# JANUARY-2013

					05 DESC	
$\overline{\mathrm{DATE}}$	precia	ĻOW	HIGH	MAX.WI	ND-TIME	
Jan.1	1	+37 5,51	+59 17/25		12:05p	
" 2	ı	+41 6:49	+65 12121	NE-12	2:32a	
" 3		+43 6:51	+69 12:37	SW-11	1:38p	
<sup>11</sup> 4		+40 6166	+65 121,24	SW-10	11:02a	
'' 5	1	+41 6:08	+66 111 Qa	SW-11	11:54a	
" 6	, 14/1	+40 <i>4:3</i> 8	+58 11'01a	NW-12	11:02a	7 A TI
'' 7		+39 med	+69 12:31	NE-36	4a	JANUARY DATE Low-30 14
ਾ ੪		+47	+73 12101	SW- 9	11:49a	E00 00
יי 9		+52 6135	+68 /1/,/4a	SW- 8	11:24a	"high"low-58 23
	0 35	+42 508	+57 12:25	NW-24	10:11a	High-81 21
	1	+34 6153	+53 12101	NW-22	1:28p	"low"high-53 11
	2	+31 6.51	+54 12:11	NW-15	2:40a	Low Aver43.0
	<u> </u>	+31 6:48	+55 1/1644	NE-19	11:10p	High Aver65.5
	<u>L</u> 4	+30 ///	+55 <i>1215</i> 0	NE-19	12:10a	Average-54.3
	Ĺ5	+33 3:18	+58 12:18	SW-11	12:27p	Days of;
	L6	+42 mil,	+68 121,43	SW-13	10:52a	80- 1 day
	17	+49 mu	+77 12:24	SW-10	11:38a	70- 8 days
	L8	+48 6:20	+76 12:34	SW-11	5:48p	60-10 days
	19	+49 61.84	+78 12103	SW-16	12:01p	50-19 days
	20	+50 61.29		5 SW-14	6р	40-15 days
	21	+53 701		' SW-16	1:57p	30- 9 days
	22	+50 6140		9 SW-14	11:26a	Day temperature difference;
	23	+58 12109	+74 9153	& SW-10		Low- 7 degrees.
11 4	24	+47 1:18	+59 3/24	SE-14	10:24a	High-30 degrees.
	25	+50 5:47	+61 1140	SE-8	12:08p	Average-22.6 degrees.
	26 .cl`	+50 6451	+64 1:5t	SW-11	3:16p	Av. max. wind-14 mph.
	27 ,40°	+47 7a	+54 15:40	SW-14	3:46p	Max. wind-NE-36 mph.
	28	+35 5128	+57 12:21	4 NW-22	3:09p	Min. wind-SW- 8 mph (2)
	29 29	+35 6195	+58 /24/		11:02a	
	30	+40 3:31	+68 1212	3 SW-15	12:45p	
	31	+48 mil	+77 1/246	% SW-10	12:43p	
	J1 - 1700	· · · · · · · · · · · · · · · · · · ·		•		

170 6-Started to rain at 3:30am from weak storm ending mainly at 4pm.with .14". Sno stuck above 5,000 ft. Had a few spirnkle after 2pm from heavy cumulus of T". Office-.17", Burbk-.06", Pasa-.07", LA-.09", LAX-.13", Avalon-.04", Pierce-.02 Riverside-.01"

7-Around 2am NE winds came up hitting 36 mph at 4am. Continued all day until sunset hitting 27 mph at 10am.and 21 mph at 3:20pm. Was strongest wind since Mar. 25, 2012. Hit 53 mph at Camp 9 and 64 mph at Whitley Peak.

10-Began to rain at 5am from weak front ending and clearing after 8am with .13". NW wind came up at 24 mph. Barometer fell to 29.89" at noon, low for the mon Office-.20", Brubk-T", Pasa-.15", LA-.03" and LAX-.12" l1-Low of 34 set a date record by 5 set in 1993. Was a all Glendale record by 2

set in 1971. Even with clear skies all day the high only reached 53. Had gusty wind NW all day to 22 mph at 1:08pm. Wind chill at 5am was 18. Was 38 Burbk, 31 Pierce, 25 Chino, 22 Riverside, 15 Lk Arrowhd, 19 Mt. Wilson and Yosemite and -17 Tuolumne Mdws.

12-Low of 31 was the coldest Jan. day in 6 years and set a date record by 1 set 2007. Was a all Glenale record by same numbers. Was 37 Burbk and Pasa, 39 I 33 Pierce, 17 Lancaster, 23 Chino, 7 Wrightwood, -1 Baldwin Lk, 12 Bishop, -1

So Tahoe, -8 Mammoth, -13 Bridgeort, -14 Truckee and -22 Tuolumne Mdws, b.. ....

coldest Jan since 1989.

13-Went down to 31. Was ice in street gutters. Very cold elsewhere with 32 Burbk, 35 Pasa, 27 Pierce, 37 LA, 39 LAX, and Newport, Lançaster 8, Sta Barbara 30, Riverside 22, Wrightwood 5, Thermal 20, Baldwin Lk -8, Bodie -22, Mammoth AP -20, Frazier Park and EDwards AFB 8, Yosemite 13, Tuolumne -21, Bishop 3 and Las Vegas 19°

14-Down to 30 with ice in gutters again, was coldest Jan temp in 6 years. Again very cold elsewhere with 37 Burbk and Pierce, 34 Pasa and LA, 8 LAncaster, 22 Ojai, 27 Sta BArbara, 1 Wrightwood, -8 Baldwin Lk, -27 Bodie, -7 Mammoth and -19 Truckee. Lite NE winds beaw until 6am up to 19 mph at 12:10am.

15-33°low, 1°shy of tieing the date record. Was ice in street again. Barometer rose to 30.40" at 10am. Highest for Jan in 4 years and for any month since Dec., 2011.

17-High of 77 was warmest day since Nov. 25.
19-High of 78 was warmest day since Nov. 24.
21-High of 81 was warmest day since Nov. 24 and for the month. Set a date record by 2° last set in 1994. Tied the all Glendale record set way back in 1963. Se eral spots set date records. Was 81° Burb and LA, 82° Pasa and Lg Beach, 84° Camarallo, 86 Fullerton as the nation hot spot. Was 80° Palm Sprs.

23-Began to rain at 11:30pm from upper low to SW.

24-Steady rain all night up until 10:30am then let up and ended at noon with 1.07falling. Office-.90", Burbk-.69", Pasa-1.14", LA-.82", LAX-.79", Avalon-.89", Pierce-.98", Ontario-.33", Big Bear-.25" (no snow) and Plm Sprs-T" with Opid Camp-2.50"

25-Began to sprinkle after 12:30am with occ'l showers to sprnnkles all day with .

by 5pm as shower continued.

26-Drizzle in early morn of .01" more or .05". Burk-.02", Pasa-.34", Pierce.47" LA-.20", LAX-.29", AValon-.46", Mt. Wilson-.85", Riverside-.38", Arrowhd-.78", Baldwin Lk-.63" and Palm Sprs-.64". No snow in mtns.

27-Lite rain began at 1:30am to 10:30am with .18" then clouds broke with another shower from 4-5pm of .01" more for .19" with another shower at 6 to 6:30pm of .01" more or .20" storm total. Lite snow fell above 5,000'. Office.28' dast two days) Burbk-.03", Pasa-.15", LA-.02", LAX-.04" and AValon0.

28-NW winds blew all day up to 22 mph at 3:09pm 29-Low of 35 was 9th day this month of temps in 30s. Ranking 3rd for days in Jan in 30s. In 2007 there was 14 days.

Clear days-12 Cloud days-2 Parlty Coudy days-17 Set 2 date record low and 2 date record highs. NE winds-4 Temps av 2.3°below normal. Rainfall was 39% of normal.

