	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ALIFORNIA, South Cent	tral			
CA-Z096) S SIERRA MTNS				
	05/01/09 16:00 PST		0	Winter Storm
	05/02/09 02:30 PST		0	
CA-Z097) TULARE CTY MTNS				
	05/01/09 16:00 PST		0	Winter Weather
	05/02/09 02:30 PST		0	
deep fetch of subtropical mois 200 feet. Fresno received 0.40 learly as much, with the rain ga he Southern Sierra Nevada, Yo lequoia National Park. In the hi	level trough moving into California, bringing sture, resulting in high snow levels—above 9 inch of rain on May 1st, more than the norma auge at Meadows Field measuring 0.35 inch; semite Valley received just over 2 inches of a gh country of the Southern Sierra Nevada, sa ay 2nd, as a weak short-wave move through to	0000 feet for much al of 0.39 inch for the normal for th rain, and over 1.8 now did fall, with	n of the event, and the entire month. e month of May at inch of rain fell a up to 15 inches a	d ultimately no lower than Bakersfield received Bakersfield is 0.24 inch. In s far south as Lodgepole in t Upper Burnt Corral (9,700
	A ZOOO) OF IZEDNICTY DECEDT			
CA-LUSS) NEKN CIT WINS, (CA	<b>A-Z099) SE KERN CTY DESERT</b> 05/05/09 10:57 PST		1.50K	Strong Wind (MAX 49 kt)
	05/06/09 10:37 PST 05/06/09 23:27 PST		0	Salong Wind (1911 OC TO IC)
CA-Z099) SE KERN CTY DESER	RT			
0A-2000) 0E NEKK 011 BE0E.	05/12/09 16:47 PST 05/12/09 22:00 PST		0	High Wind (MAX 63 kt)
	05/12/09 22:00 PST		0	
	05/12/09 22:00 PST LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (C	CA-Z091) SW S.J.	0 VALLEY, (CA-Z09	92) SE S.J. VALLEY
	05/12/09 22:00 PST	CA-Z091) SW S.J.	0	
CA-Z089) W CENTRAL S.J. VAL  Temperatures slowly warmed the country of the Vall  Temperatures then leveled off for the 12th. This low-pressure to during the afternoon of May 12th  Weak high pressure over the standard still had not reached the country of the standard still had not reached the country of the standard still had not reached the standard standar	05/12/09 22:00 PST LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO. 05/15/09 11:00 PST	n San Joaquin Va , and Fresno had sure system brou n County desert, va at evening. ne region. Fresno the next day, as to of 88 on May 15th	O  VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ght cooling to int with gusts to 47 m  again reached 90 ne ridge strengthe to 99 the next da	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  o on May 15th, but ened over the state and y, and topped out at a
CA-Z089) W CENTRAL S.J. VAL  Temperatures slowly warmed the push of marine air filled the Vall  Temperatures then leveled off for the 12th. This low-pressure to during the afternoon of May 12th  Weak high pressure over the standard still had not reached emperatures jumped as much a record-setting 105 degrees on Merced County reached 108 degrees defined to the control of the cont	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that the brought another slow warming trend to the dependent of the depen	n San Joaquin Va , and Fresno had sure system brou n County desert, va at evening. ne region. Fresno the next day, as to of 88 on May 15th	O  VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ght cooling to int with gusts to 47 m  again reached 90 ne ridge strengthe to 99 the next da	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  o on May 15th, but ened over the state and y, and topped out at a
CA-Z089) W CENTRAL S.J. VAL demperatures slowly warmed the sush of marine air filled the Vall demperatures then leveled off for in the 12th. This low-pressure to luring the afternoon of May 12th Weak high pressure over the state state of the state of the susher still had not reached emperatures jumped as much a secord-setting 105 degrees on Merced County reached 108 degrees	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that the brought another slow warming trend to the dependent of the depen	n San Joaquin Va , and Fresno had sure system brou n County desert, va at evening. ne region. Fresno the next day, as to of 88 on May 15th	O  VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ght cooling to int with gusts to 47 m  again reached 90 ne ridge strengthe to 99 the next da	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  o on May 15th, but ened over the state and y, and topped out at a
