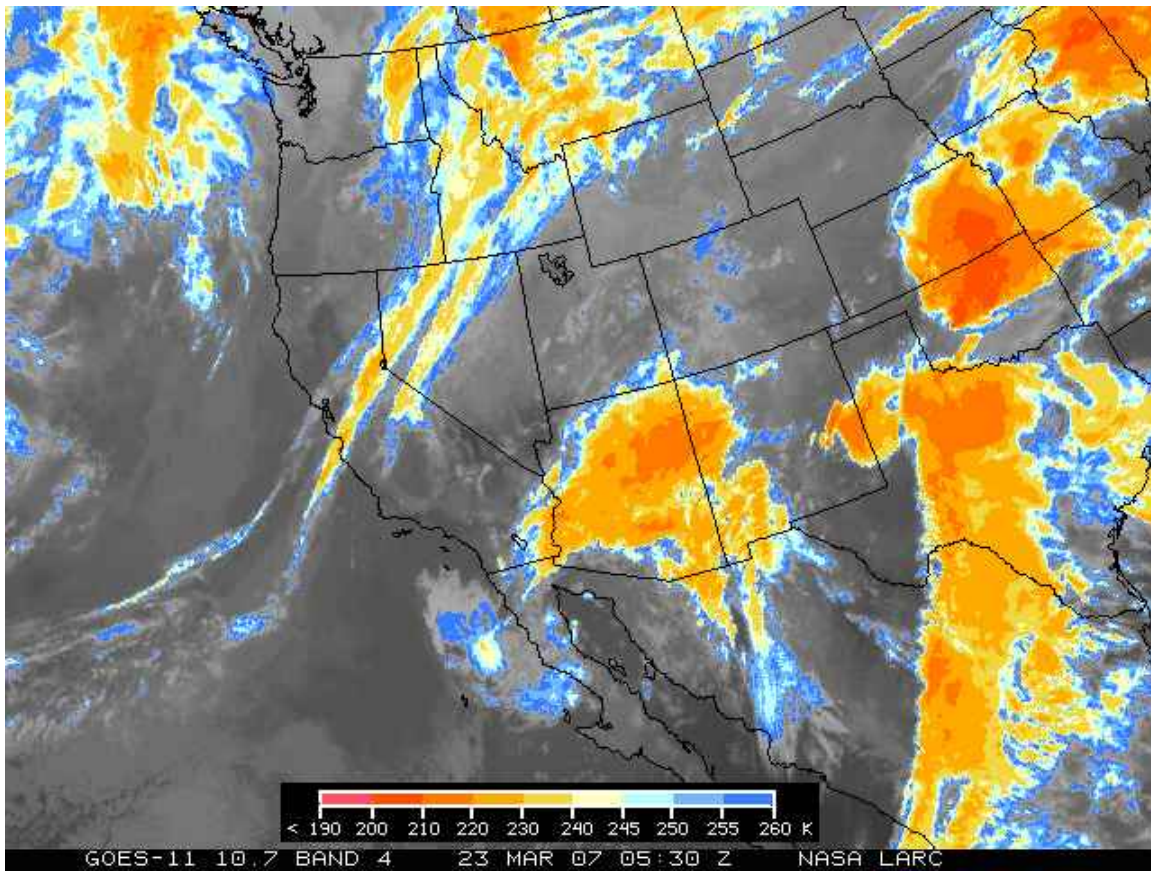
**Infrared Satellite Image for 2030 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-23**

