

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

OCTOBER-1981

DATE	Precip	LOW	HIGH	MAX. WIND-TIME	MILES (TIME)	-AV.		
Oct. 1	.38"	+64	+70	SW-42 2:20a	92	8pm	3.83	
" 2		+60	+68	SW-24 3:30p	84	8pm	3.50	
" 3	.02"	+57	+63	SW-17 5:30a	102	8pm	4.25	
" 4		+56	+73	SW-25 3:10p	77	8pm	3.21	
" 5		+53	+77	SW-23 2:45p	63	8pm	2.63	
" 6		+60	+85	SW-22 12:45p	76	8pm	3.17	
" 7		+60	+77	SW-26 2:45p	87	8pm	3.63	
" 8		+57	+75	SW-23 12:55p	85	8pm	3.54	OCTOBER DATE
" 9	SUNSET 4:16p	+56	+74	SW-20 4:50p	62	8pm	2.58	Low-45 14
" 10		+57	+70	SW-24 3:50p	100	8pm	4.17	"High" low-71 19
" 11	.01"	+55	+66	SW-24 2:15p	99	8pm	4.13	High-91 19
" 12		+50	+68	SW-28 3pm	84	8pm	3.50	"low" high-63 3
" 13		+46	+66	SW-24 3:15p	81	8pm	3.38	Low Aver.-56.1
" 14		+45	+68	SW-18 12:15p	81	8pm	3.38	High Aver.-74.9
" 15	T"	+48	+68	SW-23 3:30p	69	8pm	2.88	Average-65.5
" 16		+49	+74	SW-23 1:55p	64	8pm	2.67	90- 1 day
" 17		+55	+78	SW-25 1pm	--	---	----	80- 8 days
" 18		+64	+87	SW-26 3pm	103	9pm	4.12	70-12 days
" 19		+71	+91	NE-30 7:30p	171	8pm	7.43	60-29 days
" 20	SUNRISE 7:15a SUNSET 4:57p	+62	+85	SW-23 3pm	68	8pm	2.83	50-17 days
" 21		+51	+80	SW-12 4:05p	40	8pm	1.67	40- 5 days
" 22		+58	+89	SW-14 3pm	45	8pm	1.88	Temp.difference;
" 23		+64	+88	SW-15 1pm	66	8pm	2.75	High-31 degrees.
" 24		+58	+83	SW-18 1:30p	62	8pm	2.58	Low-6 degrees.
" 25		+56	+75	SW-14 12:45p	35	8pm	1.46	Av.-19.1 degrees.
" 26		+54	+66	SW-15 3pm	40	8pm	1.67	Av.max.wind-SW-25m
" 27		+56	+65	SW-14 12:15p	32	8pm	1.33	Max.wind-NE-71 mph
" 28	SUNRISE 6:42a	+54	+66	SE-18 12:45p	46	8pm	1.92	Min.wind-SW-12 mph
" 29		+48	+66	NW-45 3:40p	110	9pm	4.58	Total wind-2,504mi.
" 30		+53	+77	NE-71 1:40a	174	8pm	7.57	Av.wind speed-3.48
" 31	.055"	+62	+83	NE-45 8:45a	206	8pm	8.58	

- 1-Gusty SW winds to 42 mph at 2:20am then shifting northerly until 9am, along with occ'l rain and showers conti. into morning ending by early afternoon with .35" falling or .38" total. Other areas had heavy amounts overnight with .47" LA, .41" LAX, .52" Pasa, .65" office, .44" Lancaster, .08" Plm Sprs; 0 at Mt. Wilson and Big Bear and up to 1.10" San Juan Cap. In evening flash floods isolated Mojave and hit Death Valley area with .18" falling. Phoenix today had a thunderstorm with .68" falling in 5 minutes (tying the all-time 5 min. record) and a 61 mph wind (an Oct. record). *Parker Dam-1.50" & Tehachapi-1.40"*
- 2-Had a cool 72° at Plm Sprs.
- 3-Drizzle in early morn hours until 9am from Stratus clouds produced .02". Bur-C Pasa had .02" and T^h Beaumont. High of 63° was coolest since May 19.
- 5-Low of 53° was coolest morn since May 22, was 27° Big Bear.
- 10-Weak front produced lite rain down to Bakersfield with drizzle along La Crescenta-Canada foothills. *La Cres-.04"*
- 11-Sprinkles in morn up to 8am prod. .01" Had sprinkles again at 10 and 10:30 Blue Cyn at 5000' in Sierras had snow all morning as well as south Tahoe and Reno in afternoon. No rain fell in many areas but mtns picked up alot with .20" Big Bear, .46" Mt. Wilson and 1.06" Arrowhead, Beaumont-.03", San Deigo-.02" and .29" Mt. L. guna.
- 12-Low of 50° was coolest since May 21. Went down to 22° Big Bear, lowest since March. Could see showers over mtns in afternoon with Big Bear reporting T^h SNOW in evening.

- 13-Low of 46° was coldest Oct. on station's records and since Ap.20. Was also the earliest Fall temp of 49° or below. Was 48° Burbk, 47° Pasadena, 39° Sta Barbara, 29° Mt. Wilson and 26° Big Bear.
- 14-Low of 45° set a new Oct low for station. Low at Big Bear of 17° was lowest Oct. temp since 1975. Few Cbs built over mtns to north in afternoon.
- 15-Cb built over mtns during day then drifted west in late afternoon with bri shower at 4:25pm of T°. Had T° Big Bear and .12" El Cajon, *La Pres-.02"*
- 18-High of 87° was warmest day in nearly a month. Santa Ana wnds blew from 7:45-10am to 25 mph then came up again at 6pm briefly but then steadily after 7:20pm.
- 19-Santa Ana blew steadily all nite long until 10am to 25 mph at 3:30am. Shifted back at 5:50pm hitting 30 mph at 7:30pm and ending at 9:15pm. Low of 71° was warmest morn since Sep.19. High of 91° was warmest day since the 19th also. LA was nation hot spot with 96° with 93° LAX and 95° Burbk and Plms.
- 24-Lite fog in morn.
- 28-Rapid moving weak front moved in during late morn with rain from 1 to 2pm totalling .14" then skies broke some. Some areas had nothing but others had; LA-.02", Lg Bch-.06", office-.06", Riverside-.26", Big Bear-.37", San Deigo-.12" and Ramona-.33"
- 29-After 10am gusty N to NW winds came up hitting 45 mph at 3:40pm and conti. into evening.
- 30-Just past midnite winds shifted to NE incre. after 1am to 71 mph at 1:40am then decreasing some after 2:30am but conti. until shifted to SW after 10a Peak tied the Oct. record set in 1979. Came up again after 8:30pm.
- 31-Santa Ana conti. all nite up to 32 mph at 6:15am and 45 mph at 8:45am. After 10:30am wind shifted to SW. Shifted back to NE at 4:15pm. Winds hi 53 mph at Lag Peak above Pt. Mugu and 54 mph at Sandberg.

Clear days-9 Cloudy days-3 Partly Cloudy days-19

Rainfall was slightly above normal. Was coolest Oct. on station's records with av. 4° below normal. Was windiest Oct.

