

From: [Peter Campbell](#)
To: [Ilynn Guarin](#)
Subject: FW: [EXTERNAL] Fwd: Comment on Rulemaking 1111 and 1121
Date: Tuesday, April 15, 2025 8:44:39 AM
Attachments: [AQMD Public Filing 2025 Rules 1111&2.docx](#)
[2018RoubidouxOzone.xlsx](#)

From: Robert Helbing <bobhelbing@airtro.com>
Sent: Monday, April 14, 2025 11:24 AM
To: Peter Campbell <pcampbell@aqmd.gov>
Subject: [EXTERNAL] Fwd: Comment on Rulemaking 1111 and 1121

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SCAQMD
ATTN: Peter Campbell
pcampbell@aqmd.gov
21865 Copley Dr.
Diamond Bar, CA 91765

SUBJECT: PAR 1111 & PAR 1121
Dear Mr. Campbell:

The purpose of this letter is to comment on Proposed Amended Rules (PAR) 1111 and 1121. The proposed changes to PAR 1111 and PAR 1121 are flawed and cannot provide the air quality improvements promised to the community. The failures are endemic and cannot be improved or remedied, as they come from a basic misconception of how these appliances affect regional air quality. The rules assume that any reduction of the oxides of nitrogen (NOx) these appliances emit will also reduce ozone levels to approach EPA compliance. In fact, there is no science behind that assumption, as AQMD's own documents demonstrate.

This lack of science is reflected in SCAQMD's own presentations. No documents provided for the Working Groups quantify how these rules will improve EPA ozone compliance. Ozone itself is hardly mentioned in the various presentations. No prediction is made about how the rules will reduce ozone parts per billion (ppb) or reduce days out of EPA compliance. All reductions described are given in tons of NOx rather than ozone levels. While NOx can contribute to ozone, it's not a simple relation. For NOx to produce ozone, ultraviolet (UV) light must also be present. In fact, UV can create ozone without NOx by reacting with other chemicals such as volatile organic compounds (VOCs). As a result, ozone levels show a stronger correlation with UV than they do with NOx. Of course, we can't reduce UV; it occurs naturally from sunlight, so NOx controls make sense – provided they focus on controlling NOx on days when high levels of UV are present. However, PAR 1111 and PAR 1121 do exactly the opposite; they focus on NOx production on days when UV levels are low (winter) or nonexistent (night).

At the Public Consultation meeting on March 6, Michael Krause of SCAQMD directed anyone wishing more details on how PAR 1111 and PAR 1121 would reduce ozone

to look at the AQMD Air Quality Management Plan of 2022. Figures 5-2 and 5-3 of the Plan do show how 2018 ozone levels exceed EPA standards. Of note here is the date ranges used for these figures. The date range begins on May 1 and ends on September 30, a range of dates that include the sunniest months and thus those with the highest UV levels. There is no effort made to display ozone levels during cooler weather, presumably because there's no reason to; cooler months are also darker months. They have low UV levels and thus don't see high ozone numbers.

A deep dive into the source data (AQMD hourly ozone measurements in Riverside during 2018) demonstrate the validity of this presumption. There are 889 data points where ozone levels breach the EPA's 60 ppb limit. **None occur during winter. None occur at night.** The average outside temperature of these data points is 89° and the average time of day is 2:25pm. Ozone non-compliance occurs on hot summer afternoons; see the attached data for confirmation.

PAR 1111 regulates gas furnaces. Gas furnaces don't run on hot summer afternoons. They run on cold winter nights, when the air in the district remains 100% in EPA compliance. PAR 1121 regulates water heaters, which are used all year long. Yet the amount of heat required to reach temperature setpoint for water heaters negatively correlates with ambient temperature. The bulk of heating (and resultant NOx emissions) occurs when outdoor temperatures are low, so most of their emissions also take place during cold winter nights rather than hot summer afternoons.

In short, gas heating appliances emit most (water heaters) or all (furnaces) of their NOx when air within the district is not breaching EPA ozone standards. Therefore, eliminating or reducing the number of these appliances won't improve ozone compliance. This fact is reflected in SCAQMD data and resulting reports, implying SCAQMD staff is fully aware of this. When confronted with these facts, staff instead point to their need to show the EPA they are taking some sort of action rather than explain how those actions improve air quality. In short, these bans are activity for activity's sake rather than sincere efforts meet EPA ozone standards.

Early Working Group documents in this rulemaking effort made erroneous claims about economic as well as air quality improvements from PAR 1111 and PAR 1121. Those mistakes were fixed, but the corrected data show that for most residents rule compliance will result in substantial economic costs. California surpassed Hawaii last year to become the most expensive electricity market in the nation. Already, one out of five Southern California Edison ratepayers is in arrears on their electric bills. Recent wildfires leave our utilities facing massive insurance claims and demands for more investment in hardening electrical lines, making future rate increases almost certain.

PAR 1111 and PAR 1121 cannot, by their nature, deliver improved ozone compliance because any resulting NOx reductions occur during periods of low or no sunlight and thus low or no ozone formation. Meanwhile, the economic costs already show to be substantial and are likely underestimated as they don't account for predictable sharp rises in electric rates. Rather than amend Rules 1111 and 1121, they should instead be scrapped as their original basis is fundamentally flawed. If you have any questions or wish more background information, feel free to call me at (626) 357-5315 x14 or email me at bobhelbing@airtro.com. I've attached a MS Word letter to this effect as well as an Excel spreadsheet containing hourly ozone levels for the Riverside

Rubidoux station for 2018.

Robert Helbing

President
(626) 357-5315 x14



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April 14, 2025

SCAQMD

ATTN: Peter Campbell

pcampbell@aqmd.gov

21865 Copley Dr.

Diamond Bar, CA 91765

SUBJECT: PAR 1111 & PAR 1121

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At the Public Consultation meeting on March 6, Michael Krause of SCAQMD directed anyone wishing more details on how PAR 1111 and PAR 1121 would reduce ozone to look at the AQMD Air Quality Management Plan of 2022. Figures 5-2 and 5-3 of the Plan do show how 2018 ozone levels exceed EPA standards. Of note here is the date ranges used for these figures. The date range begins on May 1 and ends on September 30, a range of dates that include the sunniest months and thus those with the highest UV levels. There is no effort made to display ozone levels during cooler weather, presumably because there's no reason to; cooler months are also darker months. They have low UV levels and thus don't see high ozone numbers.