## FEBRUARY-2013

DATI		precip	ĻOW _	HIGH	MAX.WI	ND-TIME	
Feb.		<u> </u>	+52 6147	+75 11:560	SW-10	10:40a	
17			+54 51/3	+71 11/11/16	SW-15	7:09p	
11	2		+52 6137	+78 1211X	SW-12	12:59p	
11	4		+49 1/94	+73 12:43	SW- 9	11:05a	
11	5		+41 6131	+59	SW- 9	11:33a	
71	6		+43 7417	+62 11:674	SW-11	1122p	
11	_		+42 6149	+61 11:36a	SW-12	12:59p	
7.7	8	311	+37 <del>2147</del>	+47 1154ca	NW-16	11:56a	FEBRUARY DATE
11	9		+31 4454	+55 12:03	SW-14	2:51p	Low-31 9 & 20
77	10	Til	+36 4146	+52 12334	SW-11	11:48a	"high"low-54 2 & 15
11	11	_	+36 51.34	+63 11:61a	NE-21	11:22a	High-80 16
11	12		+37 5154	+64 MIA	SW-12	1:31p	"low"high-47 8
Ħ	13		+40 6:48	+69 125/13	SW-11	12:48p	Low Aver42.6
11	14		+44 4410	+74 1211	SW-12	1:46p	High Aver66.0
11	15		+54 wid	+78 11/454	SW-17	12:23p	Average-54.3
11	16		+52 3/60	+80 12104	SW-12	12:53p	Days of;
11	17		+47 6131	+68 11:38a	SW-13	1:51p	80- 1 day
11	18		+44 6520	+62 4p	SW-10	1:04p	70- 9 days
11	19	19°	+43 1203	+50 10157a		8:35p	60-12 days
11	20		+31 446	+61 12/15	NW-24	12:35p	50-10 days
11	21		+36 4107	+58 ///584	SW-12	8:22p	40-14 days
*1	22		+37 6101	+66 Moun	SW-12	1p	30-10 days
11	23		+39 5121	+65 noun	SW-13	10:49a	Day temperature difference;
11	24		+43 <i>inid</i>	+66 11:674	NE-29	4:30a	Low- 7 degrees.
11	25		+41 6/10	+69 12:02	SW-13	12:39p	High-32 degrees.
11	26		+39 6124	+71 12115	SW-13	1:04p	Average-23.4 degrees.
11	27		+45 6105	+74 12:24	SW-13	12:56p	Av. max wind-14 mph.
11	28		+48	+77		_	Max. wind-NE-29 mph.
		0,60					Min. wind-SW- 9 mph (2)

5-Lite fog in morn.

9-Low of 31° set a date record by 6° set in 2001. Was a all glendale record by 4°

set back in 1965.

10-Heavy cumulus developed all day with T" sprinkles from 3-4pm.

11-NE winds blew in morn to 21 mph at 11:27am.

16-Hi of 80° was warmest day of month and since Jan.21. Was 82° Burbk, LA and Pierace, 83° Pasa, 84° Sta Monica Pier and 79° Palm Sprs.

19-Lite rain began from approaching upper low at noon until 2pm with .06". Rain began again at 7pm until ended at 10:30pm with .23" more or .29" storm tomal. Office-.18", Burbk-.07", Pasa-.49", Pierce-.31", LA-.18", LAX-.13", Ontario-.34", Riverside-.33", Palm Sprs-.29", Arrowhed-#.44" and Big Bear-.8 and 10" of snow.

<sup>8-</sup>Very weak front brought sprinkles in am then clouds built with Cbs seen mainly to south. At 2:30pm brief moderate rain fell then became showery with 12" by 5pm. At 5:13pm a heavy hail stfom began with rice sized hail that coveres the ground and ended at 5:20pm with showers until ended at 6:15pm with .19" more or .31" storm total. Snow stuck down to 4,500 ft but lower in other areas with Yucaipa-2", Beaumont-3", Big Bear-13", Wright wood-6", Arrowhd-8", Phelan-2" and Palmdale-1". Office-.02", Burbk-.09", Pasa-.14", Pierce-.17", LA-.02", LAX-.07", San Gabriel Dam-.63" and Avalon-.26".

20-NW winds blew all day. Hit 16 mph at 6:44am with a 17 wind chill. Hit 20 mp at 9:33am. At 7am could see snow showers over the mtns. Stuck above 3,300' including Lukens. Then cleared off. The achapi Pass, Grapevine and Cajon Pass were all closed for awhile. Low 0f 31 set a date record by 1 set in 2006. Was all Glendale record by same number including way back in 1955. Barometer fell to 29.70" at 8am, low for the month.

22-Low of 37 tied the date record set in 1996 and 2011.

23-Lite NE winds came up after 11pm.
24-NE winds blew all nite to 29 mph at 4:30am and ended by 10am.
28-Barometer rose to 30.32", at 10am, high for the month.

Clear days-9 Cloudy days-1 Partly Cloudy days-18
Set or tied 3 date record lows. No highs. Av temp was 2.1 below normal Precip was 4 1/3" below normal. Days w/fsg-/ Days w/ fsg-/ Clear days-9 n Days W/ NE WINDS- Z

# MARCH-2013

DAT.	Ē,		LOW		HIGH	MAX.WI	ND-TIME		
Mar	. 1		+54		+83	SW-15			
11	2		+56		+83	SW-13		•	
11	3		+52		+71	SW-11			
11	4		+47		+67	SW-11			
17	5		+45		+65	SW-11			
t t	5 6	TIL	+43		+57	SW-12			
1.7	7	15"	+43		+54	SW-14			
11	8	,96"	+36		+54	SE-13			
11	9		+38		+62	SW-12		MARCH	DATE
11	10		+41		+69	SW-14		Low-36	8
11	11		+47		+77	SW-10		"high"low-59	13
†1	12		+50		+84	SW-10		High-89	14
11	13		+59		+88	SW-12		"low"high-54	7 & 8
11	14			203	+89 Ma	SW-10	12:45p	Low Aver46.9	
ŧτ	15			4:31	+80 12:57	SW-10	1:10p	High Aver71.4	
11	16		+43	6:30	+72 12:14	SW-10	1:24p	Average-59.2	
11	17			6.15	+68 12:04	SW-11	1:44p	Days of;	
11	18		+45	6.20	+66 12:50	SW-14	1:07p	80- 6 days	
11	19		+43		+67	SW-11	3p	70-11 days	
11	20		+49		+68	SW- 8	12:30p	60-11 days	
11	21		+45		+69	SW-13	2:35p	50-11 days	
11	22		+45		+71	SW-14	12:20p	40-21 days	
11	23		+43		+72	SW-12	2:15p	30- 2 days	_
* *	24		+46		+76	SW-16	1:53p	Day temperature d	ifference;
11	25		+50		+74	SW-10	12:25p	Low-11 degrees.	
11	26		+44		+71	SW-10	$1:10\mathrm{p}$	High-34 degrees.	•
11	27		+47		+69	SW-14	2:15p	Average-24.5 degr	res.
7.7	28		+46		+73	SW-11	1:55p	Av. max wind-12 m	ph.
11	29		+46		+78	SW-13	1:55p	Max. wind-SW-16 m	
11	30		+48		+73	SW-11	3:45p	Min. wind-SW- 8 m	ph.
11	31	<u>-+,,</u>	+47		+62	SW-12 -	1:50p		
		LHE							

1-High of 83° tied the date record with 1994 and 2009. Was 86° Pasadena, 87° Burbk. 85° Pierce and LA, 86° Ventursa, 84° Sta Barbara, 82° Morro Bay, 92° Fullerton and 84° Palm Sprs. Barometer rose to 30.31" at lam, high for the month and for March in 9 years.

6-Had a lite sprinkle around 3-4pm of T" from very Weak front. At 11:45pm shower:

7-Occ'l showers fell during the night with .12" by 9am as ended. Stayed cloudy a day with drizzle from new storm after 9pm with .03" by midnite. Office had .02

- earlier, Burbk-.01", LA-.02", Pasa-.19" and LAX-T" 8-At 1:30am steady rain began until 4:15am then showery the rest of the day until brief moderate shower from 1:20 to 2pm along with lite rice sized hail at 1:30pm Had .98" by 5pm total. Drizzle continued after of .01" more until ended at 8pm for .99" storm total. Low of 36 was a date record by 1 last set in 2006 and was low for the month. Snow fell down to 3,500' on Lukens with 4" Wrightwood, 9" Big Bear, 11" Palomar, 6" Frazier Park, 2" Lebec and 8" Baldy. Office-.96" Burbk-.36", Pasa-1.18", Pierce-1.07", LA-.52", LAX-.64", Avalon-39", Ontario-.46", and Beaumont-1.58" with .65" Big Bear and .74" Arrowhead.
- 13-High of 88 was warmest day since Nov. 24 last year. Was 93 Burbk, 91 Pasadena,