Days of fog-1 Days of thunderstorms-1

Days of Santa Ana or NE winds-4

DATE	LOW	HIGH	WIND	WIND DIR	WIND SPC	WIND DIR	WIND SPC	WIND DIR	WIND SPC
10-01	46	71	30W	08	30W	10-02	47	72	30W
10-02	47	72	30W	08	30W	10-03	48	73	30W
10-04	48	73	30W	08	30W	10-05	49	74	30W
10-06	49	74	30W	08	30W	10-07	50	75	30W
10-08	50	75	30W	08	30W	10-09	51	76	30W
10-10	51	76	30W	08	30W	10-11	52	77	30W
10-12	52	77	30W	08	30W	10-13	53	78	30W
10-14	53	78	30W	08	30W	10-15	54	79	30W
10-16	54	79	30W	08	30W	10-17	55	80	30W
10-18	55	80	30W	08	30W	10-19	56	81	30W
10-20	56	81	30W	08	30W	10-21	57	82	30W
10-22	57	82	30W	08	30W	10-23	58	83	30W
10-24	58	83	30W	08	30W	10-25	59	84	30W
10-26	59	84	30W	08	30W	10-27	60	85	30W
10-28	60	85	30W	08	30W	10-29	61	86	30W
10-30	61	86	30W	08	30W	10-31	62	87	30W
10-31	62	87	30W	08	30W				

10-01-1981

10-01-1981

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GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

NOVEMBER-1981

DATE	precip	LOW	HIGH	MAX. WIND-TIME	MILES (TIME)	-AV.	
Nov. 1		+60	+88	NE-26 9:45p	84	8pm	3.50
" 2		+65	+88	SW-21 2:10p	74	8pm	3.08
" 3		+63	+84	SW-15 12:05p	53	8pm	2.21
" 4		+55	+75	SW-12 2:15p	43	8pm	1.79
" 5		+53	+73	SW-15 6:35p			
" 6	T ^u	+56	+63	SW-20 2:40p			
" 7		+48	+72	SW-23 12:25p			
" 8		+57	+83	SW-24 2:10p	218	8pm	2.27
" 9		+61	+82	SW-23 11:20a	50	8pm	2.08
" 10		+59	+77	SW-20 1:35p	37	8pm	1.54
" 11		+56	+80	SW-17 2pm	34	8pm	1.42
" 12		+55	+73	SW-16 1:35p	31	8pm	1.29
" 13		+54	+71	SW-14 4:15p	48	8pm	2.00
" 14		+52	+68	NW-18 3:45p	30	8pm	1.25
" 15		+54	+75	SW-18 2:20p	37	8pm	1.54
" 16		+55	+75	SW-16 2:45p	31	8pm	1.29
" 17	T ^u	+54	+69	SW-17 2:45p	64	8pm	2.67
" 18		+51	+76	NE-24 6pm	63	8pm	2.63
" 19		+54	+79	SW-12 2:15p	37	8pm	1.54
" 20		+56	+76	SW-12 1:35p	33	8pm	1.38
" 21		+54	+73	SW-12 12:55p	32	11pm	1.19
" 22		+53	+70	SW-15 11am	32	8pm	1.52
" 23		+55	+74	SW-12 1:45p	20	8pm	0.83
" 24		+50	+63	SW-13 12:05p	39	8pm	1.63
" 25		+48	+69	NW-26 5:30a	64	8pm	2.67
" 26	60"	+46	+59	SW-29 12:25p	101	10pm	3.85
" 27	42"	+43	+53	SE-33 9:55a			
" 28	87"	+45	+50	SE-31 4:45a			
" 29		+43	+62	SW-27 12:35p	237	8pm	3.39
" 30	289"	+43	+63	SW-19 1:30p	39	8pm	1.63

NOVEMBER	DATE
Low-43	29 & 30
"high"low-65	
High-88	1 & 2
"low"high-50	28
Low Aver.-53.3	
High Aver.-82.1	
Average-62.7	
80- 6 days	
70-14 days	
60-11 days	
50-22 days	
40- 7 days	
Temp.difference;	
High-28 degrees.	
Low-5 degrees.	
Av.-18.8 degrees	
Av.max.wind-SW-19mph	
Max.wind-SE-33 mph.	
Min.wind-SW-12 mph	
Total wind-1,531mi.	
Av.wind speed-2.13	

1-High of 88° was warmest in 9 days. Hit 93° at Lg Bch for nation hot spot and 90° Plm Sprs. At 4:45pm a lite Santa Ana came up to 26 mph at 9:45pm and ended at 10:45pm.

6-Had a lite drizzle in early morn hours of T^u w/ 1/4 cres-.05" & Burk-04"

13-Strong storm to north brought rain as far south as Sta Barbara-Bksfield.

Heavy snow hit Sierras along with heavy rains and wind w/ 10" snow Twin Lakes.

17-Another storm brought rain down to Sta Barbara with apparent frontal passage here at 12:15pm but with only low Sc clouds moving thru and T^u sprinkle at 2pm.

18-From 5:20 to 7:20pm Santa Ana winds came up to 24 mph at 6pm.

20-Hi of 81° at Pasadena was only 1° shy of tying nation hot spot. Was 76° here. In last 17 of 20 days hi has been 71° or higher. Three more days this month and it will be a new Nov. record.

23-Hi of 74° was 20th day of 70+ this month, a November RECORD. Av. wind speed of 0.83 mph was lowest since April.

25-Weak frontal passage over in early morn brought a few showers to east Foot. hills and San Diego County with .07" Beaumont, but only a beautiful day here with NW winds to 26 mph.

26-Approaching front brought threatening clouds here most of day with lite rain beginning at 5:30pm. SW winds after 9am hit 29 mph at 12:25pm the highest wind of the month so far. Hi of 59° was coolest Nov. high in 3 yrs and since Apr. 19. Showers were a little heavier earlier in San Diego Cty with T^u San Diego and .25" Julian. Rain slowly increased becoming heavy from 8:15 to 8:30pm with .36" in 15 minutes. Rain ended

at 8:30pm with a wind shift at 8:45pm as skies broke. Had .60" Storm total so far. Was first measurable rain in 29 days and heaviest amount since Apr. 19.

- 27-Had another lite shower from 6 to 7am of .03" from new storm as skies broke Low of 43° was coldest morn since Apr. 3. From 10:45 to 11:30am had a mod. shower with a few after, as SE winds incr. after 9am hitting 33 mph at 9:5 am but letting up after 11:30am. Wind incr. again after 3:30pm and steady rain began at 5pm with se winds to 30 mph at 5:40pm. By 5pm had .42" from this new storm caused by an upper low slipping down the Ca. coast. Around 8pm had a lite thunderstorm to East. Hi of 53° was reached at 9:30am.
- 28-Rain conti. all nite, mod. around 2:30-3pm along with SE winds to 31 mph at 4:45am then measurable rain ended by 10:30am with 1.69" in this new storm or 2.29" for last 2 days. Others: office-1.86", LA-1.78", Lg Bch-1. Northridge-2.63", Pasa-2.49", Mt. Wilson-4.40", Plm Sprs-.30", RMRC-.23". Heavy snow fell above 4,500' including Lukens, with 20" Mt. Wilson, 10" Top of Trm and 2" Antelope Vly. and Tehachapi and 12" Big Bear. Hi of 50° was coolest Nov. hi since 1978. Rainfall total made this Nov. the wettest Nov. for station and since 1973.
- 29-Low of 11° at Big Bear was coldest Nov. since 1978. Was 43° here, 26° M+. Wilson and 37° Sta Barbara.