CA-Z089) W CENTRAL S.J. VAL Temperatures slowly warmed the push of marine air filled the Vall Temperatures then leveled off for the 12th. This low-pressure to luring the afternoon of May 12th Weak high pressure over the state and the state of the state	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that the brought another slow warming trend to the dependent of the depen	n San Joaquin Va , and Fresno had sure system brou n County desert, va at evening. ne region. Fresno the next day, as to of 88 on May 15th	O  VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ught cooling to int with gusts to 47 m  again reached 90 ne ridge strengthe to 99 the next da I Air Station, Leme	degrees on the 7th as a ees on May 9th. terior central California aph at Edwards AFB  on May 15th, but ened over the state and and topped out at a core. Castle Airport in
CA-Z089) W CENTRAL S.J. VAL  Temperatures slowly warmed the country of marine air filled the Vall  Temperatures then leveled off for the 12th. This low-pressure to during the afternoon of May 12th  Weak high pressure over the standard still had not reached the country in the second-setting 105 degrees on Werced County reached 108 degrees of the country of the coun	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that ate brought another slow warming trend to the dependent of the dependent of the dependent of the dependent of the degrees. Bakersfield went from a high of May 17th. Fresno was even warmer, reaching grees, and Coalinga sizzled at 110 degrees.  ARDS [34.91, -117.93]  05/18/09 13:04 PST	n San Joaquin Va , and Fresno had sure system brou n County desert, v at evening. The region. Fresno the next day, as the of 88 on May 15th 106, as did Nava	VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ight cooling to int with gusts to 47 m again reached 90 ne ridge strengthe to 99 the next da I Air Station, Leme	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  on May 15th, but ened over the state and y, and topped out at a oore. Castle Airport in  Thunderstorm Wind (MG 64 kt) Source: Other Federal Agency
CA-Z089) W CENTRAL S.J. VAL  Temperatures slowly warmed the push of marine air filled the Vall  Temperatures then leveled off for the 12th. This low-pressure to the luring the afternoon of May 12th  Weak high pressure over the standard state of the standard	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming tr	n San Joaquin Va , and Fresno had sure system brou n County desert, v at evening. The region. Fresno the next day, as the of 88 on May 15th 106, as did Nava	VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ight cooling to int with gusts to 47 m again reached 90 ne ridge strengthe to 99 the next da I Air Station, Leme	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  on May 15th, but ened over the state and y, and topped out at a oore. Castle Airport in  Thunderstorm Wind (MG 64 kt) Source: Other Federal Agency
CA-Z089) W CENTRAL S.J. VAL  Temperatures slowly warmed the push of marine air filled the Vall Temperatures then leveled off for the 12th. This low-pressure to during the afternoon of May 12th  Weak high pressure over the standard still had not reached emperatures jumped as much a record-setting 105 degrees on Marced County reached 108 degrees of CERN COUNTY 0.9 SW EDWA	05/12/09 22:00 PST  LLEY, (CA-Z090) E CENTRAL S.J. VALLEY, (CO 05/15/09 11:00 PST 05/16/09 20:00 PST  nrough May 6th, then the central and souther ley. This pool of marine air rapidly mixed out or a couple of days, before the next low-prestrough also brought strong winds to the Kerrh, and gusts as high as 73 mph at Mojave that debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought and debrought another slow warming trend to the debrought another slow warming tr	n San Joaquin Va , and Fresno had sure system brou n County desert, v at evening. The region. Fresno the next day, as the of 88 on May 15th 106, as did Nava	VALLEY, (CA-ZOS  0 0 alley cooled a few a high of 90 degr ight cooling to int with gusts to 47 m again reached 90 ne ridge strengthe to 99 the next da I Air Station, Leme	degrees on the 7th as a ees on May 9th. terior central California uph at Edwards AFB  on May 15th, but ened over the state and y, and topped out at a oore. Castle Airport in  Thunderstorm Wind (MG 64 kt) Source: Other Federal Agency