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Sincerely,



Robert Helbing
President



2018 Roubidoux Ozone - O3@60+ppb

Date	Time	Site Name	O3 ppb	8 hr Value	High °F	Low °F	Est Hr °F
3/29/2018	2:00:00 PM	Redlands	65	60.7	81.7	46.7	77.8
3/30/2018	12:00:00 PM	Redlands	66	60.9	88.0	49.9	75.3
3/30/2018	1:00:00 PM	Redlands	66	62.8	88.0	49.9	79.5
3/30/2018	2:00:00 PM	Redlands	67	64.1	88.0	49.9	83.8
3/30/2018	3:00:00 PM	Redlands	72	62.6	88.0	49.9	88.0
3/31/2018	10:00:00 AM	Redlands	72	63.1	81.6	49.9	64.0
3/31/2018	11:00:00 AM	Redlands	74	68.6	81.6	49.9	67.5
3/31/2018	12:00:00 PM	Redlands	75	71.2	81.6	49.9	71.0
3/31/2018	1:00:00 PM	Redlands	80	72.0	81.6	49.9	74.6
3/31/2018	2:00:00 PM	Redlands	86	70.4	81.6	49.9	78.1
3/31/2018	3:00:00 PM	Redlands	80	67.4	81.6	49.9	81.6
3/31/2018	4:00:00 PM	Redlands	64	63.9	81.6	49.9	79.5
4/1/2018	12:00:00 PM	Redlands	70	63.8	74.6	51.3	66.8
4/1/2018	1:00:00 PM	Redlands	75	66.6	74.6	51.3	69.4
4/1/2018	2:00:00 PM	Redlands	79	66.9	74.6	51.3	72.0
4/1/2018	3:00:00 PM	Redlands	72	65.3	74.6	51.3	74.6
4/1/2018	4:00:00 PM	Redlands	68	61.9	74.6	51.3	73.0
4/4/2018	1:00:00 PM	Redlands	66	63.3	76.0	49.3	70.1
4/4/2018	2:00:00 PM	Redlands	69	66.1	76.0	49.3	73.0
4/4/2018	3:00:00 PM	Redlands	74	66.2	76.0	49.3	76.0
4/4/2018	4:00:00 PM	Redlands	74	62.6	76.0	49.3	74.2
4/5/2018	12:00:00 PM	Redlands	71	61.1	74.8	51.1	66.9
4/5/2018	1:00:00 PM	Redlands	79	66.6	74.8	51.1	69.5
4/5/2018	2:00:00 PM	Redlands	85	70.7	74.8	51.1	72.2
4/5/2018	3:00:00 PM	Redlands	81	72.3	74.8	51.1	74.8
4/5/2018	4:00:00 PM	Redlands	75	71.2	74.8	51.1	73.2
4/5/2018	5:00:00 PM	Redlands	74	65.8	74.8	51.1	71.6
4/6/2018	1:00:00 PM	Redlands	75	63.7	73.5	52.0	68.7
4/6/2018	2:00:00 PM	Redlands	76	67.0	73.5	52.0	71.1
4/6/2018	3:00:00 PM	Redlands	77	67.3	73.5	52.0	73.5
4/6/2018	4:00:00 PM	Redlands	77	65.1	73.5	52.0	72.1
4/6/2018	5:00:00 PM	Redlands	68	61.0	73.5	52.0	70.6
4/8/2018	3:00:00 PM	Redlands	71	61.2	80.0	57.7	80.0
4/10/2018	10:00:00 AM	Redlands	62	60.8	92.6	56.8	72.7
4/10/2018	11:00:00 AM	Redlands	71	66.4	92.6	56.8	76.7
4/10/2018	12:00:00 PM	Redlands	78	70.4	92.6	56.8	80.7
4/10/2018	1:00:00 PM	Redlands	82	72.0	92.6	56.8	84.6
4/10/2018	2:00:00 PM	Redlands	87	71.2	92.6	56.8	88.6
4/10/2018	3:00:00 PM	Redlands	81	67.8	92.6	56.8	92.6
4/10/2018	4:00:00 PM	Redlands	70	63.4	92.6	56.8	90.2
4/14/2018	12:00:00 PM	Redlands	59	60.4	85.4	48.5	73.1
4/14/2018	1:00:00 PM	Redlands	61	64.0	85.4	48.5	77.2
4/14/2018	2:00:00 PM	Redlands	65	65.2	85.4	48.5	81.3

2018 Roubidoux Ozone - O3@60+ppb

4/14/2018	3:00:00 PM	Redlands	69	64.9	85.4	48.5	85.4
4/14/2018	4:00:00 PM	Redlands	83	62.7	85.4	48.5	82.9
4/14/2018	5:00:00 PM	Redlands	75	60.7	85.4	48.5	80.5
4/15/2018	11:00:00 AM	Redlands	68	60.9	80.3	48.3	66.1
4/15/2018	12:00:00 PM	Redlands	66	62.9	80.3	48.3	69.6
4/15/2018	1:00:00 PM	Redlands	66	63.9	80.3	48.3	73.2
4/15/2018	2:00:00 PM	Redlands	66	62.3	80.3	48.3	76.7
4/15/2018	3:00:00 PM	Redlands	63	60.1	80.3	48.3	80.3
4/18/2018	11:00:00 AM	Redlands	67	63.1	75.3	44.0	61.4
4/18/2018	12:00:00 PM	Redlands	68	65.2	75.3	44.0	64.9
4/18/2018	1:00:00 PM	Redlands	67	65.8	75.3	44.0	68.3
4/18/2018	2:00:00 PM	Redlands	70	65.8	75.3	44.0	71.8
4/18/2018	3:00:00 PM	Redlands	71	64.9	75.3	44.0	75.3
4/18/2018	4:00:00 PM	Redlands	68	62.1	75.3	44.0	73.2
4/21/2018	12:00:00 PM	Redlands	62	63.1	88.3	47.4	74.7
4/21/2018	1:00:00 PM	Redlands	64	64.9	88.3	47.4	79.2
4/21/2018	2:00:00 PM	Redlands	67	66.0	88.3	47.4	83.8
4/21/2018	3:00:00 PM	Redlands	77	64.8	88.3	47.4	88.3
4/21/2018	4:00:00 PM	Redlands	80	62.7	88.3	47.4	85.6
4/21/2018	5:00:00 PM	Redlands	64	60.2	88.3	47.4	82.8
4/22/2018	10:00:00 AM	Redlands	66	63.8	87.8	52.4	68.1
4/22/2018	11:00:00 AM	Redlands	70	68.4	87.8	52.4	72.1
4/22/2018	12:00:00 PM	Redlands	75	71.9	87.8	52.4	76.0
4/22/2018	1:00:00 PM	Redlands	84	74.8	87.8	52.4	79.9
4/22/2018	2:00:00 PM	Redlands	81	75.3	87.8	52.4	83.9
4/22/2018	3:00:00 PM	Redlands	78	73.1	87.8	52.4	87.8
4/22/2018	4:00:00 PM	Redlands	79	69.6	87.8	52.4	85.4
4/22/2018	5:00:00 PM	Redlands	79	65.2	87.8	52.4	83.1
4/22/2018	6:00:00 PM	Redlands	66	60.4	87.8	52.4	80.7
4/23/2018	11:00:00 AM	Redlands	62	64.3	86.1	51.7	70.8
4/23/2018	12:00:00 PM	Redlands	71	67.2	86.1	51.7	74.6
4/23/2018	1:00:00 PM	Redlands	77	68.3	86.1	51.7	78.5
4/23/2018	2:00:00 PM	Redlands	78	68.0	86.1	51.7	82.3
4/23/2018	3:00:00 PM	Redlands	82	67.0	86.1	51.7	86.1
4/23/2018	4:00:00 PM	Redlands	71	64.1	86.1	51.7	83.8
4/24/2018	12:00:00 PM	Redlands	66	62.7	83.4	50.8	72.5
4/24/2018	1:00:00 PM	Redlands	71	64.6	83.4	50.8	76.2
4/24/2018	2:00:00 PM	Redlands	71	64.9	83.4	50.8	79.8
4/24/2018	3:00:00 PM	Redlands	72	63.7	83.4	50.8	83.4
4/24/2018	4:00:00 PM	Redlands	70	61.4	83.4	50.8	81.2
4/25/2018	12:00:00 PM	Redlands	70	64.3	80.8	49.9	70.5
4/25/2018	1:00:00 PM	Redlands	73	66.3	80.8	49.9	73.9
4/25/2018	2:00:00 PM	Redlands	74	66.9	80.8	49.9	77.4
4/25/2018	3:00:00 PM	Redlands	75	65.9	80.8	49.9	80.8