Clear days-5 Cloudy days-1 Partly Cloudy days-24
Rainfall was normal. Temps av. slightly above normal
with warmest low av. since 1977. Was calmest Nov. on records
and lowest Max. average since Sep., 1980.
Days of fog-0 Days of thunderstorms-1 Days of NW winds-2

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

DECEMBER-1981

DATE	precip	LOW	HIGH	MAX. WIND-TIME	MILES (TIME)	-AV.
Dec. 1		+48	+69	SW-19 12:15p	47 8pm	1.96
" 2		+53	+77	SW-14 1:25p	14 8pm	0.58
" 3		+55	+81	NE-15 6:20p	15 8pm	0.63
" 4		+56	+73	SW-10 12:15p	15 8pm	0.63
" 5		+56	+71	SW-12 12:10p	22 8pm	0.92
" 6		+55	+71	SW- 9 12:30p	14 8pm	0.58
" 7		+54	+72	NW-11 6:10p	14 8pm	0.58
" 8		+57	+82	NE-10 5:30p	19 8pm	0.79
" 9		+59	+75	SW-14 2pm	23 10pm	0.89
" 10		+55	+67	SW-10 1:50p	12 8pm	0.55
" 11		+49	+65	SW-10 2:15p	9 8pm	0.38
" 12		+49	+63	SW- 5 1:15p	47 8pm	1.96
" 13		+49	+62	SW- 7 12:55p	50 8pm	2.08
" 14		+51	+76	SW-11 2:25p	26 8pm	1.08
" 15		+55	+75	SW-16 1:45p	25 8pm	1.04
" 16		+54	+73	SW-11 2pm	10 8pm	0.42
" 17		+53	+78	SW-11 12:05p	25 8pm	1.04
" 18		+56	+73	SW- 7 12:30p	5 8pm	0.21
" 19	Exhibit-707 Oct-31-11	+56	+72	SW-17 2:30p	39 8pm	1.63
" 20	Tu	+50	+64	SW-16 3:10p	18 8pm	0.75
" 21	.07"	+47	+64	NW-56 3pm	134 8pm	5.58
" 22		+49	+69	NE-61 6:55a	265 8pm	11.04
" 23		+46	+67	NE-32 3:10p	100 8pm	4.17
" 24		+45	+67	SW-19 1:25p	36 8pm	1.50
" 25		+49	+64	SW-18 1:45p		
" 26		+48	+65	SW-19 12:20p	53 8pm	1.10
" 27		+47	+66	SW-26 2:10p		
" 28	SUNSET-3147	+45	+64	SW-18 1:30p	59 8pm	1.23
" 29	" Rise-7102	+47	+63	SW-19 1:30p	27 8pm	1.13
" 30	.02"	+49	+58	SW-15 4:55p	20 5pm	0.95
" 31		+50	+53	SW-21 1p00p	52 5pm	2.17

DECEMBER	DATE
Low-45	24 & 28
"high"low-59	9
High-82	8
"low"high-53	31
Low Aver.-51.4	
High Aver.-69.0	
Average-60.2	
80- 2 days	
70-12 days	
60-15 days	
50-19 days	
40-14 days	
Temp.difference;	
High-26 degrees.	
Low-3 degrees.	
Av.-17.7 degrees.	
Av.max.wind-SW-17m	
Max.wind-NE-61 mph.	
Min.wind-SW- 5 mph.	
Total wind-1,197mi.	
Av.wind speed-1.61	

- 2-High-82° Av. wind speed of 0.58 mph was lowest av. since Jan. 11.
- 6-Continued low av. wind speeds (0.58 mph today) produced very smoggy conditions for 3rd day in a row with visi. down to 1 mile. Max. wind of only 9 mph was lowest since Oct. 11, 1980.
- 8-Hi of 82° was warmest day in a month and was 3 shy of US record hi today set at LA. Was 81° Pasadena, 84° Burbank and 81° Plm Sprs. and an unofficial 88° at Spring Valley in San Diego Cty.
- 10-Calm days continued with only an hour and half of steady wind and hitting only 10 mph.
- 18-Continued calm winds have produced an av. max. of 11 mph in last 18 days. Had wind from 11:55am to 1:15pm for entire day. Four year av. is 22 mph, Av. wind speed today tied the low for this station set last Jan 11 with 0.21 mph. Av. wind speed for month so far is only 0.91 mph with 4 year av. at 2.64 mph. Haven't had any rain now for 3 weeks.
- 20-Weak front moving down the coast that brought flooding conditions to Northern Calif. yesterday produced drizzle and sprinkles after 4:15pm with T" by 5pm.
- 21-Ended about 1:30am with .07" for storm total and cleared with NW winds coming up at 7:15am and increasing to 56 mph at 3pm. Highest since Oct. 30. Other stations reported; office-.04", LA-.03", Pasa-.11" and Arrowhd-.18". Wind shifted to NE after 9:45pm. In Cal-05"
- 22-Santa Ana winds blew all nite increasing after 6am to 61 mph at 6:55am then decreasing some after 7:45am but continuing all day into evening.

0.69"

23-Santa Ana ended at 12:30am but came up again after 2:30pm hitting 32 mph at 3:10pm and ending at 9:15pm.

30-At midnight lite rain began until ending but remaining mostly cloudy after 8:30am with .62" falling. Was first big storm in over a month. Other areas got; LAX-1.50", LA-.45", Pasadena-.66", Mt. Wilson-1.19", Big Bear-T" RMRC-0, Plm Sprs-.0 *Calu-T"*

Clear days-3 Cloudy days-2 Partly Cloudy days-26

Temps av. 1° above normal but was coolest Dec. average in 3 yrs.

Was driest Dec. for station and since 1975 and nearly 2" below average. Was calmest Dec. for station and calmest month every for station.

Days of fog-0

Days of NE winds-4

01	710	712	7101	7101	10	10	10	10
02	710	712	7101	7101	10	10	10	10
03	710	712	7101	7101	10	10	10	10
04	710	712	7101	7101	10	10	10	10
05	710	712	7101	7101	10	10	10	10
06	710	712	7101	7101	10	10	10	10
07	710	712	7101	7101	10	10	10	10
08	710	712	7101	7101	10	10	10	10
09	710	712	7101	7101	10	10	10	10
10	710	712	7101	7101	10	10	10	10
11	710	712	7101	7101	10	10	10	10
12	710	712	7101	7101	10	10	10	10
13	710	712	7101	7101	10	10	10	10
14	710	712	7101	7101	10	10	10	10
15	710	712	7101	7101	10	10	10	10
16	710	712	7101	7101	10	10	10	10
17	710	712	7101	7101	10	10	10	10
18	710	712	7101	7101	10	10	10	10
19	710	712	7101	7101	10	10	10	10
20	710	712	7101	7101	10	10	10	10
21	710	712	7101	7101	10	10	10	10
22	710	712	7101	7101	10	10	10	10
23	710	712	7101	7101	10	10	10	10
24	710	712	7101	7101	10	10	10	10
25	710	712	7101	7101	10	10	10	10
26	710	712	7101	7101	10	10	10	10
27	710	712	7101	7101	10	10	10	10
28	710	712	7101	7101	10	10	10	10
29	710	712	7101	7101	10	10	10	10
30	710	712	7101	7101	10	10	10	10

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

JANUARY-1982

DATE	precip	LOW	HIGH	MAX.WIND-TIME	MILES(TIME)	-AV.
Jan. 1	.39"	+47	+60	SW-24 3:20a	64 9pm	2.56
" 2	.15"	+40	+52	NE-44 7:50p	64 5pm	3.20
" 3	sunrise .80"	+35	+55	SW-19 1pm	113 8pm	4.19
" 4	.03"	+40	+52	SW-19 6pm	44 9pm	1.76
" 5	.14"	+41	+54	SW-24 12:50a	29 8pm	1.26
" 6		+44	+56	NE-71 10:03p	52 8pm	2.17
" 7	sunrise-7:10p	+44	+60	NE-84 5:40a	125 6pm	5.68
" 8		+44	+69	NE-60 2:55a		
" 9		+52	+76	NE-30 7am	202 6pm	4.21
" 10	.02"	+54	+62	SE-22 11:30a	50 8pm	1.92
" 11		+52	+68	SW-21 1:45p	50 8pm	2.08
" 12		+49	+61	SW-20 12:35p	28 8pm	1.17
" 13		+48	+69	SW-15 12:45p	47 6pm	2.14
" 14		+49	+69	SW-19 2pm	40 8pm	1.84
" 15		+47	+73	SW-13 2:35p	24 8pm	1.00
" 16		+54	+75	SW-19 ---	27 8pm	1.13
" 17		+51	+69	SW-18 ---	18 8pm	0.75
" 18		+41	+53	SW-9 1pm	---	---
" 19		+44	+55	SE-45 10:55p	---	---
" 20	.10"	+43	+48	SW-50 5:50p	---	---
" 21	.30"	+39	+51	NW-30 5pm	121 8pm	4.32
" 22		+37	+54	NE-38 12:15a	107 8pm	4.46
" 23		+42	+64	SW-16 11am	19 8pm	0.79
" 24		+44	+76	SW-18 2:50p	28 8pm	1.17
" 25		+56	+69	SW-18 2:15p	34 8pm	1.42
" 26		+43	+60	SW-22 12:05p	35 8pm	1.46
" 27		+45	+56	SW-15 12:30p	19 8pm	0.79
" 28	.14"	+43	+52	NW-26 5:45p	42 8pm	1.75
" 29		+41	+65	NE-64 11:30a	121 8pm	5.04
" 30		+45	+68	SW-17 2:15p		
" 31	.34"	+48	+69	NE-19 10:20p	157 8pm	3.27