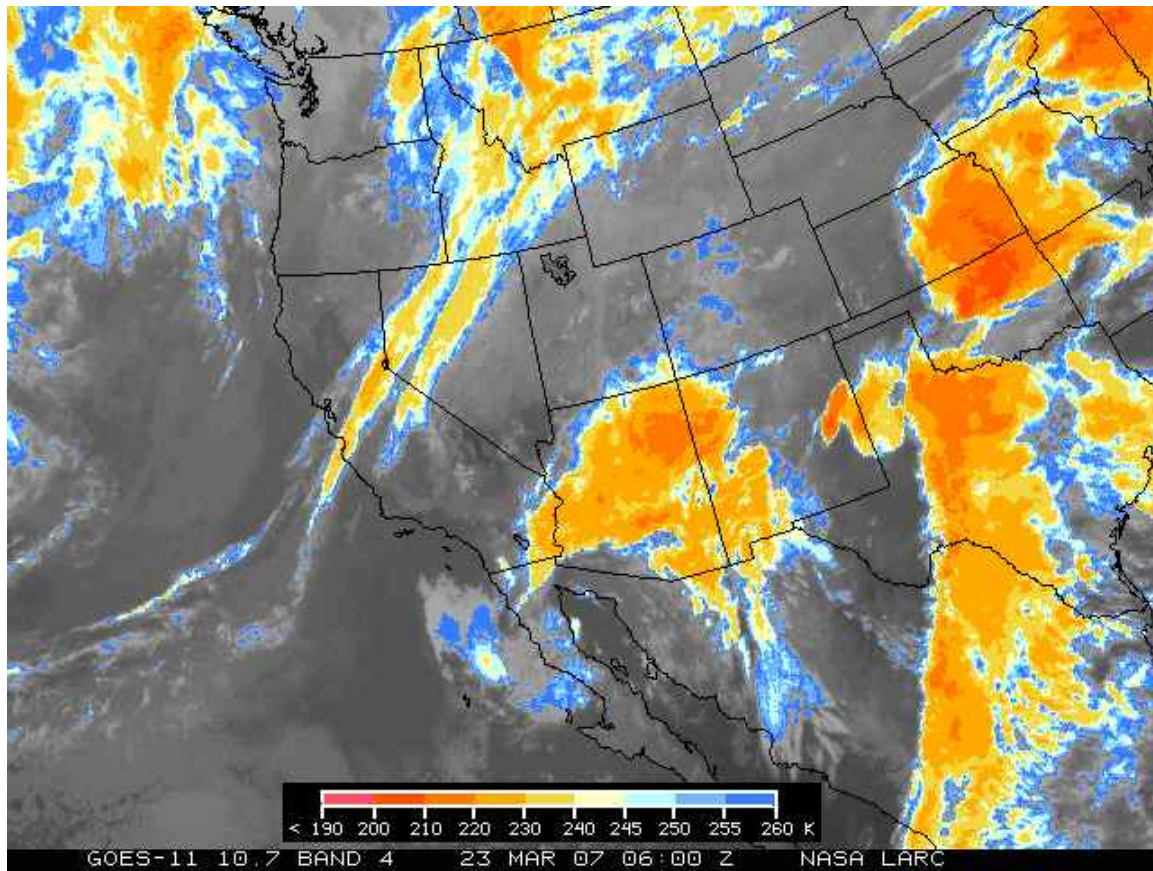
**Infrared Satellite Image for 2100 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-24**

