

...MAY 2012 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

MAY 2012 WAS A DRY MONTH WITH NEAR NORMAL TEMPERATURES. THE MONTH LACKED SIGNIFICANT WEATHER EVENTS EXCEPT FOR ISOLATED THUNDERSTORMS ON FRIDAY THE 25TH.

THE FIRST FOUR DAYS OF MAY WERE COOL. A WEAK UPPER LEVEL TROUGH PASSED ACROSS NORTHERN CALIFORNIA ON THE 3RD AND 4TH...DROPPING LIGHT RAIN ON MUCH OF THE REGION. THIS WAS THE ONLY WIDESPREAD RAIN EVENT DURING MAY. WARMER WEATHER DEVELOPED ON THE 5TH AND TEMPERATURES THEN REMAINED ABOVE NORMAL THROUGH THE 12TH. COOL WEATHER DOMINATED THE FIVE DAYS AROUND THE MIDDLE OF THE MONTH. THERE WAS A BRIEF WARM-UP ON THE 19TH AND 20TH...BUT THEN A PROLONGED COOL PERIOD BEGAN ON THE 21ST AND PERSISTED UNTIL NEARLY THE END OF MAY. TEMPERATURES ROSE BACK ABOVE NORMAL ON THE FINAL DAY OF THE MONTH. FOR THE MONTH AS A WHOLE...TEMPERATURES WERE GENERALLY WITHIN A FEW DEGREES OF NORMAL AT NEARLY ALL CLIMATE STATIONS. THE SAN FRANCISCO BAY AREA SAW A MIX OF SLIGHTLY ABOVE NORMAL AND SLIGHTLY BELOW NORMAL AVERAGE TEMPERATURES. AVERAGE TEMPERATURES ACROSS THE MONTEREY BAY AREA WERE MOSTLY A BIT BELOW NORMAL. EXTREMES IN TEMPERATURE WERE RARE IN MAY AND NO DAILY TEMPERATURE RECORDS WERE SET OR TIED DURING THE MONTH.

AN UNSEASONABLY COOL UPPER LOW THAT ORIGINATED ALONG THE COAST OF BRITISH COLUMBIA DROPPED SOUTH INTO CALIFORNIA ON FRIDAY MAY 25. THIS WEATHER SYSTEM LACKED SIGNIFICANT MOISTURE AND PRODUCED ONLY WIDELY SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS...MAINLY ACROSS INLAND PORTIONS OF THE REGION. A BRIEF THUNDERSTORM DEVELOPED NEAR SAN PABLO BAY AROUND 4 PM THAT AFTERNOON. A MORE INTENSE THUNDERSTORM DEVELOPED IN SOUTHEASTERN SANTA CLARA COUNTY NEAR PACHECO PASS LATER THAT AFTERNOON. THIS SECOND THUNDERSTORM DRIFTED SOUTH...SKIRTING THE NORTHERN AND EASTERN PORTIONS OF HOLLISTER WHERE THERE WERE REPORTS OF FREQUENT LIGHTNING...SMALL HAIL AND HEAVY RAIN.

A LACK OF SIGNIFICANT WIDESPREAD RAINFALL DURING MAY MEANT MONTHLY RAIN TOTALS WERE WELL BELOW NORMAL AT NEARLY ALL CLIMATE STATIONS. AT MOST LOCATIONS MAY RAINFALL TOTALED LESS THAN A TENTH OF AN INCH...AND SEVERAL CLIMATE STATIONS PICKED UP NO MEASURABLE RAIN AT ALL DURING THE MONTH. THE WETTEST LOCATIONS IN THE NORTH BAY ONLY MANAGED TO REACH HALF THEIR NORMAL MAY PRECIPITATION.