94°Pierece, 85°LA, 95°Riverside and Palm Sprs.
14-High of 89° was the waremst day since Nov.5. Set a date received by 3°last set i 1994. Was 93°Burbk, 90°Pasa, 94°Pierce and Onatrio, 96°Riverside, 97°Palm Sprs and first 100° of year at Thermal but was only 57° at Sta Monica Pier.
21-Barometer fell to 29.81" at noon, low for month.
24-Peak wind gust of 16 mph from SW was the lowest peak gust for March on record.
31-Weak fron proudced T" from 1-3pm. LA-.02", LAX-T", Mt Wilson-.01" with most areas 0 except 0jai-.38" and Sta BArbara-.37"

Clear days-11 Cloudy days-2 Partly Cloudy days-18
Set 1 date record low and 2 date record highs. Av. temps was 1.5 above normal Precip was over 2" below normal. Days with fog-1 Days with hail-1

# APRIL-2013

DATE	bretil	LOW	HIGH	MAX,WI	ND-TIME	
Apr.		+43 47//	+62	SW-10	4:15p	
ît g	2	+46	+70	SW-12	12:35p	
11 1	2 3	+47	+76 12121		11:10a	
	+	+47	+72	SW-15	12:25p	
17 1	. ·	+49 12:45	+69 /21/14	SW-18	1:55p	
· · · · · · · · · · · · · · · · · · ·	ó	+47 61,84	+70 12156		2:16p	
11	7	+46 6;45	+72 2107	SW-15	1:03p	
***	3 .01"	+48 711	+66 11:546		2:17p	APRIL DATE
	7	+47 3557	+77 12135			Low-42 16
11 -	LO	+50 27/2	+79 12109		10:10a	"high"low-54 21
	L1.	+49 5:04	+76 12514	SW-16	1:02p	High-87 20
	L2	+47 6132	+75 1219	SW-11	10.44a	"low"high-56 15
	L3	+48 61.52	+68 12/30	SW-10	3:09p	Low Aver47.7
	14 107"	+46 6.40	+57 2/46	SW- 7	2:48p	High Aver72.6
11	15 , 12"	+46 41.23	+56 12/31	SW-16	3:48p	Average-60.2
	L6	+42 6:15	+67 12136	NW-25	5:24p	Days of;
	L7	+43 5160	+74 12645	NE-27	2:16p	80- 5 days
	18	+47 mid	+77 12:19		2:34p	70-16 days
	L9	+50 3123	+82 1212		10:57a	60-6 days
	20	+53 6:24	+87 12:5	7 SW-14	1:49p	50-10 days
	21	+54 601	+83 ///50		12:05p	40-23 days
	2 <b>2</b> .	+48 3:37	+76 12640		12:58p	Day temperature difference;
	23	+48 6:35	+75 3109		10:05a	Low-10 degrees. (2)
	24 Ti	+47 12602	+57 /:20	SW- 9	10:53a	High-36 degrees.
	25	+49 6109		SW-15	1:24p	Average-24.9 degrees.
	26	+46 5:36	+75 121/12	SW-12	11:47a	Av. max wind-15 mph.
	27	+52 3/57	+81 12:17		12:37p	Max. wind-NW-34 mph.
	28 <sup>,</sup>	+47 51.24	+83 1:02		1:56p	Min. wind-SW- 7 mph.
	29	+50 31.51			12.03p	
	30		+70 1212		10:51a	
=	1 1 1 M					

8-Gusty NW winds came up at 9am hitting 34 mph at 2:17pm then died down near suns Drizzle in early morn around 3:30am brought .01", the first measurable rain in one month. Was strongest wind for April since 2007. Hit 38 mph Burbk, 74 mph Saugus, 66 mph Camp 9, 67 mph Poppy Park, 75 mph Mojave, 65 mph Jawbone and 84 mph Whitaker Peak. Most areas rain-wise had zero but San Berdu-.09", Beaumo .07" and Lk Arrowhd-.10". Barometer fell to 29.77" at 2pm, low for the month.

14-Drizzle in early morn from heavy stratues to 10am of .07"
15-Drizzle after 3am to 9am of .12". Office-.05", LAX-.06", LA, Pasa and Pierce-Burbk-T"

16-Gusty NW winds came up after 9am to 25 mph at 5:24pm and calmed. Low of 42 wa the month minimum but the warmest Ap minimum since 1997.

17-Winds shifted to NE and hit 27 mph at 2:16pm

18-Baroemter rose to 30.19" at llam, high for month. Was second day of NE winds hitting 24 mph, the most NE winds for April since 2004.

24-Began to drizzle at 3pm from heavy stratus with T" by 5pm and ending at 8pm wi T" more. Foothills above La Gresenta and La Canada received measurable amount Office-T"

28-Brief lite fog rolled over at a8m at the tops of a stratus deck.

Clear days-9 Cloudy days-3 Partly Cloudy days-18
Set or tied no date records. Days with NE winds-2 Days with fog-1
Temps av 0.2 below normal. Precip was 1.30" below normal.

# MAY-2013 1

DATI	Prec	LO LO	W	<u> </u>	HIGH	MAX.W	IND-TIME			
Hay	T / -	7 75		3,53	+79				<del></del>	
11	2	+5		4.27	- +88 77年	SW-17	3:18p			
*1	3	+6		6.12	+92 12:44	SW-12	1:25p			
#1	4	+5			+75	SE-13				
11	5	+5			+62	SE-28				
ŧī	6 .65			5:36	+60	SE-12	7:10a			
*1	7 30		-	1:12	+64 1/08					
11	8	+5	_	well	+64 10:42	SW-13	12:44p			
*1	9 .0"	+4		5:02	+73 12121	SW-12	11:47a	-	MAY	DATE
11	<b>1</b> 0	+4		6:21	+79			:	Low-46	7 & 9
11	11	+5			+90 /1/38	SW-13	1:48p		"high"low-69	13
11	$\overline{12}$	+6		21.26	+94 12:41		12:05p		High-95	13
11	13	+6	_	6:26	+95 12/21		1:21p		"low"high-60	6
11	14	+6		1:20	+80	SW-11	11:22a		Low Aver52.2	
11	15 15	+4		6:02	+75 //:58		1:23p		High Aver76.3	
11	16	+5		3:16	+71 /5/5				Average-64.3	
11	17	+5		1514	+69 108				Days of;	
11	$\overline{18}$	+5		6,10	+74 12:40	SW-14	1:07p		90- 4 days	
11	<u>1</u> 9	+4		6:20	+75 12:31				80- 5 days	
11	20	+5		6:12	+86 12:41				70-16 days	
11	21	+5		6:17	+81 12:42				60-10 days	
TŤ	22	+5		1:43	+73 12:42				50-17 days	
ŧŦ	23	+5		61.25	+67	SW-15			40-10 days	
T1	24	+4		4:15	+70 12:28				Day temperature di	ffference;
TI	25 25	+4			+71 12:39	8 SW-17	2:16p		Low-10 degrees.	
11	26	+4		41,62	+70 /2:44	SW-14	12:19p		High-38 degrees.	
11	27	+4		1:46	+75 12:39				Average-24.1 degre	es.
11	28	+5		30	+75 12:24	SE-17	$\frac{1}{2}$ :47p		Av. max. wind-14 m	ph.
11	29	+5		6:16	+80 //56			•	Max. wind-SE-28 mp	ħ.
11	30	+5		60	+79 1:07				Min. wind-SW-10 mp	
11	31	+5		5,46	+79 123					
	0.0		•	J,	,		L			

2-Baro. rose to 30.13" at llam, high for the month. Day temperature difference o 38 (50-88) was highest for May in 7 years.

3-Hit 92 with a bad fire in Venturea County. Was 96 Burbk, 94 Pasa, 93 LA, 90 LA 99 Fillmore, 94 Sta Maria, 97 Chino, 98 Riverside and 97 Palm Sps

5-SE winds blew all morning to 28 mph at 11:57am and ended by 11pm.