JANUARY	DAT
Low-35	3
"high"low-56	25
High-76	9 & 24
"low"high-48	20
Low Aver.-45.2	
High Aver.-61.9	
Average-53.55	
70- 4 days	
60-14 days	
50-17 days	
40-23 days	
30- 3 days	
Temp.difference;	
High-32 degrees.	
Low-5 degrees.	
Av.-16.7 degrees.	
A..max.wind-SW-29	
Max.wind-NE-84 mph	
Min.wind-SW-9 mph.	
Total wind-1,762mi	
Av.wind speed-2.61	

- 1-Occ'l rain began at midnite increasing briefly to mod. at 4:30am ending by 8:30am with .39". Was first rain on Rose Parade since 1955. Had gusty SW winds from 12:40am to 5am hitting 24 mph at 3:20am. Snow fell above 6,500' with 3" Big Bear and 4" Tram. Other rainfall; LAX-T", LA-.53", Pasa-.44", Northridge-.34", Mt. Wilson-.63", Big Bear-.40", Plm Spr-T" & RMRC-.03". Baro. fell to 29.76" at 3pm. Hills around San Fran had 2" of snow today.
- 2-A fast moving, cold front, passed over in early morn with showers from 3 to 6am of .14". Cold North winds came up after 8:30am increasing during day, hitting 44 mph at 7:50pm. At 2pm had a 5 min. small hail storm of .01" mor or .15" storm total. Up to a foot of snow fell above 5,000' in San Gab'l Mtns but down to 2,600' with snow in Yucaipa and Beaumont. Hills around Plm Sprs had snow down to 3,000'. Other areas had; LAX-0, LA-.12", Pasa-.0 Northridge-.09" & RMRC-.09"
- 3-North winds ended by 3am and temp fell to 35° at 5am. Was coldest morn sin Dec. 9, 1978 and coldest Jan. for station. Had a lite frost. Was cold else where with LA 39°, Burbk 38°, Pasa-34°, Beaumont 25°, Mt. Wilson 19°, Plm Sprs 3° RMRC 33° and -1° at Big Bear, coldest temp since Feb. '79.
- 4-Approaching storm with it's warm st front brought lite sprinkles and occ'l showers after 2:30pm with .03" by 5pm. Rainfall was very heavy in central Calif. with 5.91" San Fran, 10.34" Marin and 13.48" Kntfield. Snow covere the ground from Redding to Vancouver with 1" Astoria and Portland, 2" Seatt

- and 8" Bellingham. I5 was closed in morn 12 miles north of Redding with 30" Shasta City.
- 5-After 3am steady lite rain fell until 8am then drizzled until 10am as ended with .44" more of .47" storm total. Big Bear had 8" new snow and heavy snow hit Sierras with up to 5 feet in last 3 days and Bishop had 12" on ground. Snow continued to fall also along the coast of Oregon-Wash. with 2" Astoria and 8" Victoria. Others; LA-.37", office-.45", Avalon-1.02", Pasa-.58", Northridge-.59", Mt. Wilson-1.10", Big Bear-1.26", Arrowhd-2.27", Plm Spr-.0 and RMRC-.05"
- 6-At 6pm a cold Santa Ana wind came up increasing, hitting 45 mph by 6:50pm and 56 mph at 9:25pm and peaking at 71 mph at 10:03pm.
- 7-Santa Ana conti. all nite increasing to 84 mph at 5:40am in 44° weather, then slowly decreasing and ending at 12:30pm. Came up again at 4:40pm. Was cold all over the West with 17° Seattle, -10° Cedar City, -22° Burley, -23° W. Yellowstone, 23° Mt. Wilson and Lancaster, 0° Big Bear and a 31° high and -5° Bishop. Hit 57 mph at 7:40pm. *Was -31° at Bridgeport for coldest Calif spot this month.*
- 8-Santa Ana wind conti. all nite hitting 60 mph at 3am and ending at 9:45am. Came up again at 7pm ending at midnite hitting 30 mph.
- 10-Upper low SW of San Deigo drifted NE and produced showers after 3:05pm along with lite rain from 7:30-7:45pm as ended with .02". Office-T", LA-0 Northridge-.01", Beaumont-.10", Arrowhd-.12", Apply Vly-.20", Mt. Wilson-.20", Plm Sprs-/13", RMRC-.13" with San Deigo-.16", Thermal-.06" & Julian-1.06"
- 11-High of 73° at Burbk was nation hot spot. Was 68° here and 69° Pasadena.
- 12-~~Was 74° at San Antonio Tex. - 90° in Calif. for month.~~
- 18-Light fog in morning.
- 19-Unstable air produced sprinkles from Sat cu. around 7am. Increasing SE winds came up after 7:30pm with lite rain beginning at 10pm becoming mod. after 10:30pm and winds hit 45 mph at 10:55pm.
- 20-Rain became briefly heavy from 12:14-20am with .12" falling then became showery and winds hit 32 mph from SW at 12:30am. From 4:30 to 5am had another mod shower and rain ended at 5:30am but showers started after 7am with 1.11" total so far. Had a few brief heavy showers from unstable air mass with showers moving over rapidly. SW winds incr. after 9am hitting 48 mph at 11:50am then became SE during a heavy shower from 4:30-5pm. Hit 50 mph at 5:50pm then let up and shifted to NE at 6:15pm. By 5pm had .84" during day for 2.02" storm total so far. Had occ'l fog in afternoon. Showers conti. into evening. Heavy snow fell above 5,000' with 13" by 4pm at Big Bear, 8" M. Wilson and even 6" Bishop. US 395 was closed by snow at 6pm with chains required from Big Pines north. At 5pm Big Bear airport reported 6/10 in blowing snow, 27° and 63 mph SW wind producing a -15° wind chill. Hi of 48 was coldest hi since Feb., 1979. Occ'l showers conti. into evening and winds ended by 9pm. Baro fell to 29.75" at 5pm.
- 21-Had a few showers in early morn up to 7:30am with .30" more falling since 5pm for 2.32" storm total. Snow stuck down to 3,000' with 8" Bishop, 30" Big Bear, 30" Arrowhd and 22" M. Laguna. *13" at Big Bear, 14" at Arrowhd.* Snow also stuck in Yucaipa and Beaumont. Other totals; LA-1.00", LAX-1.06", office-1.54", Pasa-2.06", Lancaster-.56", Plm Sprs-.75", RMRC-.53", Thermal-.02", Cabin-2.95", with San Deigo-.95", Palmar-3.19", Julia-4.19" and Borrego-1.24" NW winds came up after 10:30am hitting 30 mph at 5pm then shifting more northerly after 7pm to 27 mph. *Shasta City has 18" on ground*
- 22-NE winds hit 38 mph at 12:15am then ended at 4:30am. Temp fell to 37°, lowest in 19 days.
- 23-Baro rose to 30.28" at 10am.
- 25-Low of 56° was warmest in over a month--Dec. 19.
- 28-Weak front produced sprinkles after 11am with brief lite rain at 11:30am as front passed over with unstable air showers behind, including a moderate or just before 3pm. Had .14" by 5pm and T" more as ended at 7pm. Snow fell down to 4,500' with 6" Big Bear. Office-.05", LA-.13", Pasa-.14", Mt. Wilson-.39", San Berdu-.06", Big Bear-.37", Plm Spr-.T", RMRC-0 with Julian-.85" and Palomar-1.21" NW winds came up after 7:45pm.
- 29-NW winds hit 33 mph at 12:50am then shifted to NE at 8am hitting 64 mph at 11:40am and continued all afternoon ending at 6pm.
- Clear days-11, Cloudy days-4, Partly cloudy days-16. Was clearest Jan on record. Was windiest max, but below normal averages. Rainfall was slightly below and av. temp 2° below. Days of fog-1, frost-1, hail-1. NE wind-8