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TULARE COUNTY --- 2.8 S MINERAL KING [36.41, -118.58]

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/18/09 15:00 PST		0	Funnel Cloud
	05/18/09 15:00 PST		0	Source: Trained Spotter
trained spotter reported a funnel cloud.				
ERN COUNTY 3.6 WNW INYOKERN	AIRPORT [35.69, -117.89]			
	05/18/09 15:13 PST		0	Thunderstorm Wind (MG 63 kt)
	05/18/09 15:18 PST		0	Source: Mesonet
hunderstorm outflow generated severe w	vind gusts.			
MARIPOSA COUNTY 3.0 NNE MIDPIN				
	05/18/09 15:48 PST		1.50K 0	Thunderstorm Wind (EG 50 kt) Source: Law Enforcement
Polifornia Highway Datrol reported 2 trace	05/18/09 15:55 PST		U	Source. Law Emorcement
California Highway Patrol reported 3 trees	downed across SR 140 near Briceb	urg.		
TULARE COUNTY 17.2 ENE JOHNSOI	NDALE [36.09, -118.26] 05/18/09 17:21 PST		0	Thunderstorm Wind (MC 51 H)
	05/18/09 17:21 PST 05/18/09 17:26 PST		0	Thunderstorm Wind (MG 51 kt) Source: Mesonet
Severe criteria wind gusts from a severe tl			-	- 3
severe ciliena wina gusts irom a severe ti	nunderstorm.			
torm near Edwards Air Force Base. The long the Southern Sierra Nevada, trigge	ering another round of thunderstor	sunset, then an u ms. The strongest	oper-level disturba storms were over	ance moved northwest r the mountains of
storm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as t chunderstorms propagated westward int was under a tenth of an inch, although Y	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, ou to Merced County before finally end osemite Valley recorded 0.33 inch,	sunset, then an u ms. The strongest tflow winds cause ding late in the eve with a quarter inc	oper-level disturba storms were over d more storms to ening. Rainfall fror th of rain falling in	ance moved northwest r the mountains of develop. Ultimately, the n these storms mostly one hour.
western portion of Kern County. Four Sestorm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as thunderstorms propagated westward intwas under a tenth of an inch, although YMADERA COUNTY COARSEGOLD [37] COARSEGOLD [37]	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, our to Merced County before finally end osemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL	sunset, then an u ms. The strongest tflow winds cause ding late in the eve with a quarter inc	oper-level disturba storms were over d more storms to ening. Rainfall from the of rain falling in	ance moved northwest r the mountains of develop. Ultimately, the m these storms mostly one hour.  DLD [37.24, -119.70], 1.0 E
storm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as t hunderstorms propagated westward int was under a tenth of an inch, although Y	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, our to Merced County before finally end o'osemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL	sunset, then an u ms. The strongest tflow winds cause ding late in the eve with a quarter inc	oper-level disturbates storms were over distorms to distorm to the storm to the sto	ance moved northwest r the mountains of develop. Ultimately, the m these storms mostly one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain)
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storm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as t chunderstorms propagated westward int was under a tenth of an inch, although Y	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, out to Merced County before finally end osemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL 05/27/09 15:30 PST 05/27/09 15:50 PST cch of rain in only 45 minutes in Coar	sunset, then an upms. The strongest tflow winds cause ding late in the even with a quarter incomp. [37.26, -119.71],	oper-level disturbates storms were over distorms to ening. Rainfall from the of rain falling in 2.0 S COARSEGO	r the mountains of develop. Ultimately, the m these storms mostly one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain) Source: Trained Spotter
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storm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as thunderstorms propagated westward into was under a tenth of an inch, although YMADERA COUNTY COARSEGOLD [37:000]  A trained SKYWARN spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOLD A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOLD	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, out to Merced County before finally end osemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL 05/27/09 15:30 PST 05/27/09 15:50 PST och of rain in only 45 minutes in Coar LD [37.26, -119.70] 05/27/09 15:40 PST och of rain with the control of the co	sunset, then an upms. The strongest tflow winds cause ting late in the even with a quarter incomp. D [37.26, -119.71], segold. Several muse.	oper-level disturbates storms were over disturbates storms were over disturbates and along SR and along SR and along SR area and along SR	r the mountains of develop. Ultimately, the in these storms mostly in one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain) Source: Trained Spotter on SR 41 near Coarsegold.  Hail (1.50 in) Source: Trained Spotter  41 near the Chukchansi Report.