6-Lite rain began at 12:30am and becoming moderate after 7am and showery after 8a and ended by 4pm with .64", Had another shower of .01" at 8pm. Office-.55"

- 7-At lam moderative rain began with .23" in 1/2 hr and showery after 1:45am ending 3:30am with .30". Office-.36", The 2 day total of .94" mode this the wettest May in 7 yrs and 9th wettest in 59 yrs. Two day totals; Office-.91", LAX-.38", LA-.73", Avalon-.23", Northride-.79", Pierce-.40", Van Nuys-.67", Mt Wilson-.84", Ontario-.32", Arrowhed-.37", Baldwin Lk-.02", Julian-.86" and Palm sprs-T" Low of 46 was low for month.
- 9-At 6:55pm thunderstorm moved off mtns to north with lightning 3 miles NE was followed by rain shower ending at 7:30pm. Was first May thunder in 5 years and first thunder for any month since last Dec. Ended up with .04". Office-Pasa-.07", San Gab'l-.16", Burbk and LA-T", Mt. Wilson-.10" and Big Bear-.50" with thunder and hail in evening. Cabin-.40". Low of 46 tied for low for mont 11-Hit 90, first 90 of year. Was 93 Pasa, 96 Burbk, 98 Pieroce, 101 Riverside.

12-High of 94 tied the date record set in 1988. Was hottest May in 5 years and hottest day for month and since last Nov. Was 103 Burbk, 98 Pasa, 103 Pierce, 104 Riverside, 106 Palm Sprs but only 71 LAX and 61 Morro Bay.
13-High of 95 tied the date record with 1978 and was high for month. Tied the all Glendale record too with same numbers. Low of 69 was warmest morn of month and since last Oct. and for May since 2008. Was 99 Pasa, 103 Burbk and Pierce, 93 LA and 108 Palm Sps.

29-Barometer fell to 29.74" at 2pm, low for the month.

Clear days-3 Cloudy days-0 Partly Cloudy days-23 Tied 2 date record highs and no lows. Temps av 0.9 above normal and rain was nearly double normal. Days with thunderstorms-1

#### JUNE - 2013

DAT	E LOW	HIGH	MAX.WI	ND-TIME	
Jun		+92 12152	SW- 8	11:25a	<del> </del>
11	2 +54 61.28	+81 12115	SW-10	10:39a	
11	3 +54 5/31	+76 1:33	SW-14	12:53p	
11	4 +54 6:06	+74 12:41	SW-14	$12:27_{\rm P}$	
11	5 +52 5101	+73 12547	SW-11	10:20a	·
tt	6 +49 6/21	+76 12142	SW-11	10:50a	
11	7 +51 5104	+78 MWA	SW-10	11:52a	
11	8 +54 12102	+76 12:49	SW-11	12:33p	JUNE DATE
11	9 +54 596	+78 /2144	SW-11	10:21a	Low-49 6
11	10 +52 12107	+74 /1.32	SW-11	1:58p	"high"low-68 30
11	11 +51 2138	+85 //:4/4	SW- 9	9:48a	High-96 29
11	12 +53 5:38	+77 1242	SW-11	11:38a	"low"high-69 24
H	13 +53 614	+78 12:47	SW-11	10:25a	Low Aver54.0
7.5	14 +50 647	+78 12:47	SW-11	10:49a	High Aver80.1
11	15 +52 461	+76 12154	SW-15	11:44a	Average-67.1
11	16 +51 5:25	+78 17:34	SW-12	1:55p	Days of;
11	17 +52 6109	+83 12168	SW-10	10:48a	90- 5 days
11	18 +53 <i>61/9</i>	+80 12147	SW-13	2:06p	80- 5 days
11	19 +50 <i>5</i> !#	+77 12:30	SW-14	1:39p	70-19 days
11	20 +52 64//	+79 /X/#	SW-12	12:37p	60- 5 days
11	21 +52 6/44	+79 12:31	SW-12	11:44a	50-25 days
11	22 +52 6607	+78 \$1.60	SW-13	12:10p	40- 1 day
11	23 +53 /186	+74 12116	SW-15	11:35a	Day temperature difference;
11	24 +52 z!26	+69 1:14	SW-11	12:05p	Low-17 degrees.
11	25 guiset 424/4+52 5:17	+74 1834	SW-13	1:43p	High-40 degrees.
11	26 +58 6:46	+85 /2139	SW-11	10:02a	Average-26.1 degrees.
11	27 +61 4942	+93 /10	SW-14	1:54p	Av. max wind-II mph.
11	28 +64 8/18	+92 1844	SW-12	1:06p	Max. wind-SW-15 mph.
11	29 +65 6124	+96 12:40	SW- 9	11:20a	Min. wind-SW- 8 mph.
11	30 +68 7/12	+93 11.174	SW-11.		

<sup>1-</sup>Light fog before 7am.

<sup>2-</sup>Light fog in morn.

<sup>6-</sup>Light fog in early morn.

<sup>7-</sup>Was very hot in deserts with 111 Daggett, 117 Needles, 116 Laughlin, 118 Bullho City, 114 Palm Sprs, 116 Borrego and 123 Death Valley.
8-Hot again in deserts with 113 Daggett, 117 Needles, 116 Laughlin, 118 Bullhead City and 126 Death Valley.

<sup>14-</sup>Occ! 1 thin fog moved over in morn. With 4 days with fog is the most in June i 6 years. Low of 50 tied the date record with 1992 and 2009.

19-Low of 50 tied the date record with 2005.

<sup>25-</sup>Good rains fell north of Fresno-Monterey line with 1.38" Kentfield, .69" Reddi

<sup>1.20&</sup>quot; Santa Rosa and 2.45" Blue Cyn.

27-Barometer rose to 30.05" at llam, high for the month.

29-Low of 65 was the warmest June morn since 2001. High of 96 was waremst June i 5 years and since Oct. and for the month. Was 100 Pasa, 101 Burbk, 107 Pierce 90 LA, 106 Ojai and San Berdu, 115 Las Vegas, 119 Laughlin, 123 Bullhead City, and Needles, 108 Bishop and Fresno with the hottest June at Bishop since 1972 and 1 shy to June record. Many date records were set. Many first 12, a June Needles, 30-Barometer fell to 29.77" at 4pm, low for the month. After a 68 low and the

warmest morn of the month temp rose rapidly to 93° as virga moved over and temps fell 15 rapidly. Burbk-100, Pasa-97, Pierce-105, Mt. Wilson-99, Acton-111, Lancaster-115, Ojai-108, Paso Robles-110, Apple Vly-112, Lake Arrowhd-96, Fresno-109, Yosemite-105?, China Lk-116 and Death Valley-129, a June record. Many date record were set again.

Clear days-8 Cloudy days-0 Tied 2 date record lows. No highs. Rainfall was 0 Partly Cloudy days-22
Days with fog-4 Temps av 0.8 below

#### JULY-2013

DATE	hreceh	LOW	HIGH MAX.W	IND-TIME	
July	1 7	+68 3543	+93 4/4 SW-12	12:35p	· · · · · · · · · · · · · · · · · · ·
11	2 3	+64 662	+90 //// SW-11		
11	3	+61 5:89	+87 12:51 SW-10	12:56p	
11	4	+58 6:04	+88 12'48 SW- 9	11:15a	
11	5	+55 41,08	+81 1146 SE-14	1:27p	
11	6	+57 2147	+86 104 SW-10	10:23a	·
71	7	+59 6:18	+86 12/56 SW-10	10:52a	JULY DATE
	8	+58 5:48	+93 1/1/9 SW- 9	10:08a	Low-49 31
	9	+64 131	+91 HISS SW-10		"high"low-68 1
11	10 7"	+63 60	+79 SW-11	12:46p	High-93 1 & 8
	11 .07"	+59 6:14	+75 3/64 SW- 6	2:40p	"low"high-71 21
	12	+59 616	+86 ALL SW-11	12:25p	Low Aver57.9
	13	+55 5144	+86 // SW-11		High Aver84.4
	14	+58 6131	+88 144 SW-11	12:10p	Average-71.2
	15	+59 4996	+88 MIGH SW-13	1:57p	Days of;
	16	+56 ASIA	+86 MIE SW-12	1:04p	90- 4 days
	17	+59 4145	+88 MIGI SW-11	12:35p	80-21 days
11	18	+59 613	+88 12:62 SW-11	11:41a	70- 6 days
11	19	+59 1kg/	+88 /2/27 SW-10	1:05p	60- 5 days
	20 T"	+55 4%E	+82 //4/ SW-12	10:33a	50-25 days
11	21	+58 4/02	+71 1/3 SW- 6	11:02a	40- 1 day
11	22	+59 <i>\$`,47</i>	+84 MIGG SW-13	2:14p	Day temperature difference;
	23	+58 4.50	+83 MAI SW-10	11:23a	Low-13 degrees.
	24	+56 6!14	+83 12/34 SW-11	11:04a	High-35 degrees.
	2 <b>5</b>	+55 6.40	+86 A144 SW-10		Average-26.5 degrees.
	26 ,03"	+57 4a	+81 4/27 SW-11	12:47p	Av. max wind-11 mph.
	27	+59 6546	+85 17:17 SW-10	11:47a	Max. wind-SE-14 mph.
	28	+53 4144	+79 12:42 SW- 9	9:57a	Min. wind-SW- 6 mph. (2)
	29	+53 /// <sup>61</sup>	+79 12:55 SW-11	10:41a	
	30	+52 ブラ	+81 12:38 SW- 9	10:02a	
11	31	+49 6,19	+76 / SW-12	1:34p	
	0,100		,	<del>-</del>	

1-Another warm 68 morning along with a 93 high, High for month. Was hot in the interior with 114 Daggett, 109 Bishop, 114 China Lake, 116 Needles, 114 Las Vegawith 94 low, 122 Bullhead City and 127 Death Valley with 98 low. Had heavy Ac in morning with virga and showers in Azusa and Burbank.