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

FEBRUARY-1982

DATE	precip	LOW	HIGH	MAX.WIND-TIME	MILES(TIME)	-AV.	
Feb. 1		+49	+71	NE-21 4am	54 8pm	2.25	
" 2		+48	+69	SW-22 2:50p	45 8pm	1.88	
" 3		+46	+64	SW-23 12:20p	48 8pm	2.00	
" 4		+44	+57	SW-20 1:35p	32 8pm	1.33	
" 5		+44	+65	SW-26 1:45p	73 8pm	3.04	
" 6		+47	+65	NE-30 12:20a			
" 7		+47	+58	SW-21 4:30p	124 8pm	2.58	
" 8	.01"	+45	+56	SW-15 10:45a	14 8pm	0.58	FEBRUARY DATA
" 9	T"	+47	+55	SW-21 2:30p	47 8pm	1.96	Low-44 4 & 1
" 10	.43"	+46	+51 7pm	SW-20 11:15a	10 8pm	0.42	"high"low-59 10
" 11	.15"	+49	+60	SW-23 3:30p	28 8pm	1.17	High-83 20
" 12		+48	+68	SW-18 2pm	26 8pm	1.08	"low"high-51 10
" 13		+48	+66	SW-22 1:30p	22 8pm	0.96	Low Aver.-50.1
" 14		+50	+62	SW-22 1:30p	26 8pm	1.08	High Aver.-66.7
" 15	.05"	+54	+60	SW-15 4:40p	20 8pm	0.83	Average-58.4
" 16	.06"	+56	+67	SW-22 3:15p	24 8pm	1.00	80- 3 days
" 17		+51	+73	NW-39 10:10p	47 8pm	1.96	70- 6 days
" 18	SUNSET 4:27p	+59	+79	NE-49 12:45a	219 8pm	9.13	60-14 days
" 19		+56	+80	NE-19 6:10a	67 8pm	2.79	50-18 days
" 20		+59	+83	SW-27 2:20p	44 8pm	1.83	40-15 days
" 21		+59	+81	SW-17 2pm	37 8pm	1.54	Temp.difference;
" 22		+55	+74	SW-32 1:55p	46 8pm	1.92	High-24 degrees(2)
" 23		+51	+67	SW-25 3pm	50 8pm	2.08	Low-5 degrees.
" 24	T"	+50	+61	SW-17 12:20p	13 8pm	0.54	Av.-16.7 degrees.
" 25		+52	+65	SW-20 12:10p	46 8pm	1.92	Av.max.wind-SW-23 1
" 26		+46	+67	SW-21 10:45a			Max.wind-NE-49mph.
" 27		+47	+70	SW-20 12:35p			Min.wind-SW-15mph(1
" 28	.070"	+50	+74	SW-22 2pm	134 8pm	1.86	Total wind-1,296mi.
							Av.wind speed-1.93

5-At 6:05pm NE winds came up, hitting 22 mph at 8pm.

6-NE winds blew until 3am, hitting 30 mph at 12:20am and then briefly again at 6 to 7am.

8-From 4 to 6am had a few lite showers totalling only .01". Office-.02", LA-.02", LAX-.14", Pasa-.02", Mt. Wilson-.03", BB-T" with .48" Julian & .61" Mt. Laguna.

9-Began to sprinkle after 4pm with T" by 5pm. as ended. Most areas had nothing but Beaumont-.07"

10-Sprinkles began around 6am with lite rain after noon along with occ(1 fog. Had .43" by 5pm. Rain generally ended by 8pm with .14" more or .57" storm total. High of 51 was reached at 7pm. Baro went down to 29.76" at 7pm.

11-Had a few more sprinkles along with fog in early morn hours up to 8am with .01" more or .58" storm total. Office-.46", Pasa-.49", LA-.66", Northridge-.61" with heavy amounts to east and San Diego County with Beaumont-2.65", Big Bear-2.33", Plm Sprs-1.28" with flooding and one drowned, RMRC-.94" Borrego-1.12" and Julian-4.81". Snow was above 6,000' with 6" Big Bear.

12-Baro climbed to 30.22" at 9am.

15-Drizzle and fog began at 7:30pm with .05" by midnite. Heavy rain and high snow levels caused flooding in Central and North Calif. even Donner Pass summit had rain. From 1 to 1 1/2 feet of snow was lost at 5 to 7,000' level.

16-Drizzle and fog conti. all nite and into morn until broke at noon with .11" total. Fog and drizzle began again at 5pm to 7pm with T". LA-.03", office-.11", Northridge-.06", Pasa-.10" and Big Br-.02". Rains in north Calif. stopped with 3" San Fran and nearly 8" Blue Cyn. Baro went up to 30.23" at 10am.

17-NW winds came up at 4pm hitting 31 mph at 4:30pm and 39 mph at 10:10pm. H 62 mph at Sandberg. at 9pm.

Clear days-6 Cloudy days-4 Partly Cloudy days-18
Rainfall averaged 3" below normal. Temps averaged 1° above. Was calmest
Feb. on station's records.
Days of fog-4 Days of NE winds-4

Rainfall averaged 3" below normal. Temps averaged 1° above. Was calmest Feb. on station's records.

Days of fog-4 Days of NE winds-4

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

MARCH-1982

DATE	precip	LOW	HIGH	MAX. WIND-TIME	MILES (TIME)	-AV.	
Mar. 1	.14"	+53	+56	SE-18 1:15p	20 8pm	0.83	
" 2	.13"	+48	+56	NW-27 5:10p	38 "	1.58	
" 3		+43	+65	SW-25 1:10p	71 "	2.96	
" 4		+42	+67	SW-24 2:45p	66 "	2.75	
" 5		+45	+67	NE-41 11:45a			
" 6		+49	+71	SW-22 1:10p			
" 7	T	+50	+69	SW-20 11:45a	170 "	2.36	MARCH
" 8		+54	+70	SW-23 2:10p	83 "	3.46	Low-37
" 9	T	+50	+73	SW-15 2pm	58 "	2.42	"high"low-57
" 10	T	+57	+71	SW-22 4:20p	29 "	1.21	High-73
" 11	.49"	+54(5pm)	+60(11a)	SW-22 9:40p	20 6pm	0.91	"low"high-45
" 12	.80"	+51	+66	SW-18 4pm	61 5pm	2.65	Low Aver.-46.7
" 13		+49	+61	SE-29 8:15p	81 6pm	3.24	High Aver.-61.7
" 14	.92"	+47(2pm)	+51	SW-44 11:40a	213 8pm	8.19	Average-54.2
" 15	T	+47	+57	SW-31 3:05p	93 "	3.88	70- 7 days
" 16	.82"	+41(1pm)	+45	SE-38 11:30p	98 "	4.08	60-13 days
" 17	.68"	+45	+49	SE-54 9:55a	170 "	7.08	50-16 days
" 18	.157"	+40	+50	NE-37 3:45p	64 "	2.67	40-24 days
" 19		+37	+59	SW-23 2:25p	70 "	2.92	30- 2 days
" 20		+41	+65	NE-22 8:45p	55 "	2.29	Temp.difference;
" 21		+46	+67	SW-22 1:45p	102 "	4.25	High-25 degrees(2)
" 22		+49	+72	S"-22 11:20a	60 "	2.50	Low-3 degrees.
" 23		+48	+73	SW-23 1:30p	62 "	2.58	Av.-14.9 degrees.
" 24		+49	+71	SW-19 11:45a	52 "	2.17	Av.max.wind-SW-26m
" 25	.05"	+50	+60	SW-30 9:45p	23 7pm	1.00	Max.wind-SE-54 mph
" 26	.24"	+47	+54	SW-13 3:50a	22 5pm	1.00	Min.wind-SW-13 mph
" 27		+49	+64	SW-20 4:15p	46 8pm	1.70	Total wind-2,068mi.
" 28	.16"	+47	+54	SW-32 2:05p	80 "	3.33	Av.wind speed-2.87
" 29	.05"	+40	+49	SW-34 1:25p	86 "	3.58	
" 30		+39	+60	SW-23 2:05p	85 "	3.54	
" 31	.05"	+42	+60	SW-26 10:50a			
	7.10"						