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storm near Edwards Air Force Base. The along the Southern Sierra Nevada, trigge Madera and Mariposa Counties, and as thunderstorms propagated westward into was under a tenth of an inch, although Y MADERA COUNTY COARSEGOLD [37 COARSEGOLD [37.27, -119.68]  A trained SKYWARN spotter reported 1 in	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, out to Merced County before finally end fosemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL 05/27/09 15:30 PST 05/27/09 15:50 PST of rain in only 45 minutes in Coar LD [37.26, -119.70] 05/27/09 15:40 PST 05/27/09 15:40 PST orted numerous windshields broken in LD [37.26, -119.70] 05/27/09 15:45 PST 05/27/09 15:45 PST of received in the coarsegold.	sunset, then an upms. The strongest tflow winds cause ting late in the even with a quarter incomp. D [37.26, -119.71], segold. Several muse.	oper-level disturbates storms were over disturbates storms were over disturbates and along SR of the control of	r the mountains of develop. Ultimately, the in these storms mostly in one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain) Source: Trained Spotter on SR 41 near Coarsegold.  Hail (1.50 in) Source: Trained Spotter  41 near the Chukchansi Report.  Hail (0.88 in) Source: Broadcast Media
A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL  A trained SKYWARN weather spotter reported 1 in MADERA COUNTY 0.7 S COARSEGOL	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, out to Merced County before finally end fosemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL 05/27/09 15:30 PST 05/27/09 15:50 PST 05/27/09 15:40 PST 05/27/09 15:40 PST 05/27/09 15:40 PST 05/27/09 15:45 PST 05/28/09 16:30 PST 05/28/09 16:30 PST 05/28/09 16:30 PST 05/28/09 16:40 PST	sunset, then an upms. The strongest tflow winds cause ting late in the even with a quarter incomp. D [37.26, -119.71], segold. Several muse.	oper-level disturbates storms were over disturbates storms were over disturbates and storms to ening. Rainfall from the of rain falling in the control of th	r the mountains of develop. Ultimately, the m these storms mostly one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain) Source: Trained Spotter on SR 41 near Coarsegold.  Hail (1.50 in) Source: Trained Spotter  41 near the Chukchansi Report.  Hail (0.88 in) Source: Broadcast Media
A trained SKYWARN weather spotter reported 1 in trained SKYWARN weather spotter reported 2 in trained SKYWARN weather spotter reported 5 in trained SKYWARN weather spotter reported 6 in trained 5 in tra	ere was a lull in the activity around ering another round of thunderstor these thunderstorms collapsed, out to Merced County before finally end fosemite Valley recorded 0.33 inch, 7.27, -119.70], 1.0 SW COARSEGOL 05/27/09 15:30 PST 05/27/09 15:50 PST 05/27/09 15:40 PST 05/27/09 15:40 PST 05/27/09 15:40 PST 05/27/09 15:45 PST 05/28/09 16:30 PST 05/28/09 16:30 PST 05/28/09 16:40 PST ny size hail.	sunset, then an upms. The strongest tflow winds cause ting late in the even with a quarter incomp. D [37.26, -119.71], segold. Several muse.	oper-level disturbates storms were over disturbates storms were over disturbates and storms to ening. Rainfall from the of rain falling in the control of th	r the mountains of develop. Ultimately, the m these storms mostly one hour.  DLD [37.24, -119.70], 1.0 E  Flash Flood (due to Heavy Rain) Source: Trained Spotter on SR 41 near Coarsegold.  Hail (1.50 in) Source: Trained Spotter  41 near the Chukchansi Report.  Hail (0.88 in) Source: Broadcast Media
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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A spotter reported penny sized hail in `	Yosemite National Park.			
TULARE COUNTY 0.9 SW PORTER	- '		4017	Thursday August (FO FF II)
	05/28/09 19:00 PST		12K	Thunderstorm Wind (EG 55 kt)
	05/28/09 19:10 PST		0	Source: Law Enforcement
_aw enforcement in Porterville reporte	d a roof blown off a barn due to outflow	winds from a sever	e thunderstorm.	
TULARE COUNTY 3.0 E VISALIA [	36.33, -119.25]			
	05/28/09 19:30 PST		2K	Thunderstorm Wind (EG 50 kt)
	05/28/09 19:35 PST		0	Source: NWS Employee
NWS Employee reported trees down a	and near zero visibility in blowing dust al	ong SR 198 just ea	st of Visalia.	
FULARE COUNTY OROSI [36.55, -	119.28]			
- ,	05/28/09 19:37 PST		1.50M	Thunderstorm Wind (EG 50 kt)
	05/28/09 19:42 PST		0	Source: NWS Storm Survey
and tops, and eyewitness accounts. G  Winds were estimated at 60 mph.  FULARE COUNTY 4.2 S LINNELL	ust front tornadoes can occur in the out	now or a severe thu	nuerstorm and are	e not considered to be true tornadoes.
4.2 0 2.111222	05/28/09 19:40 PST		0.13M	Hail (1.50 in)
				( ( )
	-	er) 6 miles east of 0	0 Orange Cove. The	Source: Trained Spotter
A trained NWS spotter reported ping p damage, dented metal and damaged v	ong ball sized hail (1.5 inches in diamet windshields on cars.	er) 6 miles east of 0	Orange Cove. The	e large hail caused broken windows, roof
damage, dented metal and damaged v	ong ball sized hail (1.5 inches in diamet windshields on cars.	er) 6 miles east of 0		·
damage, dented metal and damaged v	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST	er) 6 miles east of 0	Orange Cove. The	e large hail caused broken windows, roof  Hail (1.00 in)
damage, dented metal and damaged v  TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter sizes	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.	er) 6 miles east of 0	Orange Cove. The	e large hail caused broken windows, roof  Hail (1.00 in)