2018 Roubidoux Ozone - O3@60+ppb

4/25/2018	4:00:00 PM	Redlands	68	62.8	80.8	49.9	78.7
4/26/2018	1:00:00 PM	Redlands	69	61.1	78.9	50.2	72.5
4/26/2018	2:00:00 PM	Redlands	72	63.3	78.9	50.2	75.7
4/26/2018	3:00:00 PM	Redlands	73	62.7	78.9	50.2	78.9
4/26/2018	4:00:00 PM	Redlands	71	60.2	78.9	50.2	77.0
4/28/2018	12:00:00 PM	Redlands	69	62.0	73.7	47.0	64.8
4/28/2018	1:00:00 PM	Redlands	71	65.8	73.7	47.0	67.8
4/28/2018	2:00:00 PM	Redlands	73	67.7	73.7	47.0	70.7
4/28/2018	3:00:00 PM	Redlands	76	67.9	73.7	47.0	73.7
4/28/2018	4:00:00 PM	Redlands	72	66.3	73.7	47.0	71.9
4/28/2018	5:00:00 PM	Redlands	68	63.4	73.7	47.0	70.1
5/4/2018	11:00:00 AM	Redlands	63	61.3	91.4	51.6	73.7
5/4/2018	12:00:00 PM	Redlands	67	64.9	91.4	51.6	78.1
5/4/2018	1:00:00 PM	Redlands	71	68.1	91.4	51.6	82.6
5/4/2018	2:00:00 PM	Redlands	75	70.1	91.4	51.6	87.0
5/4/2018	3:00:00 PM	Redlands	76	69.4	91.4	51.6	91.4
5/4/2018	4:00:00 PM	Redlands	75	65.8	91.4	51.6	88.7
5/4/2018	5:00:00 PM	Redlands	75	61.6	91.4	51.6	86.1
5/5/2018	10:00:00 AM	Redlands	68	64.7	95.8	54.2	72.7
5/5/2018	11:00:00 AM	Redlands	73	70.1	95.8	54.2	77.3
5/5/2018	12:00:00 PM	Redlands	75	75.7	95.8	54.2	81.9
5/5/2018	1:00:00 PM	Redlands	79	78.7	95.8	54.2	86.6
5/5/2018	2:00:00 PM	Redlands	83	77.8	95.8	54.2	91.2
5/5/2018	3:00:00 PM	Redlands	86	73.9	95.8	54.2	95.8
5/5/2018	4:00:00 PM	Redlands	97	69.3	95.8	54.2	93.0
5/5/2018	5:00:00 PM	Redlands	86	65.3	95.8	54.2	90.3
5/5/2018	7:00:00 PM	Redlands	53	60.8	95.8	54.2	84.7
5/6/2018	8:00:00 AM	Redlands	64	60.4	92.3	58.0	65.6
5/6/2018	9:00:00 AM	Redlands	68	65.0	92.3	58.0	69.4
5/6/2018	10:00:00 AM	Redlands	72	70.8	92.3	58.0	73.2
5/6/2018	11:00:00 AM	Redlands	76	76.1	92.3	58.0	77.1
5/6/2018	12:00:00 PM	Redlands	84	78.7	92.3	58.0	80.9
5/6/2018	1:00:00 PM	Redlands	82	79.0	92.3	58.0	84.7
5/6/2018	2:00:00 PM	Redlands	93	77.9	92.3	58.0	88.5
5/6/2018	3:00:00 PM	Redlands	89	74.8	92.3	58.0	92.3
5/6/2018	4:00:00 PM	Redlands	80	70.4	92.3	58.0	90.0
5/6/2018	6:00:00 PM	Redlands	67	64.7	92.3	58.0	85.4
5/7/2018	11:00:00 AM	Redlands	71	64.3	87.1	53.8	72.3
5/7/2018	12:00:00 PM	Redlands	75	66.2	87.1	53.8	76.0
5/7/2018	1:00:00 PM	Redlands	79	64.3	87.1	53.8	79.7
5/7/2018	4:00:00 PM	Redlands	81	61.2	87.1	53.8	84.9
5/8/2018	10:00:00 AM	Redlands	71	65.9	86.0	54.0	68.2
5/8/2018	11:00:00 AM	Redlands	72	74.0	86.0	54.0	71.8
5/8/2018	12:00:00 PM	Redlands	80	79.7	86.0	54.0	75.3