5-Barometer fell to 29.79" at 6pm, low for the month.

10-Tropical Ac was over most of the day with T" sprinkles around 8am and 3-4pm.

11-Lite rain began around 5am from solid Ac deck. Was first measurbæle rain since May7 with it becoming sprinkles after 8am to 3pm with .07". Was wettest July in years and 8th wettest since 1955. In downtown Glendale I got .09" which was the wettest July in 21 years and 5th wettest since 1912!. Overcast all day until breaks after 5pm. LA-.04", LAX-T", AValon-.02", Burbk-T", PAsa-0, Pierce-.03". Palomar was wet spot with .20" but many areas had 0 to T".

20-Tropical air brought showers and thunderstroms to east wiht T" here from 5:30-6 Ontario-.01", Riverside-.13", Big Bear-.03" and Palm Sprs-T".
21-Overcast Ac all day but no precip here but heavy to east with .20" Rverside, .8 Big Bear, 1.03" Idywild, .74" Anza, .83" Plm Sprs and 2.34" Tram. A large fire just east of Idywild was just about put out by the rain.

22-Weak line of showers moved our between 2 to 3am with T". Most other areas had .01" with .03" Pierce. At noon a big thunderstorm hit Big Bear area until 3pm with .85" Fawnsskin, 1.31"cabin, 1.39"Big Pine Flat and 1.18" Fawnskin RS. Other storms hit upper deserts with 1.32" Valyermo, .30" Bishop, .27" Daggett and .49" Death Valley.

26-Ac deck brought lite rain from 3 to 3:30 am with .03". Had a few more T" sprinl from noon to 1pm with total for month now at .10" making this July the wettest 12 years and 7th wettest in last 59 years. Office-0, Bur and Pasa-.01", LA-.04' LAX-.02", Ontario-.03", Big Bear-.14", Palm Sprs-.11" and Hemet-.08" 28-Low of 53 was the low for the month so far and tied the date record with 1986,

1997 and 2010. 29-Low of 53 set a date record by 1 last set in 1997 and 2002. 30-Low of 52 set a date record by 30 last set in 1997 and 2004. Was a all Glendale record by same numbers plus 1981. Barometer rose to 30.11" at 11am, high for t month and highest July reading in 10 years. 31-Lite fog in early morn. Low of 49 tied the July record with last year. Set a

date record by 6° last set in 1987 and was also a all glendale record by same

numbers.

Partly Cloudy days-24 Cloudy days-1 Clear days-6 Days with fog-1 Temps av 2.1 below Tied or set 4 date record lows, no highs.
Rainfall was .07" above normal. 11

# August - 2013

DAT	Ē	LO	<del></del>	HIGH	MAX.WI	ND-TIME			
Aug	:1	+50	) 41:OI	+77 /2150	SW-10	11:26a			
11	2		6,44	+79 12:45		12:49p			
11	3	+54		+83 1214		2:23p			
13	4	+5:	3 7:13	+81 1/04		12:24p			
11	5		GAZE	+85 12:44		1:44p			
11	6		6312	+81 12159		11:52a			
11	7	+5	L 75/2	+80 12140		11:06a		·	
11	8	+54		+81 12/34		1:07p		AUGUST	DATE
11	9	+5	10	+79 12:44		10:55a	•	Low-50	1
1 ?	10	+5	6134	+78 /2/17		2:02p		"high"low-75	30
11	11	+5:	3 5151	+83 12:44		10:18a		High-98	29
!1	12	+5:	6/31	+83 12:56		12:12p		"low"high-77	1
f T	13	+5	6:30	+87 /9/4	SW- 9	12:45p		Low Aver58.3	
*1	14	+55	5118	+94 ///6	SW- 9	11:56a		High Aver87.5	
11	15	+58	3 uniel	+92 12157		11:51a		Average-72.9	
11	16	+63	3:20	+89 12:49		11:27a		Days of;	
11	17	+6:	3 564	+91 4:38		2:11p		90-14 days	
11	18	+60	101	+89 1105	SW- 9	10:09a		80-13 days	
11	<del>19</del>	+58	3 44/3	+87 103	SW- 9	12:38p		70- 6 days	
*1	20	+56	6109	+89 12145	SW- 8	lla	-	60-11 days	
ff	21	+60	4:38	+94 12:00	SW-10	12:20p		50-18 days	
11	22	+62	403	+94 12119	SW-13	12:52p		Day temperature d	ifference;
F-1	23		625	+94 12/21	SW- 9	12:04p		Low-19 degree.	•
11	24	+60	) 4142	+90 12:24	SW-11	12:08p		High-39 degrees.	
11	25	+59	2:51	+91 12/189	SW-10	11:50a		Average-29.3 degr	ees.
11	26		1457	+91 1/162		11:53a		Av. max. wind-11	mph
* 11	27		6115	+91 1/101		11:37a		Max. wind-SW-21 m	ιρħ.
" "	28		3 5150	+94 1/1/20		11:57a		Min. wind-SW- 8 m	
11	29		9:58	+98 12.14		12:36p			*
11	30		5.1451	+95 12110		$1:25^{\circ}_{ m P}$			
11	31		1.46	+91 12137		11:33a			

1-Low of 50° was low for the month and only 1° from tieing August record low. Was a date record by 4° set in 2010. Was a all Glendale record by same numbers. 2-Low of 51° set a date record by 4° set in 2009 and 2010. Had a lite fog in am.

2-Low of 51 set a date record by 4 set in 2009 and 2010. had a lite log in am.

3-Low of 54° tied the date record with 2001.

4-Low of 53° tied the date record with 2001 and 2004. Had occ'l fog in morn

5-Low of 52° tied the date record set in 2006. Tied the all Glendale record by said 6-Low of 51° tied the date record by 2° set in 2010 and 2011. Was all Glendale record by 1° set in 1956.

7-Low of 51° set a date record by 2° set 5 times before, 1991, 1999, 2006, 2009 and and 2010. Was all Glendale record by 2° set 5 times before, 1991, 1999, 2006, 2009 and 2010. Was all Glendale record by 2° set 5 times before, 1991, 1999, 2006, 2009 and 2010. Was all Glendale record by same numbers. Baro rose to 30.07" at 9am.

2010. Was a all Glendle record by same numbers. Baro rose to 30.07" at 9am,

high for the month.
9-Low of 51 set a date record by 1 set in 2010. Was all Glendale record by same.
10-Low of 52 set d date record by 1 set in 2009. Was all Glendale record by same 11-Low of 53 tied the date record with 1999, 2009 and 2010. Tied the all Glendale record by same numbers. Every day so far this month has tied or set a date record minimum.

12-Low of 52" tied the date record with 2010. Tied the all Glendale record with

1956 and 2010.

13-High of 87 was warmest day of the month so far and since July 19 (26 days) 14-High of 91 was the warmest day since June 29. Was 96 Burbk, 94 Pasa, 102 Pier 100 Ontario, 106 Elsinore but 65 Avalon.

18-Cbs developed rapidly at noon with flash floods at Lucerne Valley and reported

.38" in 1/2 hr, Apply Vly-.25", China Lk-.10" and Boron-.63"
19-Cbs developed again at onorth with .03" San Berdu, .07" Arrowhd, .23" China Lk .07" Death Vly and .16" Bishop

23-Baro fell to 29.80" at 6pm, low for the month.

24-Showers hit eastern deserts with .01" Palm Springs.