damage, dented metal and damaged v  FULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter sizes	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.	er) 6 miles east of 0	Orange Cove. The	e large hail caused broken windows, roof  Hail (1.00 in)
damage, dented metal and damaged v  TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter sizes	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.	er) 6 miles east of 0	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter
damage, dented metal and damaged variations.  TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter sizes  TULARE COUNTY GOSHEN [36.35	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  05/28/09 20:05 PST 05/28/09 20:05 PST	er) 6 miles east of 0	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)
damage, dented metal and damaged variations.  TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35]  A three foot diameter tree was downed	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32]	er) 6 miles east of 0	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)
damage, dented metal and damaged variations.  TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35]  A three foot diameter tree was downed	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32]	er) 6 miles east of 0	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt)
TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35]  A three foot diameter tree was downed	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.	er) 6 miles east of 0	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
TULARE COUNTY 0.6 E CINOWTH A trained spotter reported quarter size TULARE COUNTY GOSHEN [36.35 A three foot diameter tree was downed	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.  E COVE [36.64, -119.31] 05/28/09 20:13 PST		Orange Cove. The	the large hail caused broken windows, roof  Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
TULARE COUNTY 0.6 E CINOWTH A trained spotter reported quarter size TULARE COUNTY GOSHEN [36.35 A three foot diameter tree was downed FRESNO COUNTY 0.9 NE ORANGI County officials reported a large tree d	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  5, -119.42] 05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.  E COVE [36.64, -119.31] 05/28/09 20:13 PST 05/28/09 20:18 PST		Orange Cove. The	the large hail caused broken windows, roof  Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
TULARE COUNTY 0.6 E CINOWTH A trained spotter reported quarter size TULARE COUNTY GOSHEN [36.35 A three foot diameter tree was downed FRESNO COUNTY 0.9 NE ORANGI County officials reported a large tree d	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  5, -119.42] 05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.  E COVE [36.64, -119.31] 05/28/09 20:13 PST 05/28/09 20:18 PST		Orange Cove. The	the large hail caused broken windows, roof  Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
TULARE COUNTY 0.6 E CINOWTH A trained spotter reported quarter size TULARE COUNTY GOSHEN [36.35 A three foot diameter tree was downed FRESNO COUNTY 0.9 NE ORANGI County officials reported a large tree d	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  5, -119.42] 05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.  E COVE [36.64, -119.31] 05/28/09 20:13 PST 05/28/09 20:18 PST		Orange Cove. The	Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter
TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35  A three foot diameter tree was downed  FRESNO COUNTY 0.9 NE ORANGI  County officials reported a large tree d	ong ball sized hail (1.5 inches in diamet windshields on cars.  S CORNER [36.33, -119.32] 05/28/09 19:45 PST 05/28/09 19:50 PST d hail on the west side of Visalia.  05/28/09 20:05 PST 05/28/09 20:05 PST d by severe thunderstorm winds.  E COVE [36.64, -119.31] 05/28/09 20:13 PST 05/28/09 20:18 PST  lowned onto a house from severe thunder, -119.65] 05/28/09 20:15 PST	erstorm winds.	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: County Official
TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35  A three foot diameter tree was downed  FRESNO COUNTY 0.9 NE ORANGI  County officials reported a large tree d  KINGS COUNTY HANFORD [36.33]	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32]	erstorm winds.	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: County Official
TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35  A three foot diameter tree was downed  FRESNO COUNTY 0.9 NE ORANGI  County officials reported a large tree d  KINGS COUNTY HANFORD [36.33]	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32]	erstorm winds.	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: County Official  Thunderstorm Wind (EG 55 kt) Source: NWS Employee
TULARE COUNTY 0.6 E CINOWTH  A trained spotter reported quarter size  TULARE COUNTY GOSHEN [36.35  A three foot diameter tree was downed  FRESNO COUNTY 0.9 NE ORANGI  County officials reported a large tree d  KINGS COUNTY HANFORD [36.33]	ong ball sized hail (1.5 inches in diamet windshields on cars.  IS CORNER [36.33, -119.32]	erstorm winds.	Orange Cove. The	Hail (1.00 in) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: Trained Spotter  Thunderstorm Wind (EG 50 kt) Source: County Official