2018 Roubidoux Ozone - O3@60+ppb

5/8/2018	1:00:00 PM	Redlands	87	83.8	86.0	54.0	78.9
5/8/2018	2:00:00 PM	Redlands	96	84.4	86.0	54.0	82.4
5/8/2018	3:00:00 PM	Redlands	99	83.3	86.0	54.0	86.0
5/8/2018	4:00:00 PM	Redlands	99	80.6	86.0	54.0	83.9
5/8/2018	5:00:00 PM	Redlands	85	75.7	86.0	54.0	81.7
5/8/2018	6:00:00 PM	Redlands	71	68.8	86.0	54.0	79.6
5/8/2018	7:00:00 PM	Redlands	61	60.6	86.0	54.0	77.5
5/9/2018	10:00:00 AM	Redlands	80	72.9	87.3	55.3	69.5
5/9/2018	11:00:00 AM	Redlands	98	84.6	87.3	55.3	73.1
5/9/2018	12:00:00 PM	Redlands	105	93.6	87.3	55.3	76.6
5/9/2018	1:00:00 PM	Redlands	110	99.1	87.3	55.3	80.2
5/9/2018	2:00:00 PM	Redlands	122	100.7	87.3	55.3	83.7
5/9/2018	3:00:00 PM	Redlands	120	98.1	87.3	55.3	87.3
5/9/2018	4:00:00 PM	Redlands	110	92.4	87.3	55.3	85.2
5/9/2018	5:00:00 PM	Redlands	89	86.1	87.3	55.3	83.0
5/9/2018	6:00:00 PM	Redlands	72	76.7	87.3	55.3	80.9
5/9/2018	7:00:00 PM	Redlands	57	65.6	87.3	55.3	78.8
5/10/2018	11:00:00 AM	Redlands	69	65.1	83.2	55.3	70.8
5/10/2018	12:00:00 PM	Redlands	82	69.4	83.2	55.3	73.9
5/10/2018	1:00:00 PM	Redlands	88	71.9	83.2	55.3	77.0
5/10/2018	2:00:00 PM	Redlands	90	71.9	83.2	55.3	80.1
5/10/2018	3:00:00 PM	Redlands	82	70.4	83.2	55.3	83.2
5/10/2018	4:00:00 PM	Redlands	70	66.4	83.2	55.3	81.3
5/10/2018	5:00:00 PM	Redlands	63	60.8	83.2	55.3	79.5
5/15/2018	1:00:00 PM	Redlands	68	61.1	76.0	49.2	70.0
5/15/2018	2:00:00 PM	Redlands	68	61.9	76.0	49.2	73.0
5/15/2018	3:00:00 PM	Redlands	69	60.6	76.0	49.2	76.0
5/16/2018	1:00:00 PM	Redlands	69	60.2	78.8	49.5	72.3
5/16/2018	2:00:00 PM	Redlands	73	61.7	78.8	49.5	75.5
5/16/2018	3:00:00 PM	Redlands	72	61.2	78.8	49.5	78.8
5/28/2018	11:00:00 AM	Redlands	70	62.8	84.7	52.9	70.6
5/28/2018	12:00:00 PM	Redlands	76	69.4	84.7	52.9	74.1
5/28/2018	1:00:00 PM	Redlands	83	74.8	84.7	52.9	77.6
5/28/2018	2:00:00 PM	Redlands	84	78.1	84.7	52.9	81.2
5/28/2018	3:00:00 PM	Redlands	83	77.9	84.7	52.9	84.7
5/28/2018	4:00:00 PM	Redlands	85	75.4	84.7	52.9	82.6
5/28/2018	5:00:00 PM	Redlands	83	71.2	84.7	52.9	80.5
5/28/2018	6:00:00 PM	Redlands	78	65.3	84.7	52.9	78.3
5/29/2018	1:00:00 PM	Redlands	84	62.3	83.8	57.0	77.8
5/29/2018	2:00:00 PM	Redlands	85	67.2	83.8	57.0	80.8
5/29/2018	3:00:00 PM	Redlands	83	65.4	83.8	57.0	83.8
5/29/2018	4:00:00 PM	Redlands	73	61.8	83.8	57.0	82.0
6/1/2018	12:00:00 PM	Redlands	62	64.3	82.7	51.5	72.3
6/1/2018	1:00:00 PM	Redlands	69	68.2	82.7	51.5	75.8

2018 Roubidoux Ozone - O3@60+ppb

6/1/2018	2:00:00 PM	Redlands	81	69.9	82.7	51.5	79.2
6/1/2018	3:00:00 PM	Redlands	84	69.8	82.7	51.5	82.7
6/1/2018	4:00:00 PM	Redlands	85	68.6	82.7	51.5	80.6
6/1/2018	5:00:00 PM	Redlands	74	65.1	82.7	51.5	78.5
6/1/2018	6:00:00 PM	Redlands	63	60.2	82.7	51.5	76.5
6/2/2018	9:00:00 AM	Redlands	67	63.3	87.8	54.0	65.3
6/2/2018	10:00:00 AM	Redlands	75	73.0	87.8	54.0	69.0
6/2/2018	11:00:00 AM	Redlands	78	81.0	87.8	54.0	72.8
6/2/2018	12:00:00 PM	Redlands	95	86.4	87.8	54.0	76.5
6/2/2018	1:00:00 PM	Redlands	101	89.8	87.8	54.0	80.3
6/2/2018	2:00:00 PM	Redlands	106	90.7	87.8	54.0	84.0
6/2/2018	3:00:00 PM	Redlands	105	89.7	87.8	54.0	87.8
6/2/2018	4:00:00 PM	Redlands	96	87.1	87.8	54.0	85.5
6/2/2018	5:00:00 PM	Redlands	85	81.4	87.8	54.0	83.3
6/2/2018	6:00:00 PM	Redlands	75	73.9	87.8	54.0	81.0
6/2/2018	7:00:00 PM	Redlands	66	65.4	87.8	54.0	78.8
6/3/2018	9:00:00 AM	Redlands	68	66.4	93.1	56.2	68.5
6/3/2018	10:00:00 AM	Redlands	82	76.6	93.1	56.2	72.6
6/3/2018	11:00:00 AM	Redlands	90	85.0	93.1	56.2	76.7
6/3/2018	12:00:00 PM	Redlands	105	92.0	93.1	56.2	80.8
6/3/2018	1:00:00 PM	Redlands	108	96.1	93.1	56.2	84.9
6/3/2018	2:00:00 PM	Redlands	110	97.3	93.1	56.2	89.0
6/3/2018	3:00:00 PM	Redlands	107	95.4	93.1	56.2	93.1
6/3/2018	4:00:00 PM	Redlands	105	91.1	93.1	56.2	90.6
6/3/2018	5:00:00 PM	Redlands	90	84.3	93.1	56.2	88.2
6/3/2018	6:00:00 PM	Redlands	79	75.4	93.1	56.2	85.7
6/3/2018	7:00:00 PM	Redlands	65	65.8	93.1	56.2	83.3
6/4/2018	9:00:00 AM	Redlands	68	64.3	89.0	56.0	67.0
6/4/2018	10:00:00 AM	Redlands	79	73.1	89.0	56.0	70.7
6/4/2018	11:00:00 AM	Redlands	91	79.9	89.0	56.0	74.3
6/4/2018	12:00:00 PM	Redlands	96	84.7	89.0	56.0	78.0
6/4/2018	1:00:00 PM	Redlands	99	87.1	89.0	56.0	81.7
6/4/2018	2:00:00 PM	Redlands	95	86.9	89.0	56.0	85.3
6/4/2018	3:00:00 PM	Redlands	92	84.0	89.0	56.0	89.0
6/4/2018	4:00:00 PM	Redlands	88	78.1	89.0	56.0	86.8
6/4/2018	5:00:00 PM	Redlands	76	70.9	89.0	56.0	84.6
6/4/2018	6:00:00 PM	Redlands	66	62.7	89.0	56.0	82.4
6/5/2018	12:00:00 PM	Redlands	75	62.3	80.7	56.4	72.6
6/5/2018	1:00:00 PM	Redlands	83	67.0	80.7	56.4	75.3
6/5/2018	2:00:00 PM	Redlands	80	69.3	80.7	56.4	78.0
6/5/2018	3:00:00 PM	Redlands	77	69.4	80.7	56.4	80.7
6/5/2018	4:00:00 PM	Redlands	75	66.9	80.7	56.4	79.1
6/5/2018	5:00:00 PM	Redlands	69	62.1	80.7	56.4	77.5
6/6/2018	12:00:00 PM	Redlands	67	60.7	82.5	59.3	74.8