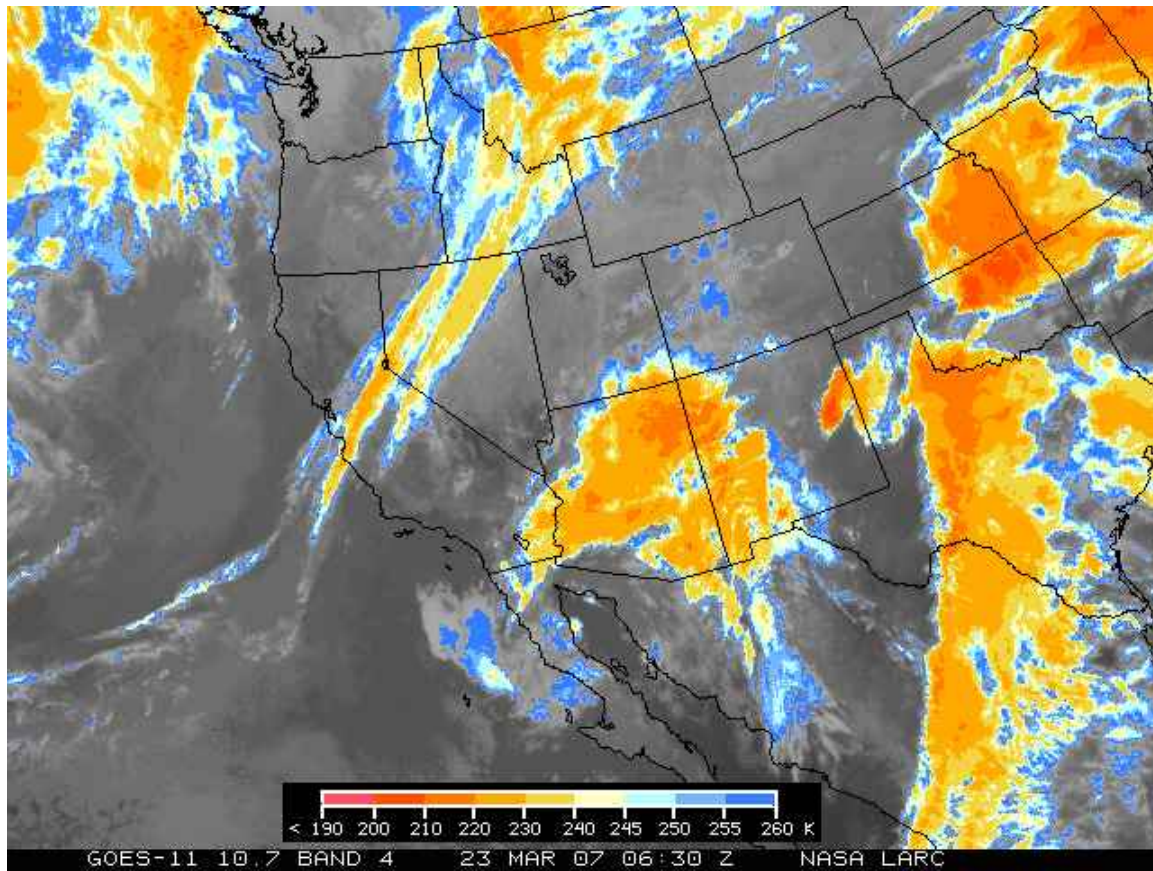
**Infrared Satellite Image for 2130 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-25**

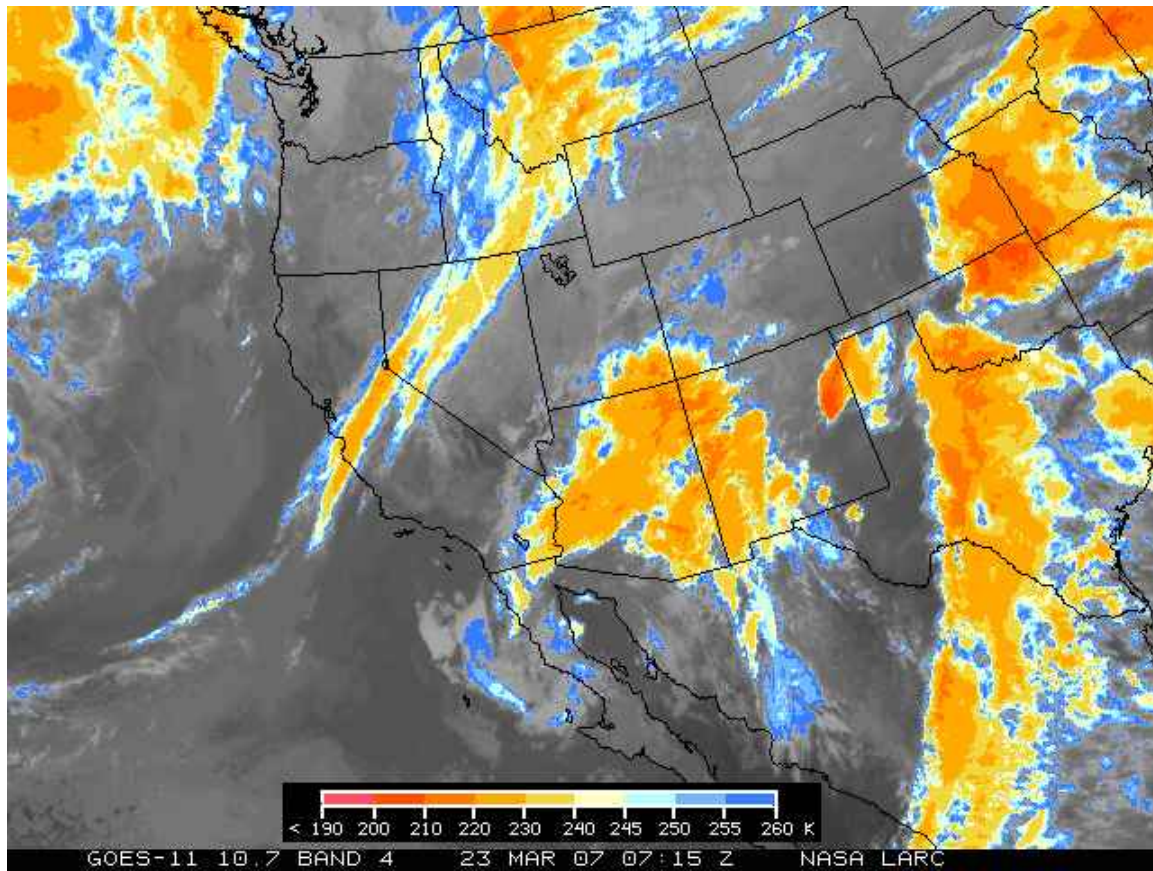
**Infrared Satellite Image for 2200 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-26**