KINGS COUNTY --- 0.6 W SHORT ACRES [36.35, -119.66]

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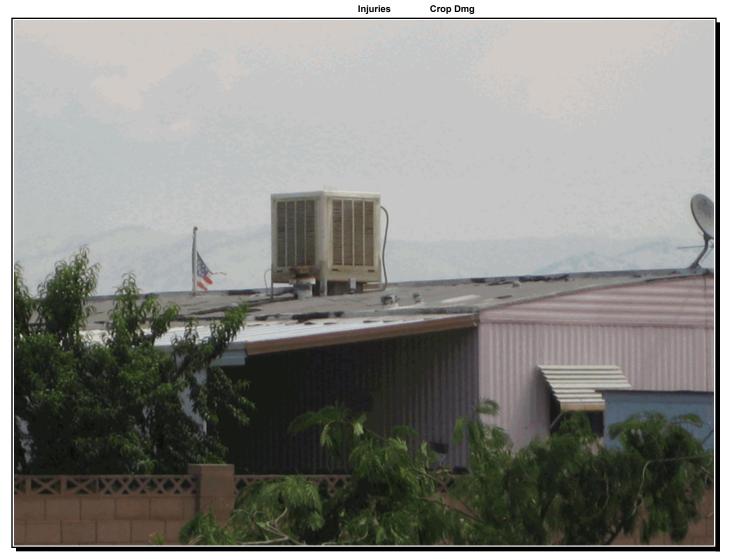
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	05/28/09 20:25 PST		12K	Thunderstorm Wind (EG 55 kt)
	05/28/09 20:30 PST		0	Source: Public
The public reported three tree trunks s	sheared. One tree fell on a canopy. The c	other two trees wer	e sheared about 5	feet above the ground.
KINGS COUNTY 1.1 E ROSSI [36.3	30, -119.81]			
_	05/28/09 20:40 PST		50K	Thunderstorm Wind (EG 50 kt)
	05/28/09 20:50 PST		0	Source: NWS Employee
NWS Employee reported several power	er poles knocked down by high thunders	torm winds on the	west side of Lemo	ore.
	DND [36.76119.77]			
FRESNO COUNTY 0.9 SE HAMMO			3K	Thunderstorm Wind (EG 50 kt)
RESNO COUNTY 0.9 SE HAMMO	05/28/09 20:44 PST		3N	
FRESNO COUNTY 0.9 SE HAMMO			0	Source: Emergency Manager
A large tree was downed due to sever	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir	ncoln and Orange	0	
A large tree was downed due to sever	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55]	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager
A large tree was downed due to sever	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55] 05/28/09 20:45 PST	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
A large tree was downed due to sever	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55]	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager
A large tree was downed due to sever FRESNO COUNTY 1.1 E SANGER	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55] 05/28/09 20:45 PST	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
A large tree was downed due to sever FRESNO COUNTY 1.1 E SANGER Emergency Management reported a la	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger.	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
A large tree was downed due to sever FRESNO COUNTY 1.1 E SANGER Emergency Management reported a la	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lir [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger.	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
FRESNO COUNTY 1.1 E SANGER	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lin [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger.	ncoln and Orange	0 Streets in Fresno.	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt) Source: Emergency Manager
A large tree was downed due to sever  FRESNO COUNTY 1.1 E SANGER  Emergency Management reported a la	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lin [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger. 6.43, -119.87] 05/28/09 20:55 PST 05/28/09 21:00 PST	ncoln and Orange	0 Streets in Fresno. 0 0	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt) Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
A large tree was downed due to sever  FRESNO COUNTY 1.1 E SANGER  Emergency Management reported a la	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lin [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger. 6.43, -119.87] 05/28/09 20:55 PST 05/28/09 21:00 PST ree downed in Riverdale.	ncoln and Orange	0 Streets in Fresno. 0 0	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt) Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)
A large tree was downed due to sever  FRESNO COUNTY 1.1 E SANGER  Emergency Management reported a la  FRESNO COUNTY RIVERDALE [36]  County government reported a large to	05/28/09 20:44 PST 05/28/09 20:50 PST re thunderstorm winds at the corner of Lin [36.70, -119.55] 05/28/09 20:45 PST 05/28/09 20:50 PST arge tree downed in the town of Sanger. 6.43, -119.87] 05/28/09 20:55 PST 05/28/09 21:00 PST ree downed in Riverdale.	ncoln and Orange	0 Streets in Fresno. 0 0	Source: Emergency Manager  Thunderstorm Wind (EG 50 kt) Source: Emergency Manager  Thunderstorm Wind (EG 50 kt)