2018 Roubidoux Ozone - O3@60+ppb

6/6/2018	1:00:00 PM Redlands	85	65.4	82.5	59.3	77.3
6/6/2018	2:00:00 PM Redlands	80	67.9	82.5	59.3	79.9
6/6/2018	3:00:00 PM Redlands	78	68.4	82.5	59.3	82.5
6/6/2018	4:00:00 PM Redlands	77	67.2	82.5	59.3	81.0
6/6/2018	5:00:00 PM Redlands	71	63.8	82.5	59.3	79.4
6/7/2018	12:00:00 PM Redlands	73	64.8	84.1	53.5	73.9
6/7/2018	1:00:00 PM Redlands	81	70.7	84.1	53.5	77.3
6/7/2018	2:00:00 PM Redlands	78	72.6	84.1	53.5	80.7
6/7/2018	3:00:00 PM Redlands	84	72.7	84.1	53.5	84.1
6/7/2018	4:00:00 PM Redlands	89	71.3	84.1	53.5	82.1
6/7/2018	5:00:00 PM Redlands	81	67.9	84.1	53.5	80.0
6/7/2018	6:00:00 PM Redlands	58	62.3	84.1	53.5	78.0
6/8/2018	9:00:00 AM Redlands	67	63.3	91.7	56.3	68.1
6/8/2018	10:00:00 AM Redlands	77	71.7	91.7	56.3	72.0
6/8/2018	11:00:00 AM Redlands	80	79.7	91.7	56.3	76.0
6/8/2018	12:00:00 PM Redlands	83	86.8	91.7	56.3	79.9
6/8/2018	1:00:00 PM Redlands	95	91.2	91.7	56.3	83.8
6/8/2018	2:00:00 PM Redlands	102	92.3	91.7	56.3	87.8
6/8/2018	3:00:00 PM Redlands	109	90.9	91.7	56.3	91.7
6/8/2018	4:00:00 PM Redlands	113	87.7	91.7	56.3	89.3
6/8/2018	5:00:00 PM Redlands	95	82.4	91.7	56.3	87.0
6/8/2018	6:00:00 PM Redlands	77	75.3	91.7	56.3	84.6
6/8/2018	7:00:00 PM Redlands	64	67.4	91.7	56.3	82.3
6/9/2018	10:00:00 AM Redlands	74	65.8	88.3	59.2	72.1
6/9/2018	11:00:00 AM Redlands	89	71.2	88.3	59.2	75.4
6/9/2018	12:00:00 PM Redlands	82	75.2	88.3	59.2	78.6
6/9/2018	1:00:00 PM Redlands	80	77.6	88.3	59.2	81.8
6/9/2018	2:00:00 PM Redlands	78	77.7	88.3	59.2	85.1
6/9/2018	3:00:00 PM Redlands	81	76.8	88.3	59.2	88.3
6/9/2018	4:00:00 PM Redlands	74	73.1	88.3	59.2	86.4
6/9/2018	5:00:00 PM Redlands	71	69.6	88.3	59.2	84.4
6/9/2018	6:00:00 PM Redlands	70	64.2	88.3	59.2	82.5
6/10/2018	10:00:00 AM Redlands	67	62.1	88.4	58.6	71.8
6/10/2018	11:00:00 AM Redlands	75	67.7	88.4	58.6	75.2
6/10/2018	12:00:00 PM Redlands	77	72.6	88.4	58.6	78.5
6/10/2018	1:00:00 PM Redlands	85	75.2	88.4	58.6	81.8
6/10/2018	2:00:00 PM Redlands	87	76.0	88.4	58.6	85.1
6/10/2018	3:00:00 PM Redlands	83	75.0	88.4	58.6	88.4
6/10/2018	4:00:00 PM Redlands	80	72.6	88.4	58.6	86.4
6/10/2018	5:00:00 PM Redlands	68	68.9	88.4	58.6	84.4
6/10/2018	6:00:00 PM Redlands	62	63.2	88.4	58.6	82.4
6/12/2018	7:00:00 AM Redlands	49	65.4	95.2	61.6	65.3
6/12/2018	8:00:00 AM Redlands	59	71.0	95.2	61.6	69.1
6/12/2018	9:00:00 AM Redlands	78	75.6	95.2	61.6	72.8

2018 Roubidoux Ozone - O3@60+ppb

6/12/2018	10:00:00 AM	Redlands	91	80.8	95.2	61.6	76.5
6/12/2018	11:00:00 AM	Redlands	98	88.2	95.2	61.6	80.3
6/12/2018	12:00:00 PM	Redlands	101	92.7	95.2	61.6	84.0
6/12/2018	1:00:00 PM	Redlands	99	94.0	95.2	61.6	87.7
6/12/2018	2:00:00 PM	Redlands	110	92.7	95.2	61.6	91.5
6/12/2018	3:00:00 PM	Redlands	109	89.6	95.2	61.6	95.2
6/12/2018	4:00:00 PM	Redlands	89	84.6	95.2	61.6	93.0
6/12/2018	5:00:00 PM	Redlands	71	77.2	95.2	61.6	90.7
6/12/2018	6:00:00 PM	Redlands	66	69.6	95.2	61.6	88.5
6/12/2018	7:00:00 PM	Redlands	63	60.3	95.2	61.6	86.2
6/13/2018	10:00:00 AM	Redlands	69	67.7	95.6	62.1	77.0
6/13/2018	11:00:00 AM	Redlands	81	74.0	95.6	62.1	80.7
6/13/2018	12:00:00 PM	Redlands	92	77.1	95.6	62.1	84.4
6/13/2018	1:00:00 PM	Redlands	94	78.6	95.6	62.1	88.2
6/13/2018	2:00:00 PM	Redlands	98	78.8	95.6	62.1	91.9
6/13/2018	3:00:00 PM	Redlands	81	78.0	95.6	62.1	95.6
6/13/2018	4:00:00 PM	Redlands	66	74.7	95.6	62.1	93.4
6/13/2018	5:00:00 PM	Redlands	64	68.3	95.6	62.1	91.1
6/13/2018	6:00:00 PM	Redlands	64	61.1	95.6	62.1	88.9
6/14/2018	10:00:00 AM	Redlands	70	65.2	95.1	60.6	75.9
6/14/2018	11:00:00 AM	Redlands	78	72.3	95.1	60.6	79.8
6/14/2018	12:00:00 PM	Redlands	82	77.1	95.1	60.6	83.6
6/14/2018	1:00:00 PM	Redlands	92	79.0	95.1	60.6	87.4
6/14/2018	2:00:00 PM	Redlands	90	78.7	95.1	60.6	91.3
6/14/2018	3:00:00 PM	Redlands	89	78.3	95.1	60.6	95.1
6/14/2018	4:00:00 PM	Redlands	80	75.2	95.1	60.6	92.8
6/14/2018	5:00:00 PM	Redlands	67	70.7	95.1	60.6	90.5
6/14/2018	6:00:00 PM	Redlands	60	63.7	95.1	60.6	88.2
6/18/2018	2:00:00 PM	Redlands	71	60.9	78.7	59.4	76.6
6/18/2018	3:00:00 PM	Redlands	77	62.0	78.7	59.4	78.7
6/18/2018	4:00:00 PM	Redlands	76	61.6	78.7	59.4	77.4
6/19/2018	11:00:00 AM	Redlands	61	61.0	85.3	54.6	71.7
6/19/2018	12:00:00 PM	Redlands	69	70.4	85.3	54.6	75.1
6/19/2018	1:00:00 PM	Redlands	86	76.9	85.3	54.6	78.5
6/19/2018	2:00:00 PM	Redlands	93	80.7	85.3	54.6	81.9
6/19/2018	3:00:00 PM	Redlands	101	81.4	85.3	54.6	85.3
6/19/2018	4:00:00 PM	Redlands	102	79.7	85.3	54.6	83.3
6/19/2018	5:00:00 PM	Redlands	89	76.0	85.3	54.6	81.2
6/19/2018	6:00:00 PM	Redlands	74	69.6	85.3	54.6	79.2
6/19/2018	7:00:00 PM	Redlands	58	61.4	85.3	54.6	77.1
6/20/2018	10:00:00 AM	Redlands	65	69.2	92.0	58.3	73.3
6/20/2018	11:00:00 AM	Redlands	81	80.3	92.0	58.3	77.0
6/20/2018	12:00:00 PM	Redlands	96	89.9	92.0	58.3	80.8
6/20/2018	1:00:00 PM	Redlands	117	97.2	92.0	58.3	84.5