- 1-First measureable rain in nearly 2 weeks began just before 2pm with .14" by 5pm as ended. High of 56° was coolest since Feb.10.
- 2-At 4:30am lite rain to occ'l drizzle began until cleared some after 11am with .13" more falling or .27" storm total. Office-.22", LA-.25", Pasa-.27", Northridge-.26", LAX-.41", Big Br-.18", Mt. Wilson-.87", Lancaster-.11" and 0 in deserts. Big Bear had 1" of snow but Sierras had up to 2 feet. *La Cruz-.2*
- 4-Low of 42° was coldest morn since Jan.29.
- 5-NE winds came up after sunrise but became steady and increased after 10:30a hitting 41 mph by 11:45am. Decreased slowly and ended at 11:30pm.
- 7-Weak front prod. occ'l sprinkles from 5:30-10pm with T". Big Bear and Northridge had T" too.
- 9-Ac. prod. occ'l sprinkles from 5:15-6pm of T".
- 10-Ac. prod. occ'l showers from 4-4:30pm of T".
- 11-At 10:45am lite rain began with .49" by 5pm. After a lull, rain, mod. at times, fell from 6:30-8:15pm, then slowly let up, ending mostly by 10pm except for occ'l drizzle. SW winds came up too, hitting 22 mph at 9:40pm.
- 12-Had a few more showers from 2:45-3:45am then skies broke. Had .77" since 5pm or 1.26" storm total, then a brief shower of .03" at 12:45pm for storm total of 1.29". To east and south showers continued into late evening. Office-.77", LA-.18", Lg Bch-.04", Pasa-.67", Northridge-.36", Mt. Wilson-2.30", Big Bear-.78", Plm Sprs-.24", Thermal-.91", Borrego-.87" & Mt. Laguna-2.69" *La Cruz-1.36"*

- 14-At 1am occ'l lite rain began from upper trough with showery periods. Had a brief heavy shower at 12:15pm then at 12:53pm and lite thunderstorm began with closest lightning at 1 1/2 mile at 1:04pm and ending by 1:23pm. During this a heavy shower hit from 1:05 to 1:15pm of .26" in 15 minutes. Showers ended and slowly cleared after 3pm with .87" storm total. In morn snow level was at 7,000' but as storm ended, it stuck down to 5,300' with 4" Big Bear and the Tram. Aircraft reported severe turbulence and icing. Gusty SW winds blew all nite and morn increasing to 44 mph at 11:40am. Shifted to NE at 1:15pm to 27 mph then died down by 3pm. LAX had a 40 mph gust from SW at 12:24pm. Baro fell all day to 29.61" at 7pm. Began to sprinkle to lite rain after 9pm until 9:45pm with .05" more or .92" storm total. Office-.65", LA-.44", Pasa-1.00", Northridge-.71", Lanc-.29", Thermal-.04" Big Bear-.91", Mt. Wilson-2.95", San Deigo-1.23" and Palomar-2.80". *La Cima-1.01"*
- 15-Had sprinkles in early morn until 8am of T".
- 16-Had lite showers from midnite to 1am and a brief one at 3:45am of .05" by 7am. After 8am began to sprinkle occ'lly from a new storm with rain, mod at times, after 10am until 12:30pm as front passed over dropping temp to day's low at 1pm of 41° along with SW winds to 32 mph at 11:05am. Had more showers from 2pm to 3:15pm for storm total of .82" as clouds broke. Snow fell down on Lukens to 3,500' with Ridge Route closed by snow. Had a brief thunderstorm at 2:15pm. High of only 45° was a March record and was coolest since Feb., 1979. Sprinkles began again at 8pm and SE to SW winds came up hitting 38 mph at 11:30pm.
- 17-Had a brief mod thunderstorm just before 1am then fairly steady lite rain fell rest of nite with .58" by 7am since 5pm or 1.40" storm total so far. At noon brief heavy rain occurred until 12:20pm. Was much heavier in Glendale downtown. Lite rain conti. rest of day with .93" during day since 7am of 1.51" by 5pm or 2.33" storm total. Gusty SE winds came up after 5am increasing to 54 mph at 9:55am then shifting to SW and slowly decreased by 2pm. Snow continued in mtns with Ridge Route closed briefly again and MT. Wilson had 16" by 10am along with 12" Big Bear and 6" Tram and Lebec had 16" Had more rain from 8:30 to 10:15pm then became mostly drizzle. Baro fell to 19.64" at 1:30pm. *Crystal Lake had 4.00" today & Lake Arrowhead had state month high of 7.88"*
- 18-From 3:15 to 4am had a lite thunderstorm along with NW winds of 25 mph at 3:30am. Clouds broke after sunrise with .53" during nite. Snow was on mtns down to 2,900' and Beaumont reported 1" on ground. Had a few lite showers in morn along with some sun, then at 3:15pm a thunderstorm began just NW with lite rain until 4pm as thunderstorm ended. Heavy hail hit La Crescent area but none here as skies broke again and NE winds hit 37 mph at 3:45pm. Had .11" during day or .64" total since 5pm yesterday for 2.97" storm total. Heavy snow closed most mtn roads with Big Bear reporting 1" per hour from 4pm yesterday to 4pm today for 38" on ground. Mt. Wilson had 19" so far. Office-2.98", LA-1.52", Northridge-2.79", Avalon-1.48", Beaumont-4.22", Mt. Wilson-6.65", Big Bear-3.70", Lancaster-1.44", Plm Sprs-.17", RMRC-.12", San Deigo-2.47", Julian-3.88" and Borrego-.44". For last 7 days storm total have been; Avalon-2.07", LA-2.59", office-4.40", Gregg-5.15", Beaumont-5.42", Mt. Wilson-11.90", Big Bear-5.29", Lancaster-1.96", Plm Sprs-.41" RMRC-.35", San Deigo-3.84", Mt. Laguna-7.32" and Borrego-1.40".
- 19-Low of 37° tied the March record for station and latest 30° reading in Spring. Was coldest temp since Jan.22. Was 40° LA, 39° Burnk, 38° Pasa., 20° Mt. Wils. and 10° Big Bear.
- 20-Went down to 3° Big Bear.
- 25-Lite rain began at 3pm from approaching low with .02" by 5pm. At 9:20pm gusty SW winds to 30 mph at 9:45pm came up until 10:15pm.
- 26-Turn to drizzle in early morn with .25" by 7am and .04" more by 1:30pm and ending by 2pm. Was warm in mtns with snow above about 7,000' with 2" Big Bear and 4" Tram. Office-.29", LA-.23", Beaumont-.51", Northridge-.26", Mt. Wilson-.52", Big Bear-.39", Plm Spr-.T", RMRC-0, Julian-1.40" and 1.30" Palomar.
- 28-Lite rain began at 3:30pm from approaching front with wind shift at 3:45pm and brief mod rain from 4:40-4:55pm as skies broke and rain ended with .26" Snow stuck down to 5,000' with 4" Big Bear. Office-.09"
- 29-Clouds increased during morn with few brief showers from heavy cu. at 11am