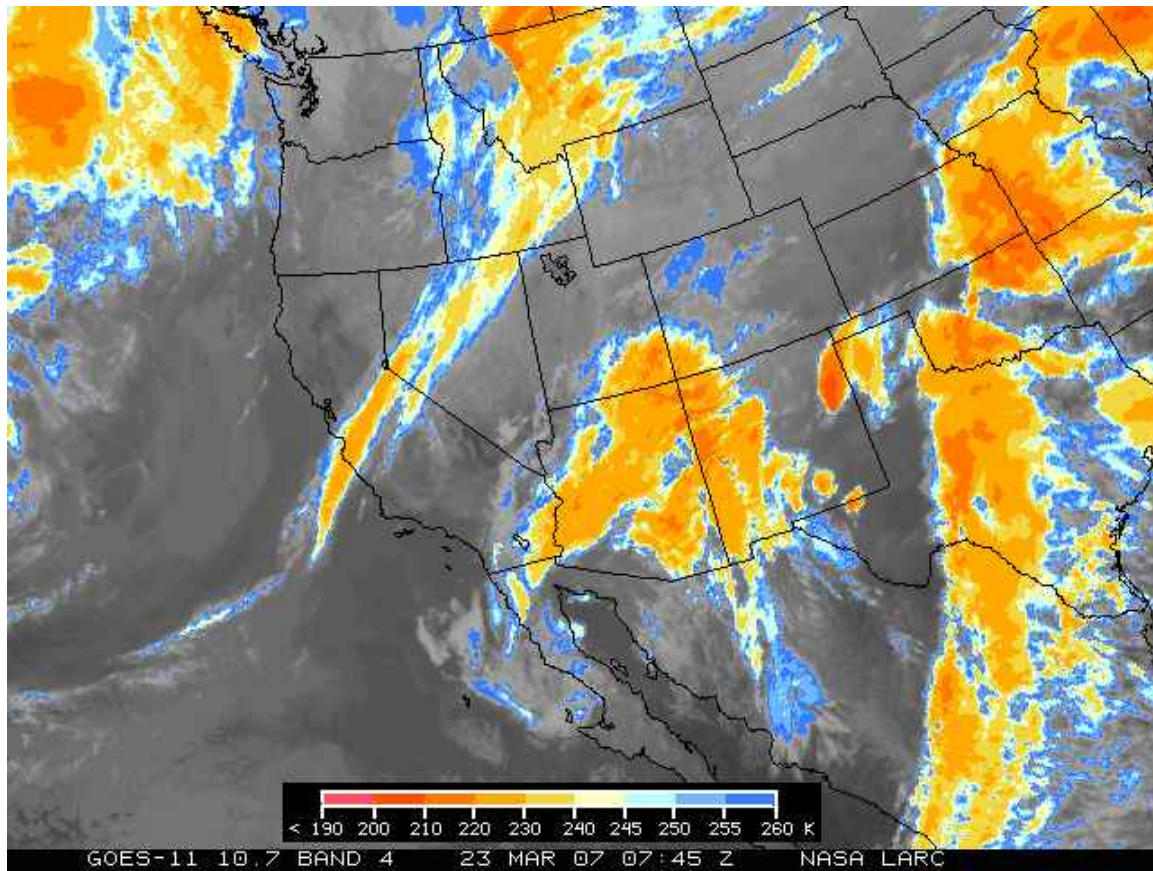
**Infrared Satellite Image for 2230 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-27**