BY MAY 31ST...YEAR-TO-DATE RAINFALL TOTALS (FOR THE JULY 1-JUNE 30 RAIN YEAR) WERE MOSTLY AROUND TWO-THIRDS OF NORMAL...BUT RANGED FROM A LOW OF JUST UNDER 50 PERCENT OF NORMAL AT SAN JOSE TO A HIGH OF 80 PERCENT OF NORMAL AT THE SALINAS AIRPORT.

...MAY REGIONAL TEMPERATURE SUMMARY...

DEPARTURE

DEPARTURE

LOCATION	AVG HIGH	NORMAL HIGH	FROM NORMAL	AVG LOW	NORMAL LOW	FROM NORMAL
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# NORTH BAY...

ANGWIN	75.3	73.8	1.5	47.6	47.2	0.4
CALISTOGA	80.6	78.7	1.9	43.9	46.3	-2.4
CLOVERDALE	80.8	80.3	0.5	48.2	50.2	-2.0
HEALDSBURG	79.0	79.7	-0.7	48.6	50.0	-1.4
KENTFIELD	73.0	73.5	-0.5	48.4	49.0	-0.6
NAPA AIRPORT	74.2	72.6	1.6	45.5	45.5	0.0
SAN RAFAEL	73.4	70.7	2.7	49.3	50.1	-0.8
SANTA ROSA	75.3	74.5	0.8	46.5	48.3	-1.8
SONOMA COUNTY AP	77.9	74.5	3.4	46.4	46.4	0.0
SONOMA	75.8	75.9	-0.1	48.7	47.1	1.6

# SAN FRANCISCO PENINSULA...

HALF MOON BAY	61.6	61.1	0.5	46.0	46.8	-0.8
PALO ALTO	75.0	74.3	0.7	48.2	48.7	-0.5
REDWOOD CITY	74.2	73.6	0.6	49.4	50.0	-0.6
SAN FRANCISCO AIRPORT	66.6	67.6	-1.0	50.2	51.6	-1.4
SAN FRANCISCO DOWNTOWN	63.8	64.3	-0.5	50.0	51.0	-1.0

# EAST BAY...

CONCORD AIRPORT	78.2	76.3	1.9	51.1	51.7	-0.6
HAYWARD AIRPORT	69.2	68.5	0.7	51.3	52.6	-1.3
LIVERMORE AP	78.0	75.3	2.7	49.4	49.4	0.0
MARTINEZ	80.5	78.8	1.7	M	46.4	M
MOUNT DIABLO JUNCTION	70.5	70.5	0.0	49.8	48.9	0.9
NEWARK	70.6	70.8	-0.2	51.9	53.2	-1.3
OAKLAND	69.2	68.7	0.5	51.7	52.7	-1.0
OAKLAND AIRPORT	67.1	67.7	-0.6	50.1	51.1	-1.0

# SOUTH BAY AND SANTA CRUZ COUNTY...

GILROY	79.8	78.7	1.1	49.3	49.3	0.0
MOFFETT FIELD	72.2	72.2	0.0	51.9	53.2	-1.3
MOUNT HAMILTON	64.4	62.6	1.8	48.8	47.6	1.2
SAN JOSE	74.8	74.3	0.5	52.0	52.4	-0.4
SANTA CRUZ	72.5	71.9	0.6	46.7	48.9	-2.2
WATSONVILLE	69.1	69.2	-0.1	48.3	48.9	-0.6
WATSONVILLE AP	71.4	70.0	1.4	49.3	47.6	1.7

# MONTEREY AND SAN BENITO COUNTIES...

CARMEL VALLEY	71.4	72.7	-1.3	43.3	46.1	-2.8
HOLLISTER	74.8	74.5	0.3	46.9	47.7	-0.8
KING CITY	78.2	79.2	-1.0	46.1	47.1	-1.0
MONTEREY	61.5	63.0	-1.5	47.1	48.1	-1.0

MONTEREY AIRPORT	63.1	63.5	-0.4	49.1	49.9	-0.8
SALINAS	67.6	68.1	-0.5	46.8	48.2	-1.4
SALINAS AIRPORT	68.2	68.4	-0.2	49.9	50.3	-0.4

...MAY REGIONAL PRECIPITATION SUMMARY...