and 1:45pm then lite rain, brief mod at times, began at 3:30pm with .23" by 5pm. At 5:30 pm mod rain and gusty SW winds to 34 mph began, becoming briefly heavy at 8pm and ending at 8:05pm with a shower until clouds broke at 8:30pm with .82" more since 5pm or 1.05" day's total. Had .76" from 5:45-8:05pm or 2 hr, 20 min. Snow fell down to 5,000' incl. top of Lukens with 4" Mt. Wilson, 8" Big Bear and 2" Tram. Heavy snow has hit Sierras down to low elevations in last 4 days with 50" Mammoth for 13½ feet on ground and Donner Pass 58" new for 11 feet. This station was wettest spot apparently with .78" at office and .26" LA. In last 2 days totals have ranged from 1.31" here, .26" LA, .99" Pasadena, 1.36" Mt. Wilson, 1.29" Big Bear, .01" Lancaster and 0 Plm Sprs, ~~La Ores~~ 1.38"

30-Low of 39° was latest below 40° temp for station.

31-Heavy rains and snows conti. in central and northern Calif. In last 6 dys some areas have reported 10 feet of new snow. Mammoth Inn to noon received 80", Echo Smt-56", Soda Sprs-77", Carson Pass-58", Tahoe City-25", Fish Cp-37" and Donner Lake-69". At 3:45pm two avalanches hit the nearly deserted Alpine Meadows Ski Lodge killing 7 persons (one was found alive 3 days later). Local mtns are buried in snow too with 5 feet Waterman, 5½ ft. Snow Smt, 8½ ft Snow Vly and 9 ft. Baldy. This new storm brought occ'l lite rain here after 10:45pm with .05" by midnite.

Clear days-3 Cloudy days-7 Partly Cloudy days-21

Was coldest av. temp for March at 2½° below average. Rainfall was 3½" above normal with wettest month since Feb., 1980.

Was the cloudiest March too.

Days of thunderstorms-4 Days of fog-1 Days of NE winds-3

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

APRIL-1982

DATE	PRECIP	LOW	HIGH	MAX. WIND-TIME	MILES (TIME)	-AV.
Apr. 1	2.03"	+44	+49 (5am)	SE-45 4:05a	283	8pm 3.93
" 2		+36	+61	SW-26 2:15p	66	7pm 2.87
" 3	T"	+43	+63	SW-25 11:35a	84	8pm 3.36
" 4	SUNSET 4:48p	+47	+64	SW-29 3pm	65	" 2.71
" 5		+47	+62	SW-24 2:05p	96	" 4.00
" 6		+47	+58	SW-28 2:10p	94	" 3.92
" 7		+39	+63	SW-28 2:45p	26	5pm 1.24
" 8		+43	+62	SW-21 2:10p		
" 9		+50	+67	SW-21 2:15p		
" 10		+56	+70	SW-20 12:30p		
" 11	.96"	+55 (3pm)	+59 (9am)	SW-37 9:30a	134	8pm 1.79
" 12		+49	+64	SW-25 1:10p	89	" 3.71
" 13		+46	+65	SW-26 1:30p	86	" 3.58
" 14		+45	+62	SW-19 2:30p	58	" 2.42
" 15		+48	+66	SW-30 noon	101	" 4.21
" 16		+48	+65	SW-24 12:55p	80	" 3.03
" 17	SUNSET 4:53p	+48	+69	SW-26 1:15p	83	" 3.46
" 18		+49	+77	SW-17 noon	58	" 2.42
" 19		+56	+83	SW-18 1:15p	59	" 2.46
" 20		+58	+85	NE-55 9:40p	82	" 3.42
" 21		+62	+79	NE-68 7:15a	308	6:4p 13.69
" 22		+56	+81	SW-31 12:05p	172	8pm 6.75
" 23		+57	+78	SW-26 12:05p		
" 24		+54	+74	SW-25 12:05p		
" 25		+51	+70	SW-20 1:40p	254	8pm 3.53
" 26	SUNRISE 6:34a	+49	+71	SW-24 4:40p	70	" 2.92
" 27	" 6:30a	+50	+74	SW-21 --	74	" 3.08
" 28		+53	+71	SW-24 4:45p	95	" 3.96
" 29	T"	+54	+71	SW-20 5:30p	74	" 3.08
" 30	2.99"	+56	+71	SW-21 4:55p	63	" 2.63

APRIL	DATE
Low-36	2
"high" low-62	21
High-85	20
"low" high-49	1
Low Aver.-49.9	
High Aver.-68.4	
Average-59.15	
80- 3 days	
70-11 days	
60-13 days	
50-15 days	
40-15 days	
30- 2 days	
Temp. difference;	
High-28 degrees.	
Low-4 degrees.	
Av.-18.6 degrees.	
Av. max. wind-SW-28	
Max. wind-NE-68 mph	
Min. wind-SW-17 mph	
Total wind-2,371m.	
Av. wind speed-3.5	

- 1-Rain increased after 1am becoming mod. to brief heavy from 3:30-4am and ending at 8:15am with occ'l showers until 1:45pm with 2.08" storm total (2.03 this month). This one storm made this the wettest April since 1978 and 1/2 above normal. Had gusty SE winds in early morning hitting 45 mph at 4:05am and 44 mph at 5:25am followed by a wind shift at 5:45am to the NW and gust to 28 mph at 7:20am. Temp hit high for the day of 49° at 5am, lowest April max. for station. Low of 44° occurred at 11am with a 40°. Snow fell down to 4,000' with snow on the ground in desert from Barstow to Cal/Nev. state li and 18" Big Bear. Sierras in last 24 hours were buried again with Bear V1 28", Tahoe City-32", Echo Smt-29" with 10 ft 7 in. on ground, Soda Sprs-17 with 13 1/2 ft on ground and Mammoth Inn-36" with 18 ft on ground. Rainfall totals: office-1.43", LA-.84", Northridge-.98", Mt. Wilson-3.97", Big Br-1. Beaumont-1.43", Plm Sprs-.15", Lanc-.73". RMRC head .20" with temp fallin from 69° at 9am to 50° at noon in rain. Baro fell to 29.76" at 6am. *Baro 29.76" at 6am*
- 2-Low of 36° was coldest Ap. reading for station beating old record by 4 set in 1978. Was also the latest 30° reading for station. Went down to 37° Pasa 40° LA, 40° Plm Sprs and 7° Big Bear.
- 3-Had a brief drizzle from 11pm to midnite of T".
- 6-Dry front went over in afternoon with showers down to Bksfield and Lancaster. Had heavy cu. clouds here and wind shift to NW at 7pm with clearing.
- 7-Low of 39° was latest 30° temp for station. Was 40° Pasa and 14° Big Bear. *Baro 29.76" at 6am*
- 10-High of only 70° was warmest in 17 days. Lite showers fell from 1 to 5pm .06". LA-.05", Big Br-.03", Lanc-.10", Mt Wilson-.12", RMRC-T" *Baro 29.76" at 6am*