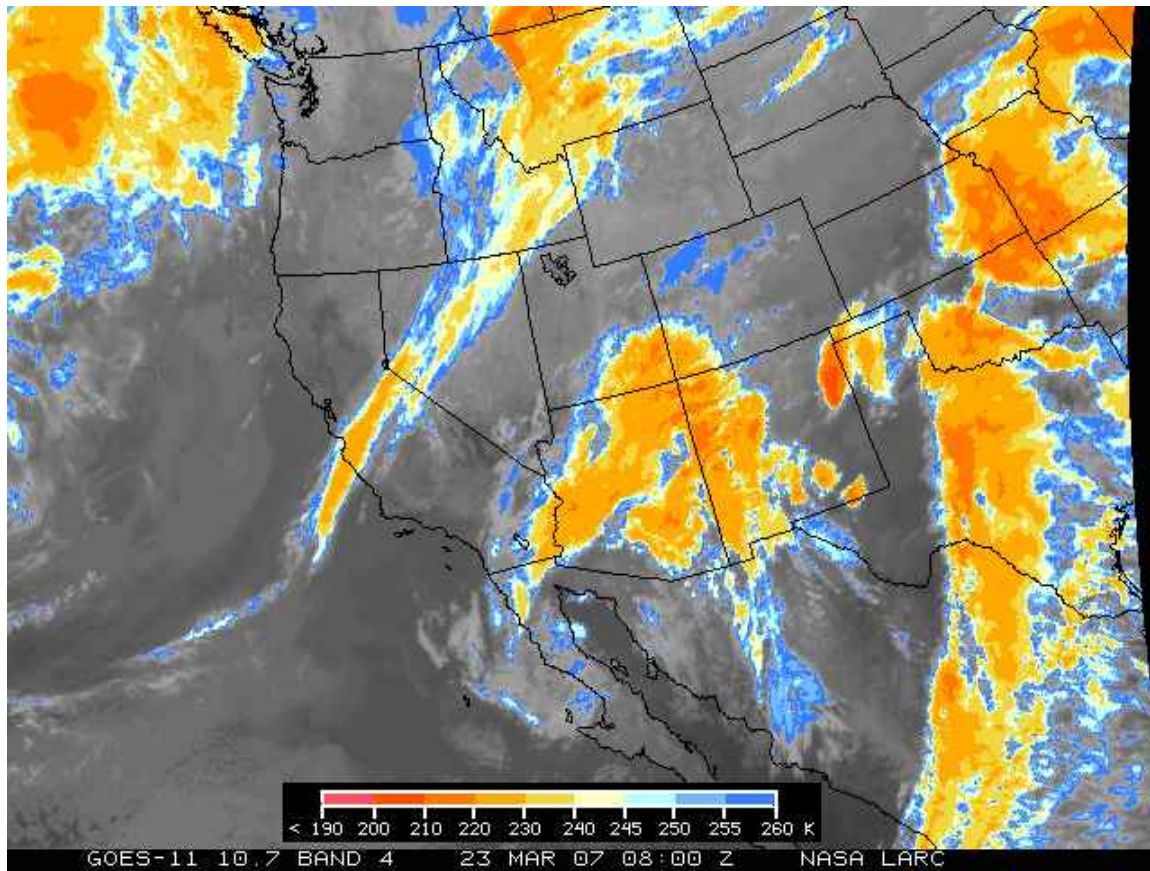
**Infrared Satellite Image for 2315 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*



**FIGURE A-28**

**Infrared Satellite Image for 2345 PST Thursday, March 22, 2007**  
*(with color enhancement to highlight colder/higher clouds)*





**FIGURE A-29**

**Infrared Satellite Image for 0000 PST Friday, March 23, 2007**  
*(with color enhancement to highlight colder/higher clouds)*