An upper-level ridge built into California beginning May 27th, bringing another warming trend to interior central California. Fresno warmed to 99 degrees on the 27th, and reached 102 the next day. A weak low off Baja California spun mid-level moisture into California from the south, and the combination of heat and moisture triggered strong thunderstorms over the Southern Sierra Nevada and the Tehachapi Mountains each afternoon and evening, beginning on May 27th and continuing through the end of the month. Hail up to 1.5 inch in diameter fell near the town of Orange Cove on the evening of the 28th, and as thunderstorms over the Sierra Nevada, and over San Luis Obispo County, collapsed, outflow winds pushed across the San Joaquin Valley, triggering thunderstorms over the eastern and central Valley. Two of the storms merged into a strong system that produced gusty winds that toppled numerous trees on the Valley floor, as well as 1-inch hail near Visalia. Strong winds also triggered a gust-front tornado (gustnado) that damaged a mobile home park in Orosi.

Convection was weaker on May 29th, as thunderstorms developed earlier and several of the storms were pushed north of the region by a more southeasterly flow aloft. However, this southeast flow also carried thunderstorms from northeastern Los Angeles and northwestern San Bernardino Counties into southeastern Kern County near Rosamond, Edwards AFB, and Boron. One thunderstorm collapsed as it passed west of Edwards AFB in the early afternoon, generating outflow winds that were measured at a peak of 62 knots (71 mph).

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Location Date/Time Deaths & Property & Event Type and Details



Extensive damage occurred in and around an Orosi mobile home park. This photo shows partial damage to a roof.

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Date/Time Location Deaths & Property & **Event Type and Details** Injuries **Crop Dmg** 

#### **CALIFORNIA**, South Central

(CA-Z096) S SIERRA MTNS

06/01/09 00:00 PST 0 Wildfire 0

06/30/09 23:59 PST

Thunderstorms developed over western Fresno County during the evening of June 4th, and rapidly grew in intensity. One severe thunderstorm had a reflectivity of 73 dBz, and a VIL (vertically integrated liquid) of 43 g/kg. Hail up to an inch in diameter fell near the town of Helm, and outflow winds were estimated at around 60 mph.

The low finally moved onshore on the 5th, and lifted northeast into northern Nevada that evening. An upper-level trough remained over California, with an unseasonably cold airmass aloft. Upper-level impulses moving through the trough continued the threat of afternoon and evening mountain convection, with isolated light showers drifting over the San Joaquin Valley at times. Temperatures fell to some 10-15 degrees below normal, and stayed well below normal for the next week.

The "Grouse" wildfire that was sparked by lightning on May 30th continued through the month of June. The ignition time was 1400 PST on May 30th, the location was 3 miles southwest of Yosemite Valley in Mariposa County. The size of the fire was 3047 acres. The cost to containment was \$2.9 million. The containment date was July 13th.

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