2018 Roubidoux Ozone - O3@60+ppb

6/20/2018	2:00:00 PM	Redlands	120	100.9	92.0	58.3	88.3
6/20/2018	3:00:00 PM	Redlands	123	100.9	92.0	58.3	92.0
6/20/2018	4:00:00 PM	Redlands	119	97.9	92.0	58.3	89.8
6/20/2018	5:00:00 PM	Redlands	107	92.0	92.0	58.3	87.5
6/20/2018	6:00:00 PM	Redlands	80	82.9	92.0	58.3	85.3
6/20/2018	7:00:00 PM	Redlands	65	72.7	92.0	58.3	83.0
6/20/2018	8:00:00 PM	Redlands	54	61.4	92.0	58.3	80.8
6/21/2018	10:00:00 AM	Redlands	79	70.8	91.5	59.2	73.6
6/21/2018	11:00:00 AM	Redlands	95	82.0	91.5	59.2	77.1
6/21/2018	12:00:00 PM	Redlands	103	91.3	91.5	59.2	80.7
6/21/2018	1:00:00 PM	Redlands	112	98.1	91.5	59.2	84.3
6/21/2018	2:00:00 PM	Redlands	117	101.1	91.5	59.2	87.9
6/21/2018	3:00:00 PM	Redlands	118	99.7	91.5	59.2	91.5
6/21/2018	4:00:00 PM	Redlands	108	95.2	91.5	59.2	89.3
6/21/2018	5:00:00 PM	Redlands	96	88.9	91.5	59.2	87.2
6/21/2018	6:00:00 PM	Redlands	82	80.6	91.5	59.2	85.0
6/21/2018	7:00:00 PM	Redlands	66	71.1	91.5	59.2	82.9
6/21/2018	8:00:00 PM	Redlands	55	60.3	91.5	59.2	80.7
6/22/2018	10:00:00 AM	Redlands	75	70.6	93.8	61.5	75.9
6/22/2018	11:00:00 AM	Redlands	85	81.9	93.8	61.5	79.4
6/22/2018	12:00:00 PM	Redlands	105	92.8	93.8	61.5	83.0
6/22/2018	1:00:00 PM	Redlands	113	102.1	93.8	61.5	86.6
6/22/2018	2:00:00 PM	Redlands	121	107.3	93.8	61.5	90.2
6/22/2018	3:00:00 PM	Redlands	122	108.0	93.8	61.5	93.8
6/22/2018	4:00:00 PM	Redlands	128	106.0	93.8	61.5	91.6
6/22/2018	5:00:00 PM	Redlands	119	100.4	93.8	61.5	89.5
6/22/2018	6:00:00 PM	Redlands	98	90.9	93.8	61.5	87.3
6/22/2018	7:00:00 PM	Redlands	81	79.9	93.8	61.5	85.2
6/22/2018	8:00:00 PM	Redlands	67	68.6	93.8	61.5	83.0
6/23/2018	10:00:00 AM	Redlands	69	64.7	83.6	60.4	70.7
6/23/2018	11:00:00 AM	Redlands	86	71.2	83.6	60.4	73.3
6/23/2018	12:00:00 PM	Redlands	97	76.3	83.6	60.4	75.9
6/23/2018	1:00:00 PM	Redlands	95	79.6	83.6	60.4	78.4
6/23/2018	2:00:00 PM	Redlands	90	79.4	83.6	60.4	81.0
6/23/2018	3:00:00 PM	Redlands	82	76.4	83.6	60.4	83.6
6/23/2018	4:00:00 PM	Redlands	74	70.6	83.6	60.4	82.1
6/23/2018	5:00:00 PM	Redlands	68	62.9	83.6	60.4	80.5
6/24/2018	12:00:00 PM	Redlands	75	60.7	85.8	59.0	76.9
6/24/2018	2:00:00 PM	Redlands	78	63.0	85.8	59.0	82.8
6/24/2018	3:00:00 PM	Redlands	77	63.7	85.8	59.0	85.8
6/24/2018	4:00:00 PM	Redlands	69	62.2	85.8	59.0	84.0
6/25/2018	11:00:00 AM	Redlands	61	61.1	90.0	55.8	74.8
6/25/2018	12:00:00 PM	Redlands	69	68.2	90.0	55.8	78.6
6/25/2018	1:00:00 PM	Redlands	79	73.4	90.0	55.8	82.4