- 11-After a brief shower at 9:30am along with increasing SW winds after 7:45am, rain began, mod. at times, after 11am along with SW wind to 31 mph at 11:20. Had occ'l thunder too. Lite rain conti. with brief mod. showers at 12:45p, 1:20p and 2:15pm as added at 3pm and skies broke with .96" storm total. Observer left RMRC at 2:30pm in 92°, windy weather with temp at 62° at Beaum and 55° in cloudburst in Yucaipa at 3:30pm, quite a contrast. Baro was extremely unsteady from 9am to 2pm, raising and falling .08" in 20 min. ~~Baro was extremely unsteady from 9am to 2pm, raising and falling~~ Flooding hit central Calif. including Yosemite Valley. Office had .84" in last 2 days with LA-.50", P.sa-.69", Northridge-.96", Beau-.14", Mt. Wilson-1.21" Big Bear-.44", Lanc-.45", and Plm Sprs-.T". Snow level was high. *Burbk-.86"*
- 18-High of 77° was warmest since Feb.21.
- 19-High of 83° was warmest since Feb.20.
- 20-High of 85° was warmest since Nov.2. Low of a warm 58° was warmest since Feb.18. At 4pm mod. Santa Ana wind came up hitting 55 mph at 9:40pm.
- 21-Strong Santa Ana blew all night hitting 55mph or more 5 times from midnite to 6:45am as it increased after 7am to 68 mph at 7:15am then let up slight after 7:45am but conti to 51 mph in late morn then increased again to 61mph at 1:30pm then died down after 2pm with windshift to NW from 4:15-6pm then back to NE up to 26mph and ended at 9pm. Was second strongest April wind for station and highest wind since Jan. Av. wind speed of 13.69 mph was highest ever for April and since Nov., 1980. Eureka, Ca. hit 79° today, tying all-time Apr. record. Was 81° Plm Sprs, but 91° San Juan Cap and 79° her and Burbank. Low of 62° was warmest morn since Nov.3.
- 22-Santa Ana came up again at 1:40am hitting 28 mph at 5:05am then ending just after 7am.
- 28-Lite fog in morn along with T" drizzle until 9am.
- 29-Had a lite drizzle in mid-morn of T".

Clear days-7 Cloudy days-2 Partly Cloudy days-21
 Rainfall was nearly twice normal. Temps av. just below normal.
 Days of thunderstorms-1 Days of fog-1 Days of NE winds-2

GREGG WEATHER STATION NO.V.

HIGH AND LOW FOR DAY

MAY-1982

DATE	precip	LOW	HIGH	MAX.WIND-TIME	MILES(TIME)-AV.		
May 1		+57	+72	SW-25 3:40p	97	8pm	4.04
" 2		+51	+71	SW-26 4:45p	100	"	4.17
" 3		+54	+71	SW-26 3:15p	102	#	4.25
" 4	.15"	+53	+64	SW-16 1:30p	29	6pm	1.32
" 5		+56	+61	SW-16 5:45p	53	8pm	2.04
" 6		+56	+77	SW-15 3:30p	49	"	2.04
" 7		+52	+70	SW-18 5:10p			
" 8		+53	+57	SW-26 noon			
" 9	T"	+50	+55	SW-30 5:30p	369	9pm	5.06
" 10		+47	+62	SW-25 2:05p	75	8pm	3.13
" 11	.06"	+45	+61	SW-23 4:30p	87	"	3.63
" 12		+47	+69	SW-24 3:35p	115	"	4.79
" 13		+49	+73	SW-21 12:30p	70	"	2.92
" 14		+49	+71	SW-19 3:10p	51	"	2.13
" 15		+50	+73	SW-18 1:10p	77	6pm	3.50
" 16		+57	+83	SW-20 3:40p	57	8pm	2.19
" 17	sunset-bury	+62	+85	SW-22 3:45p	75	"	3.13
" 18		+56	+72	SW-24 4:15p	93	"	3.88
" 19		+55	+72	SW-20 3:20p	108	"	4.50
" 20	sunset-bury	+53	+75	SW-22 3:50p	119	"	4.96
" 21		+57	+68	SW-21 5:50p	95	9pm	3.80
" 22		+57	+70	SW-21 5:40p	67	8pm	2.91
" 23		+55	+77	SW-10 2:35p	30	"	1.25
" 24		+55	+73	SW-16 3:15p	70	"	2.92
" 25		+59	+71	SW-12 12:45p	63	"	2.63
" 26	T"	+56	+57	SW-16 3:05p	49	"	2.04
" 27	.02"	+55	+57	SW-15 1:30p	32	"	1.33
" 28	.01"	+55	+63	SW-19 6:05p			
" 29		+51	+61	SW-19 12:15p	97	4pm	2.21
" 30		+51	+71	SW-23 12:45p	104	8pm	3.71
" 31	.024"	+49	+67	SW-22 5:15p	107	"	4.46

MAY	DATE
Low-45	1
"high"low-62	1
High-85	1
"low"high-55	
Low Aver.-53.3	
High Aver.-68.7	
Average-61.0	
80- 2 days	
70-16 days	
60-10 days	
50-28 days	
40- 6 days	
Temp.difference;	
High-26 degrees.	
Low-1 degree.	
Av.-15.4 degrees.	
Av.max.wind-SW-24mi	
Max.wind-SW-30 mph	
Min.wind-SW-10 mph	
Total wind-2,452mi.	
Av.wind speed-3.80	

- 2-Showers hit deserts from upper level low with .T" Death Valley & Needles.
- 4-Upper low off Baja produced lite rain here from noon to 3pm of .15". Thunderstorms hit deserts with .12" Plm Sprs, .11" Coachella, .82" Big Bear, .95" Beaumont, .34" Mt. Wilson, .40" Riverside, .10" LA, .12" office and .10" RM.
- 8-Upper low off NW coast produced showers here of .07" in morn hours until noon. Office-.01", Pasa-.04", Northridge-.03".
- 9-High of only 55° was coldest high for station for May. Cold was everywhere with 79° Plm Sprs and 38° Mt. Wilson. Snow fell in Sierras with Tahoe report 1/2 mile visi. in afternoon with snow. Had drizzle in morn of T".
- 10-Low of 47° was coolest May temp in 2 years. Went down to 30° at Mt. Wilson & 27° Big Bear. Highs hit only 40° at Mt. Wilson, 79° Plm Sprs and 77° Needles.
- 11-Cb developed over mtns in late morn with thunderstorm and lite showers after 1pm then increasing after 4pm with more thunderstorms and brief mod shower with .06" by 5pm. At 5:17pm had a brief, very lite hail. Closest lightning was 1 mile north at 5:13pm. Thunder ended at 5:24pm and moved SE. Showers cont'd until 5:40pm with .13" more or .19" storm total. Was first hail for station in May. Low of 45° was coldest in 2 yrs. Was 23° at Big Bear, tying nation low spot. 1" of snow fell also. Mt. Wilson reported snow falling at 5pm. Thunderstorms were numerous to east with Thermal, Mt. Wilson, Pomona, Imperial, Beaumont and Riverside all reporting one at 5pm. Office-.06", LA-.02", Big Bear-.11", Northridge-.04", Monrovia-.26",

and RMRC-02" with temp falling from 78° to 54° in 1 hour around 1pm. ¹⁰⁻¹
17-Low of 62° was warmest morn since Ap.21. High of 85° was warmest day since ^{Iron Mtn - 4C}
Ap.20.

23-Max. wind of only 10 mph was calmest since Jan. 181

24-Lite fog in morn. Was very warm in north and central Calif. with 91° at San Fran airport, 96° San Jose, 90° Arcata, 78° Ft. Bragg and 107° Bksfield.

26-Fog in morn with visi. at 400 feet along with T" drizzle by 7am and conti off and on all day with .02" by 5pm. Office-T". ^{at 4,500} Tops were at about 4,500 with Mt. Wilson reporting 80 mile visibility and 78" high. Thunderstorms hit deserts including Lucerne Valley area.

27-Drizzle occurred off and on all nite with .01" more by 7am and confi. all day too with occ'l lite fog with .01" more by 5pm. or .02" since 5pm yester

28-Had .01" more dirzzle during nite but none after daylite.

Clear days-1 Cloudy days-3 Partly Cloudy days-27
Rainfall was average. Temps averaged 1° below normal.

Days of thunderstorms-1 Days of hail-1 Days of fog-3