LOCATION	MAY TOTAL	NORMAL MAY PRECIP	PERCENT OF NORMAL
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NORTH BAY...

ANGWIN	0.31	1.53	20
CALISTOGA	0.03	1.40	2
CLOVERDALE	0.22	1.44	15
FORT ROSS	0.85	1.50	57
HEALDSBURG	0.13	1.56	8
KENTFIELD	0.21	1.48	14
NAPA	0.00	1.03	0
NAPA AIRPORT	0.03	0.82	4
OCCIDENTAL	1.18	2.15	55
PETALUMA AIRPORT	0.01	0.87	1
SAINT HELENA	0.25	1.30	19
SAN RAFAEL	0.00	0.89	0
SANTA ROSA	0.08	1.28	6
SONOMA COUNTY AP	0.13	1.33	10
SONOMA	0.15	1.06	14

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.15	0.98	15
PALO ALTO	0.01	0.48	2
REDWOOD CITY	0.02	0.47	4
SAN FRANCISCO AIRPORT	0.00	0.47	0
SAN FRANCISCO DOWNTOWN	0.02	0.70	3
WOODSIDE	0.02	0.76	3

EAST BAY...

CONCORD	0.03	0.58	5
CONCORD AIRPORT	0.00	0.54	0
FREMONT	0.01	0.49	2
HAYWARD AIRPORT	0.01	0.55	2
LIVERMORE	0.02	0.48	4
LIVERMORE AIRPORT	0.04	0.62	6
MARTINEZ	0.00	0.60	0
MOUNT DIABLO JUNCTION	0.07	1.06	7
NEWARK	0.00	0.48	0
OAKLAND	0.02	0.77	3

OAKLAND AIRPORT	0.01	0.68	1
RICHMOND	0.03	0.75	4

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	0.01	1.23	1
GILROY	0.00	0.49	0
MOFFETT FIELD	0.00	0.47	0
MOUNT HAMILTON	0.15	1.11	14
SAN JOSE	0.00	0.51	0
SANTA CRUZ	0.06	0.84	7
WATSONVILLE	0.01	0.60	2
WATSONVILLE AP	0.04	0.63	6

MONTEREY AND SAN BENITO COUNTIES...

CARMEL VALLEY	0.15	0.51	29
HOLLISTER	0.03	0.40	8
KING CITY	0.00	0.31	0
MONTEREY	0.25	0.56	45
MONTEREY AIRPORT	0.14	0.50	28
PINNACLES NATL MON	0.05	0.52	10
SALINAS	0.12	0.45	27
SALINAS AIRPORT	0.07	0.35	20

...DAILY TEMPERATURE RECORDS FOR MAY 2012...

NO DAILY TEMPERATURE RECORDS WERE SET OR TIED IN MAY.

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE....63.8....52ND WARMEST OUT OF 136 YEARS  
 AVERAGE LOW TEMPERATURE.....50.0....36TH COOLEST OUT OF 136 YEARS  
 PRECIPITATION..... 0.02 IN....23RD DRIEST OUT OF 162 YEARS

...MONTHLY EXTREMES FOR SELECT LOCATIONS...

LOCATION	WARMEST DAY(S)	COOLEST DAY(S)	WETTEST DAY(S)
SANTA ROSA AIRPORT	5/31 91 DEG	5/02 40 DEG	5/03 0.13 IN
SAN FRANCISCO	5/07 79 DEG	5/02 47 DEG	5/03 5/04 .01 IN
SAN JOSE	5/11	5/02	3 DAYS

	90 DEG	46 DEG	TRACE
SALINAS AIRPORT	5/07	5/05	5/04
	85 DEG	43 DEG	0.07 IN

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL  
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