2018 Roubidoux Ozone - O3@60+ppb

6/25/2018	2:00:00 PM	Redlands	88	76.3	90.0	55.8	86.2
6/25/2018	3:00:00 PM	Redlands	96	77.0	90.0	55.8	90.0
6/25/2018	4:00:00 PM	Redlands	88	75.9	90.0	55.8	87.7
6/25/2018	5:00:00 PM	Redlands	80	73.0	90.0	55.8	85.4
6/25/2018	6:00:00 PM	Redlands	70	67.8	90.0	55.8	83.2
6/25/2018	7:00:00 PM	Redlands	62	60.1	90.0	55.8	80.9
6/26/2018	11:00:00 AM	Redlands	70	67.3	91.9	57.8	76.7
6/26/2018	12:00:00 PM	Redlands	75	76.4	91.9	57.8	80.5
6/26/2018	1:00:00 PM	Redlands	87	83.0	91.9	57.8	84.3
6/26/2018	2:00:00 PM	Redlands	97	85.9	91.9	57.8	88.1
6/26/2018	3:00:00 PM	Redlands	104	85.1	91.9	57.8	91.9
6/26/2018	4:00:00 PM	Redlands	106	82.6	91.9	57.8	89.6
6/26/2018	5:00:00 PM	Redlands	94	77.9	91.9	57.8	87.4
6/26/2018	6:00:00 PM	Redlands	76	70.8	91.9	57.8	85.1
6/26/2018	7:00:00 PM	Redlands	57	62.2	91.9	57.8	82.8
6/27/2018	10:00:00 AM	Redlands	72	67.2	90.8	59.1	73.2
6/27/2018	11:00:00 AM	Redlands	82	74.6	90.8	59.1	76.7
6/27/2018	12:00:00 PM	Redlands	86	79.6	90.8	59.1	80.2
6/27/2018	1:00:00 PM	Redlands	93	82.6	90.8	59.1	83.8
6/27/2018	2:00:00 PM	Redlands	102	83.8	90.8	59.1	87.3
6/27/2018	3:00:00 PM	Redlands	91	82.4	90.8	59.1	90.8
6/27/2018	4:00:00 PM	Redlands	84	78.7	90.8	59.1	88.7
6/27/2018	5:00:00 PM	Redlands	75	73.1	90.8	59.1	86.6
6/27/2018	6:00:00 PM	Redlands	69	65.6	90.8	59.1	84.5
6/28/2018	10:00:00 AM	Redlands	57	61.0	87.9	57.4	71.0
6/28/2018	11:00:00 AM	Redlands	75	68.0	87.9	57.4	74.3
6/28/2018	12:00:00 PM	Redlands	89	73.7	87.9	57.4	77.7
6/28/2018	1:00:00 PM	Redlands	98	77.3	87.9	57.4	81.1
6/28/2018	2:00:00 PM	Redlands	96	78.8	87.9	57.4	84.5
6/28/2018	3:00:00 PM	Redlands	89	77.6	87.9	57.4	87.9
6/28/2018	4:00:00 PM	Redlands	80	73.4	87.9	57.4	85.9
6/28/2018	5:00:00 PM	Redlands	67	67.1	87.9	57.4	83.8
6/29/2018	12:00:00 PM	Redlands	65	60.2	83.8	59.4	75.7
6/29/2018	1:00:00 PM	Redlands	73	64.3	83.8	59.4	78.4
6/29/2018	2:00:00 PM	Redlands	76	66.2	83.8	59.4	81.1
6/29/2018	3:00:00 PM	Redlands	78	65.6	83.8	59.4	83.8
6/29/2018	4:00:00 PM	Redlands	80	62.9	83.8	59.4	82.2
6/30/2018	2:00:00 PM	Redlands	77	61.0	84.9	59.9	82.1
6/30/2018	3:00:00 PM	Redlands	79	62.6	84.9	59.9	84.9
6/30/2018	4:00:00 PM	Redlands	74	62.3	84.9	59.9	83.2
7/1/2018	12:00:00 PM	Redlands	74	62.9	87.9	58.4	78.1
7/1/2018	1:00:00 PM	Redlands	80	66.8	87.9	58.4	81.3
7/1/2018	2:00:00 PM	Redlands	79	68.9	87.9	58.4	84.6
7/1/2018	3:00:00 PM	Redlands	76	68.6	87.9	58.4	87.9

2018 Roubidoux Ozone - O3@60+ppb

7/1/2018	4:00:00 PM	Redlands	69	66.6	87.9	58.4	85.9
7/1/2018	5:00:00 PM	Redlands	64	61.7	87.9	58.4	84.0
7/2/2018	12:00:00 PM	Redlands	71	64.7	87.6	59.2	78.1
7/2/2018	1:00:00 PM	Redlands	79	70.6	87.6	59.2	81.3
7/2/2018	2:00:00 PM	Redlands	85	73.9	87.6	59.2	84.4
7/2/2018	3:00:00 PM	Redlands	89	74.6	87.6	59.2	87.6
7/2/2018	4:00:00 PM	Redlands	87	72.4	87.6	59.2	85.7
7/2/2018	5:00:00 PM	Redlands	79	66.9	87.6	59.2	83.8
7/2/2018	6:00:00 PM	Redlands	68	60.2	87.6	59.2	81.9
7/3/2018	12:00:00 PM	Redlands	70	63.1	85.9	61.5	77.8
7/3/2018	1:00:00 PM	Redlands	78	68.7	85.9	61.5	80.5
7/3/2018	2:00:00 PM	Redlands	81	70.3	85.9	61.5	83.2
7/3/2018	3:00:00 PM	Redlands	87	69.9	85.9	61.5	85.9
7/3/2018	4:00:00 PM	Redlands	86	67.2	85.9	61.5	84.3
7/3/2018	5:00:00 PM	Redlands	72	62.9	85.9	61.5	82.6
7/4/2018	11:00:00 AM	Redlands	70	60.8	92.4	57.5	76.9
7/4/2018	12:00:00 PM	Redlands	74	67.1	92.4	57.5	80.8
7/4/2018	1:00:00 PM	Redlands	81	71.4	92.4	57.5	84.6
7/4/2018	2:00:00 PM	Redlands	82	73.2	92.4	57.5	88.5
7/4/2018	3:00:00 PM	Redlands	80	72.2	92.4	57.5	92.4
7/4/2018	4:00:00 PM	Redlands	80	69.1	92.4	57.5	90.1
7/4/2018	5:00:00 PM	Redlands	72	64.9	92.4	57.5	87.7
7/5/2018	10:00:00 AM	Redlands	70	61.9	100.9	59.7	78.0
7/5/2018	11:00:00 AM	Redlands	69	70.8	100.9	59.7	82.6
7/5/2018	12:00:00 PM	Redlands	67	80.2	100.9	59.7	87.2
7/5/2018	1:00:00 PM	Redlands	88	85.4	100.9	59.7	91.7
7/5/2018	2:00:00 PM	Redlands	90	87.3	100.9	59.7	96.3
7/5/2018	3:00:00 PM	Redlands	110	87.4	100.9	59.7	100.9
7/5/2018	4:00:00 PM	Redlands	122	84.9	100.9	59.7	98.2
7/5/2018	5:00:00 PM	Redlands	94	81.2	100.9	59.7	95.4
7/5/2018	6:00:00 PM	Redlands	76	75.4	100.9	59.7	92.7
7/5/2018	7:00:00 PM	Redlands	71	71.0	100.9	59.7	89.9
7/5/2018	8:00:00 PM	Redlands	46	63.4	100.9	59.7	87.2
7/6/2018	12:00:00 PM	Redlands	57	62.8	114.6	69.4	99.5
7/6/2018	1:00:00 PM	Redlands	58	66.0	114.6	69.4	104.6
7/6/2018	2:00:00 PM	Redlands	59	66.8	114.6	69.4	109.6
7/6/2018	3:00:00 PM	Redlands	64	64.4	114.6	69.4	114.6
7/6/2018	4:00:00 PM	Redlands	74	61.4	114.6	69.4	111.6
7/6/2018	5:00:00 PM	Redlands	83	60.3	114.6	69.4	108.6
7/7/2018	10:00:00 AM	Redlands	65	61.0	109.7	81.2	93.9
7/7/2018	11:00:00 AM	Redlands	61	66.0	109.7	81.2	97.0
7/7/2018	12:00:00 PM	Redlands	58	67.1	109.7	81.2	100.2
7/7/2018	1:00:00 PM	Redlands	56	67.2	109.7	81.2	103.4
7/7/2018	2:00:00 PM	Redlands	80	67.9	109.7	81.2	106.5