25-Heavy thunderstorms hit eastern deserts with flooding at Rancho Mirage and Ind 1.24" fell in 1/2 hr at H'wy 111 and Indian Trail, Indio-1.70" in 1 1/2 hrs. near Ranchita-3.35" in 2 hrs., Mt. San Jacinto-.69", Palm Sprs-.08", Thermal-1.17", Cathedral City-.82", Cathedral Cyn-.46", Julian-.95" and Borrego-.69" 26-Showers again in deserts and Antelope Vly. Upper Tahquitez-.39", Mt. SJ-.27", White water-.44", Palm Sprs-.04", Thermal-.15", Needles-.41", Laughlin-55", Wrightwood-.02", Julian-.76", Mt. LAguna-.51" and Borrego-1.45". Acton had

2.56" in 1 hr.

29-High of 98 was the waremest day since last Oct. 2 and for month. Strong storm hit some aras including flash flood in Forest Falls area with huge boulders across road. Oak Glen-.47", Yucaipa Ridge-1.34", Fawnskin-.78", Big Pine Flat .10" and Riverside had flooding with .94" along with 70 mph winds at UCR. Lucerne Vly had 1" in 20 minutes. Julian-.73",

30-SW wind hit 21 mph at 1:25pm the strongest Aug. wind in 11 years and in 3 mont Low of 75 was the waremst morn since Oct and for August in 3 yeas. Cbs again developed to east with 1.21" near Cabazon, and flooding with .69" in 20 minutes at Perris, .28" Beaumont, .06" Arrowhd and .82" at Baldwin Lk with 0 at cabin 31-11th day in row of 904. Some showrs hit to east with .18" Beaumont, .24"

Idywild, and .20" Borrego

Parlty Cloudy days-18 Cloudy days-0 Clear days-13 Set or tied 11 date record lows but no highs.
Temps av 2.0 below normal. Days with fog-2 Rain was 0

# September-2013

DA TU	-	T OF	<u> </u>	HIGH	MAV TIT	MIN TIME	
DATI		LOW				ND-TIME	
Sep	٠ ۲	T00	6,50	+90 11/16	SW-16	1:32p	
11	2.		6:06	+91 12:38	SW-11	12:38p	
11	3	+70		+96 USH +99 USB	SW-15	12 01-	•
Τī	4	+71		+99 /x/30	SW-13	12:01p	
11	5	+73		+98 1/1/18	SW-12	11:22a	
11	6	+72		+100 14194		12:04p	
11	/	+73		+98 /3/31	SW-11	1:22p	SEPTEMBER DATE
	8	+68		+91 12/23	SW- 9	11:21a	Low-50 22
11	9	+63		+85 12/21	SW- 8	10:30a	"high"low-73 5 & 7
11	10	+55		+82 12141	SW- 9	12:21p	High-100 6
+1	11	+53		+82 HIZE	SW-12	12:52p	"low"high-74 20
11	12	+57		+88 433	SW-11	12:04p	Low Aver60.8
11	13	+63	61.59	+89 12:14	SW-10	11:45a	High Aver87.9
11	14	+66	6:36	+94 12:41	SW-10	1:28p	Average-74.4
11	15	+67	6:44	+98 1215	SW-12	1:41p	Days of;
11	16	+66	6:30	+98 17:54	SW-12	12:44p	100- 1 day
11	17	+59		+85 12:23	SW-11	2:40p	90-11 days
11	18	+53		+80 12:30	SW-11	12:03p	80-13 days
1.5	19	+54		+85 1129	SW-11	12:45p	70-10 days
11	$\overline{20}$	+54		+74 1:20	SW- 9	12:11p	60- 8 days
ŢŢ	$\overline{21}$		6:59	+77 2(2)	SW-12	2:13p	50-17 days
11	22	+50	128	+75 MILA	SW-12	10:23a	Day temperature difference;
11	23	+55		+93 12195	SW-11	1:19p	Low-20 degrees.
* T	24		2:47	+88 11131	SW-13	11:58a	High-38 degrees.
11	25	+55		+78	SW-15	3:11p	Average-27.1 degrees.
11	26		1809	+79 12/35	NW-18	9:41a	Av. max. wind-12 mph.
11	27	+52		+83 12:13	NW-14	9:44a	Max. wind-NW-18 mph.
11	28	152 158	5:04	+88 12138	SW-12	1:17p	Min. wind-SW- 8 mph.
11	29		51,22	+89 //32	SW-12	12:41p	titii. Willia DN- O mpii,
11		Gunrise Tiola +59		+85 /21/8	SW-11	1:22p	
	υÜ	2KIN W 433	ゆいコロ	TOJ /XIID	DM-TT	T: 77h	

2-Showers hit some areas again with .50" Idywild, .12" Mt. LAguna and .68" Campo. 3-14th day in row of 90+ with 96. Could see cbs develop rapidly far to east witl Mt. San Jacinto getting drenched. Keenwild-.96", Apache Pk RAWS-.43", Tram-.64 with flooding down east side in RanchoMirage-Palm Sps area. Upper Tahquites Cr. .90", Idywild-.79" with hail, Pine Cove-.88" with El Mirage-.48".

.90", Idywild-.79" with hail, Pine Cove-.88" with El Mirage-.48".

4-Again cbs developed to east with eastern Big Bear getting hit hardest. Big Bear AP-1.27" with visi at 1/2 mile in heavy rain, FWN-.14", cabin-.62", BAldwin Lk-.22" and .06" Anza. Tram-.21", Apache Pk-.97", Keenwild-.38" Daggett-.91" with 44 mph winds and temp fell from 101 to 79°. High of 99° was waremst day since lagor. 2nd. Was 103 Burbk, 101 PAsa, 104 Pierce, 106 Riverside and 102 Palm Sprs 5-Hot again with 98°. Was 103 Burbk, 101 Pasa, 104 Pierce, Ojai and Ontario and 107 Elsinore. Showers hit Mt LAguna with .26", BAldin Lk-.19", Beaumont-.12", Keenwild-47", Tram-.22" and Cabazon-.64"

6-First 100 of year with 100 and high for month. Tied the date record with 1984. Last time it hit 100 was last Oct.1st. Was 104 Burbk, 102 Pasa, 105 Pierce and Ojai, Chino and Riverside and 108 Palm Sprs. Showers hit again to SE with .23" Hemet, .87" Baldwin Lk, .94" Mt. LAguna and .44" Jashua Tree NP.

7-18 days of 90+ with 98°. Cbs again developed far to E and SE with flooding at Forest Falls and people stranded, Palomar-2.21", Sta Ysabel-.96", Mt LAguna-2.25", Ocotillo Wells-.82", Yucaipa Ridge-3.54" Victorville-.30", Hemet-1.10" and Borrego-.65" in 1/2 hr.

9-In early morn hrs storms hit Big Bear area from NE with .31" at FWS and .12" at airport. In deserts Indio-.23", Thermal-.14" and Imperial-.38". First day in last 20 days high was below 90° with 85. 14-Barometer fell to 29.69" at 6pm, low for the month and tied the Sep. low with 16-98 again, 11th day this month, Was 101 Burbk, 96 Pasa and 105 Elsinore with 109 Palm Sprs.

18-High of 80° was coolest day since Aug. 10.

21-First big storm of Fall brought rain down to Fresno line. Tuolumme MDws had 4' of snow, a record for Sep with 6" Tioga Pass and road closed. 29-Baroeter up to 30.08" at 11am, high for month. 30-No rain now for 65 days (July 26).

Partly Cloudy days-16 as 0 Temps av 1° above normal. Cloudy days-0 Clear days-14 Tied 1 date record high, no lows. RAin was 0

#### October-2013

DATE	precip	LOW	HIGH N	AX.WI	VD-TIME		
Oct. 1	1	+59 3.4%	+83 1/19 S	5W- 9	1:40p	<del></del>	
11 2		+54 6:31	+78 7162 9	SW-14	12:59p		
11 3		+53 7101	+72 12101 8		12:18p		
11 4		+53 6152		NE-23	1:09p		
11 5		+65 <i>wid</i>	+90 /2/21 N	NE-28	5:31a	,	
'' 6		+61 6:54	+91 /2/21 5	SW-11	12:56p		
" 7		+64 6:13		SW-12	2:24p		
rı 8		+52 6:49		SW-14	1:52p	OCTOBER	DATE
" 9	, J4"	+49 7:16		SW-12	10:53a	Low-42	10
" 10		+42 6:44	+68 \$	SW-17	2:31p	''high''low-65	5
" 11		+49		SW-6	4:25p	High-91	6
11 12		+53	+78 11/95 8		12:10p	"low"high-59	9
'' 13		+49		SW-16	1:45p	Low Aver53.7	
" 14		+49 1:14	+83 17148 9		1:48p	Hìgh Aver78.7	
" 15		+57 6:13	+85 12:30 5	SW-14	1:36p	Average-66.2	
'' 16		+61 3:20	+86 1210 9	SW-18	1:35p	Days of;	
" 17		+56 6:45	+84 12:33 5	SW-15	1:40p	90- 3 days	
" 18		+56 6:25	+86 1236 5	SW-12	1:08p	80-12 days	
" 19		+60 3'29	+90 1/01 8	SW-11	1:41p	70-12 days	
** 20		+57 7:10		SW-8	11:39a	60- 9 days	
" 21		+54 6158	+81 /:23 5	SW-8	11:31a	50-17 days	
" 22		+53 6520	+83 1:15 5	SW-10	11:25a	40- 9 days	
" 23		+48 7,14	+74 /:20 5	SW-10	11:05a	Day temperature difference;	
" 24		+51 10-24	+71 1:04 5		2:29p	Low-10 degrees.	
" 25		+48 4541	+76 8126 9	SW- 9	1:16p	High-36 degrees.	
" 26		+58 1/154		SW~ 8	1:39p	Average-24.9 degrees.	
" 27		+61 6:38		SW-11	2:42p	Av. max wind-13 mph.	
" 28	一丁!	+51 6:56	+62 12:02 9	SW-13	3a -	Max. wind-NE-28 mph	
" 29		+45 5:47	+62 MW 5	SW-15	10:13a	Min. wind-SW- 6 mph.	
" 30		+46 6:33	+70 101 5	SW-13	12:39p	140 - 140 -	<del></del>
" 31		+50 12:20	+79 1:04 5	SW-12	12:48p		

4-NE winds came up at 11:30am to 23 mph at 1:09p and conti the rest of the day. Were strong elsewhere; Burbk-31 mph, Chilao-54 mph, Saugas-56 mph, Warm Sprs-64 mph and Lag Peak-77 mph. 5-Santa Ana continued all night to 28 mph at 5:31am. Ended at noon. Was 90 here but good exam of offshore wind was 92 Burpk and Pasa, 92 Venturea, 87 Morro Bay, 93 San Luis Obispo, but 77 Lancaster and Palmdale. Barometer went up to 30.13" at 11am, high for the month. 6-Up to 91, high for the month. Was 94 Burbk and Pierce, 93 Pasadena, 82 Avalon, 91 LAX, 94 Ojai and Sta Maria, 91 Venturea and 96 Riverside.

9-First rain in 74 days fell in early morning off and on to 4pm with .14". Was the heaviest storm since May 7 or 5 months. Snow fell locally down to 6,000 ft and Big Bear with 2" and earliest snow since 1997 and also in Sierras down to the Mammoth-June Lk with 3". Office-Burbk-.10", Pasa-.13", Pierce-.13", LA-.04", LAX-.02", Avalon-.04", Mt. Wilson-.11", San Berdu-.65", Arrowhead-1.00" and wet spot at Crystal Lk with 1.10". Barometer fell to 29.72" at 5pm, low for the month. 10-Low of 42 was low for month and a date record by 3 set in 2009.

16-NE wind to 16 mph in morning.
23-Lite fog in morn. Low of 48 set a date record by 1 set in 2002 and 2004.
25-Low of 48 set a date recdord by 1 set in 1991 and 2005.
28-Upper low approaching brought .01" shower from 3:30 to 4am. At 1:30pm had T' more in showe After 5:30pm showrs fell to 6:30pm of T'. Office-T', Burbk-T', Pasa-.03", San Gab'l Dam-.12

Avalon-.02", LA-.02", LAX-T", Lk Arrowhead-.87" and Baldwin Lk-.14". Snow fell abvoe 6,000 ft with 1" Big Bear and 12" Tuolumne Mdws.
29-Clouded up in afternoon and from 6 to 6:30pm had T" drizzle.

Clear days-16 Cloudy days-0 Parlty Cloudy days-15
Set 3 date record lows, no highs. Temps av 1.5 below normal. Rainfall was .66" below Days with fog-1 Days with NE winds-3

#### November-2013

		**************************************			÷		
DATE	presso	LOW	HIGH	MAX.WI			
Nov. 1	1	+61 3:12	+85 ///	SW-11	12:29p		
ે .2		+57 7:30		SW-14	1:04p		
11 3		+51 3511	+71 ///344	SW-12	11:54a		
11 4	,03"	+52 4151	+65 11:074	SW-12	11:22a		
" 5	, -	+48 7: <del>59</del>	+75 11:554	SW-15	1:30p		
'' 6		+52 <i>\$\\40</i>	+81 12605	SW-10	12:19a		TA TO
11 7		+55 5:01	+84 11:1254	SW- 9	10:58a	NOVEMBER	DATE
" 8		+56 6,51	+81 //:584		11:20a	Low-45	23 E
11 g		+54 6:44	+78 12:14	SW-10	2:19p	"high"low-63	14
" 10		+52 6:31	+85 11:540	SW- 9	11:50a	High-93	13
" 11		+52	+84 //:404		12:28p	''low''high-56	22
" 12		+55 m	+76 1.27	SW- 4	2:01p	Low Aver52.2	
'' 13		+60 5:40	+93 11/15	SW-14	1:34p	High Aver72.7	
'' 14		+63 2:17	+92 1/44	SW-12	10:28a	Average-62.5	
" 15		±50 504	+69 ///150	SW-12	12:26p	Days of;	
'' 16		+53 5:53	+60 /108	SE-11	7:58a	90- 2 days	
'' 17		+48 1.31	+69 11:364	SW-13	11:50a	80- 7 days	
		+49 6:14	+68 11 106	SW-13	11:08a	70- 9 days	
10		+51 6153	~ ~ ~ ~ ~	SW-12	12:07p	60-12 days	
1.7		+51 3/42	+60 9:40	SW-11	10:19a	50-23 days	
20	78"	+53 mid			2:09p	40- 7 days	
44	T	+48 /148			8:27a	Day temperature difference'	
		+45 4100		NE-12	7:32a	Low-4 degrees.	
4-		+45 4106	+65 12:10	SE-11	1:46p	High-33 degrees (2)	
24		+48 5 60			11:30a	Average-20.5 degrees.	
4-		+51 mg		SW-10	11:30a	Av. max. wind-12 mph	
20		+54 5138		SE-14	6:11a	Max. wind-NE-29 mph	
<u> </u>		+50 6:23			12:31p	Min. wind-SW- 4 mph.	
20				N-10			
" 29					12:14p		
'' 30	1.03"	+50 51.44	+13 /k //~	OH 11			

1.03" 4-Drizzle around 4 to 5am Of .03" from very weak front. I was one of the only wet spots. ]

T'', Pasa-.01", LA-T" and other spots 0
13-High of 93 set a date record by 6 set in 2007. Was a all Glendale record by same #s. Was 3 shy of theing the record set in 1998. Was the 5th highest Nov. temp in last 37 yrs. was hotter than any desert station with 91 at Palm Sprs. Was 95 Burbk, 92 Pasa, and LA, 90 Pierce, 94 Sta Ana and Fillmore.

14-High of 92 set a date record by 2 set in 2007 and 2008. Was a all Glendale record by sai numbers. Was 92 Burbk, 91 Pasa and LA, 90 LAX and Sta Monica and 94 Riverside.

15-Heavy Sc deck dropped temp 23° from yesterday and alos produced T' drizzle from 3 to 3:30

Baro fell to 29.70" at 4pm, low for the month.

16-Showers from heavy Sc at 7:30am of T". STayed cloudy all day with coolest max of 60°sin Oct. 9th. Areas to SE had alot more with .02" Riverside, .14" Palomar and .21" Alpine.

20-At 6:30pm drozzle began from heavy stratus with .07" by midnite.

21=Lite rain began at 12:15am mod at itmes then let up after 8am and ended at 10am with .78 more or storm toal of .85". Was wettest storm in over 6 months. Office-.52", PAsa-.72" Pierce.30", LA-.34", LAX-.39", Avalon-.37", Riverside-.49", Crystal Lk-1.86", Lytle Cr-2 Pierce.30", Big Bear-.22" with 2" snow, Palm Sprs-0.07" with 1.64" Palmdaele

22-Cold upper low over San Deigo produced NE winds after 5am up to 29 mph at 8:27am and cor nued all day. Clouds moved over all day with T" showers from noon to 2pm. Winds died c after 8pm but contined litely. Hit 60 mph Warm Sprs, 67 mph Camp 9 and 81 mph Lag Peak. 23-Low of 45 was the coldest morn since Oct. 29

25-Barometer rose to 30.22" at 10am, high for the month.
29-Began to sprinkle at 7:30am with occ'l lite rain from upper low off coast then ended by 31 with .15". From 7 to 7:30pm had T" again. Office-.// Burbk-.09", Pasa-.35", Pierce-.05' LA-.23", LAX-.31", Avalon-.74", Riveerside-.05", Arrowhd-.05" and Palm Sprs-T"

Clear days-6 Cloudy days-2 Partly Cloudy days -22
Set 2 date record high, no lows. Temps av 1.3 above normal. Rainfall was nearly 1" bel Days with NE winds-2

#### December-2013

DATE	Drecip	LOW-	HIGH	MAX.WIND-TIME	***************************************
Dec. 1		+52 57.11	+78 14:23	SW-10 noon	
11 2		+52 6:62	+73 12:22	SE- 7 7:16a	
" 3		+51 6:44	+66 //1 <b>6</b> 00	SE-15 1:10p	
11 4		+40 Ger	+61 11/26	SW-17 1:12p	
11 5		+39 6:84	+59 11:30	SW-14 1:19p	
'' 6		+40 4154	+58 /11.230	SE-18 11:24a	•
'' 7	,100	+42 41.49	+51 11/20	NW-11 7:49p	DECEMBER DATE
" 8		+36 1265	+53 /1:446	SW-10 10:26a	Low-34 9
" 9		+34 6131	+61 1206	SW-10 10:39a	''high" low-58 25
" 10		+37 6116	+67 12510	SW-10 1:30p	High-86 17
" 11		+42 6:47	+73 1212	SW-11 12:17p	''low''high-51 7 & 19
'' 12		+46 6201	+69 111.34	SW-10 11:03a	Low Aver47.3
'' 13		+43 6144	+65 12164	SW-11 1:45p	High Aver70.0
'' 14		+46 mFd	+73 12:03	SW-12 12:42p	Average-58.7
" 15		+53 4128	+81 /1:444	SW- 8 11:40a	Days of;
" 16		+54 3:11	+83 12:23	SW- 7 12:57p	80- 6 days
'' 17		+57 4:23	+86 MIZE	SW- 7 1:43p	70-12 days
'' 18		+57 7:17	+73 /11:Rla	SW-10 11:33a	60- 7 days
'' 19	177"	+44	+51 2:31	SE-13 4a	50-22 days
" 20		+40 1:53	+62 12115	NW-16 4:18a	40-11 days
" 21		+42 6526	+58 12104	SW-10 11:47a	30- 4 days
" 22		+43 5,58	+71 12112	SW- 9 12:23p	Day temperature difference;
" 23		+51 mix	+74 12113	SW-10 11:26a	Low-7 degrees.
'' 24		+52 4607	+79 M:14	SW- 9 12:05p	High-31 degrees (2)
'' 25		+58 6647	+82 <i>12/31</i>	NE-16 2:36a	Average-22.7 degrees.
'' 26		+54 <i>6:48</i>	+80 725	SW-10 10:47a	Av. max. wind-11 mph.
11 27		+55 51/4	+84 12128	SW-13 1:02p	Max. wind-SE-18 mph.
11 28		+54 7.39	+76 12581	SW- 8 11:41a	Min. wind-SW- 7 mph (3)
'' 29		+51 12517	+75 12428	SW-10 2:32p	
'' 30		+51 747	+74 12332	SW- 9 12:54p	
" 31	Gunrise-1:11	+51 Ga	+74 1259	SW-10 11:15a	
	087"				

1=A nice 78 high. Was 81 Burbk, 80 LA and RSsmo Bch and Riverside and 83 Corona.
5-Low of 39 was coldest morn since Ap. 9. Was 41 Burbk, 32 Pierce, 26 Ojai, 25 Lompoc, 17 PAso Robles, 15 Wrightwood, 11 BaldwnLk, -8 Mammoth and Truckee and -26 Bodie.

6-SE winds hit 18 mph at 11:24am, highest wind for month and calmest Dec. peak wind on Record. 7-Sprinkles began at 7am from apporaching weak storm and ended by 1pm with .10" Office..08", Burbk-.02", Pasa-.15", Pierce-.17", LA-.09", LAX-.26", Avalon-.05", Riverside-.12", Arrowhed-.5 and Big Bear-.10" with 1" snow. High of 51 was coolest high for month and since last Feb.
8-Low of 36 was the coldest morn since last March. Was 38 Burbk, 40 Pasa, 28 Pierce, 36 Long Bch 24 Lancaster, 25 Ojai, 21 Sta Maria, 27 Corona, 20 Lk Arrowhead, 16 Baldwin Lk, -17 So Tahoe, -8 Mammoth, -15 Truckee and -25 Bodie.

9-Low of 34 was coldest morn since last Feb.29 and for month. Tied the record low with 1978 and 2009, Tied the all Glendale low by same numbers. Was 35 Burbk, 38 Pasa, 35 Pierce, 15 Lanc. 23 Ojai, 26 Sta Maria, 18 Arrowhead, 2 Baldwin Lk and 10 Wrightwood. Strong winds hit some areas with Sandberg-54 mph, Oxnard-.48 mph, Freemont Cyn-86 mph and San Berdu-54 mph.

12-Snowed in Cairo, Egypt and Jerusalem today.
15-Temp climbed to 81 only 1 shy of tieding the all Glendale record set back in 1980. Was 81 Bur 80 Pasa, LAX and LA, 84 Camarillo and 85 John Wayne AP.

- 16-83 with 86 Burbk, 85 Pasa, LA and LAX and 82 Sta Monica Pier with 87 Fillmore, 83 Sta Maria and 85°SLO.
- 17-3rd day in row of 80+ with 86 and high for the month. Set a date record by 2 set in 1998. We a all Glendale record by same numbers plus 1958. Was most 80 days in 6 years. Was warmest Dec. day in 6 years. Only 3 other Decembers have been warmer. Record is 89 back in 1979. Was 88 Burbk, 85 Pasa, 86 Pierce, 82 LA, 80 Sta Maria, 82 SLO, 87 Riverside and 79 Palm Sprs.
- 19-Occ'l showers fell after 4am from approaching upper low then moderate rain after 12:15pm to 12:30pm then rain until ended at 3:30pm with .73". Another shower from 6-7pm of .04" for .77" storm total. At 1:12pm had one roll of thunder. Max temp of 51 was 35 cooler thean 48 hrs ago Office-.66", Burbk-.18", Pasa-.80", Pierce-.17", LA-.11", LAX-.04", Avalon and deserts-0, San Gabriel Dam-.51" and Lk Arrow head-.57", Lite snow fell above 5,500 ft with 4" Big BEar. Barometer fell to 29.72" at 2pm, low for month.

23-Barometer rose to 30.34" at 10am high for month.

25-NE winds blew in early morn to 8am up to 16 mph at 2:36am. High was 82 and tied the all Glenal record with 1980. Was 4th day of 80 the most since tieing 2006. Was 84 Burbk, 79 Pasa, 75 Pierce, 81 LAX, 82 LA, 84 Redondo Bch, 82 Ventura, 80 Sta Maria and 84 SLO with 78 Palm Sprs. 26-High of 80 set a date record by 1 set in 1980. Was 5th day this month of 80 tied with the

most since 2004. Tied the all Glendale record with 1956. 27-High of 84 set a date record by 7 last set in 1988. Was a all Glendale record by 2 set in 1956. Was 6th day this month of  $80^{\circ}$ , most since 1980 and just one day shy from tieing record set in 1979. Was 84° Burbk, 82° Pasa, 85° Pierce and LA, 83° LAX, 84° Sta Maria, 85° SLO and Riverside but only 76° in Palm Sprs.

Clear days-8 Cloudy days-0 Partly Cloudy days-23 Tied one date record low but tied or set 4 date record highs. Days with thunder-1 Temps av 2.3°above normal. Rainfall was over 2" below. Days with NE winds-1