2018 Roubidoux Ozone - O3@60+ppb

7/7/2018	3:00:00 PM	Redlands	80	65.8	109.7	81.2	109.7
7/7/2018	4:00:00 PM	Redlands	67	63.6	109.7	81.2	107.8
7/7/2018	5:00:00 PM	Redlands	68	60.7	109.7	81.2	105.9
7/8/2018	10:00:00 AM	Redlands	79	63.0	103.6	74.1	87.2
7/8/2018	11:00:00 AM	Redlands	84	67.4	103.6	74.1	90.5
7/8/2018	1:00:00 PM	Redlands	85	70.7	103.6	74.1	97.0
7/8/2018	2:00:00 PM	Redlands	75	71.1	103.6	74.1	100.3
7/8/2018	3:00:00 PM	Redlands	69	69.7	103.6	74.1	103.6
7/8/2018	4:00:00 PM	Redlands	64	66.1	103.6	74.1	101.6
7/8/2018	5:00:00 PM	Redlands	61	60.8	103.6	74.1	99.7
7/9/2018	11:00:00 AM	Redlands	68	67.4	99.4	75.9	89.0
7/9/2018	12:00:00 PM	Redlands	81	72.2	99.4	75.9	91.6
7/9/2018	1:00:00 PM	Redlands	78	73.0	99.4	75.9	94.2
7/9/2018	2:00:00 PM	Redlands	78	72.4	99.4	75.9	96.8
7/9/2018	3:00:00 PM	Redlands	102	70.3	99.4	75.9	99.4
7/9/2018	4:00:00 PM	Redlands	79	66.6	99.4	75.9	97.8
7/9/2018	5:00:00 PM	Redlands	58	60.6	99.4	75.9	96.3
7/10/2018	2:00:00 PM	Redlands	59	60.8	95.8	76.5	93.7
7/10/2018	3:00:00 PM	Redlands	77	60.6	95.8	76.5	95.8
7/12/2018	11:00:00 AM	Redlands	75	66.9	96.6	71.4	85.4
7/12/2018	12:00:00 PM	Redlands	86	72.4	96.6	71.4	88.2
7/12/2018	1:00:00 PM	Redlands	87	75.4	96.6	71.4	91.0
7/12/2018	2:00:00 PM	Redlands	89	76.4	96.6	71.4	93.8
7/12/2018	3:00:00 PM	Redlands	88	75.0	96.6	71.4	96.6
7/12/2018	4:00:00 PM	Redlands	75	70.9	96.6	71.4	94.9
7/12/2018	5:00:00 PM	Redlands	67	64.8	96.6	71.4	93.2
7/13/2018	12:00:00 PM	Redlands	72	64.6	98.0	68.7	88.2
7/13/2018	1:00:00 PM	Redlands	78	70.3	98.0	68.7	91.5
7/13/2018	2:00:00 PM	Redlands	94	72.8	98.0	68.7	94.7
7/13/2018	3:00:00 PM	Redlands	94	72.4	98.0	68.7	98.0
7/13/2018	4:00:00 PM	Redlands	81	70.8	98.0	68.7	96.0
7/13/2018	5:00:00 PM	Redlands	74	66.4	98.0	68.7	94.1
7/13/2018	6:00:00 PM	Redlands	60	61.3	98.0	68.7	92.1
7/14/2018	10:00:00 AM	Redlands	61	61.2	97.5	68.4	81.3
7/14/2018	11:00:00 AM	Redlands	75	70.4	97.5	68.4	84.6
7/14/2018	12:00:00 PM	Redlands	86	77.6	97.5	68.4	87.8
7/14/2018	1:00:00 PM	Redlands	99	82.6	97.5	68.4	91.0
7/14/2018	2:00:00 PM	Redlands	99	82.7	97.5	68.4	94.3
7/14/2018	3:00:00 PM	Redlands	102	80.3	97.5	68.4	97.5
7/14/2018	4:00:00 PM	Redlands	91	75.6	97.5	68.4	95.6
7/14/2018	5:00:00 PM	Redlands	81	68.7	97.5	68.4	93.6
7/15/2018	11:00:00 AM	Redlands	71	64.3	97.1	69.3	84.7
7/15/2018	12:00:00 PM	Redlands	82	68.7	97.1	69.3	87.8
7/15/2018	1:00:00 PM	Redlands	83	70.4	97.1	69.3	90.9

2018 Roubidoux Ozone - O3@60+ppb

7/15/2018	2:00:00 PM	Redlands	80	70.4	97.1	69.3	94.0
7/15/2018	3:00:00 PM	Redlands	78	68.0	97.1	69.3	97.1
7/15/2018	4:00:00 PM	Redlands	68	64.0	97.1	69.3	95.2
7/16/2018	11:00:00 AM	Redlands	60	60.4	94.8	66.9	82.4
7/16/2018	12:00:00 PM	Redlands	70	68.1	94.8	66.9	85.5
7/16/2018	1:00:00 PM	Redlands	85	73.3	94.8	66.9	88.6
7/16/2018	2:00:00 PM	Redlands	87	75.8	94.8	66.9	91.7
7/16/2018	3:00:00 PM	Redlands	96	75.2	94.8	66.9	94.8
7/16/2018	4:00:00 PM	Redlands	90	72.9	94.8	66.9	92.9
7/16/2018	5:00:00 PM	Redlands	75	68.4	94.8	66.9	91.1
7/16/2018	6:00:00 PM	Redlands	63	61.9	94.8	66.9	89.2
7/17/2018	10:00:00 AM	Redlands	62	61.4	95.6	66.4	79.4
7/17/2018	11:00:00 AM	Redlands	76	71.6	95.6	66.4	82.6
7/17/2018	12:00:00 PM	Redlands	94	80.4	95.6	66.4	85.9
7/17/2018	1:00:00 PM	Redlands	109	86.9	95.6	66.4	89.1
7/17/2018	2:00:00 PM	Redlands	104	89.9	95.6	66.4	92.4
7/17/2018	3:00:00 PM	Redlands	106	89.0	95.6	66.4	95.6
7/17/2018	4:00:00 PM	Redlands	102	85.6	95.6	66.4	93.7
7/17/2018	5:00:00 PM	Redlands	88	79.3	95.6	66.4	91.7
7/17/2018	6:00:00 PM	Redlands	68	70.6	95.6	66.4	89.8
7/17/2018	7:00:00 PM	Redlands	54	61.7	95.6	66.4	87.8
7/18/2018	12:00:00 PM	Redlands	70	64.1	93.2	68.3	84.9
7/18/2018	1:00:00 PM	Redlands	90	71.6	93.2	68.3	87.7
7/18/2018	2:00:00 PM	Redlands	86	75.8	93.2	68.3	90.4
7/18/2018	3:00:00 PM	Redlands	96	78.2	93.2	68.3	93.2
7/18/2018	4:00:00 PM	Redlands	95	77.2	93.2	68.3	91.5
7/18/2018	5:00:00 PM	Redlands	89	73.2	93.2	68.3	89.9
7/18/2018	6:00:00 PM	Redlands	68	65.8	93.2	68.3	88.2
7/19/2018	10:00:00 AM	Redlands	67	61.9	96.2	69.0	81.1
7/19/2018	12:00:00 PM	Redlands	87	68.7	96.2	69.0	87.1
7/19/2018	1:00:00 PM	Redlands	99	73.3	96.2	69.0	90.2
7/19/2018	2:00:00 PM	Redlands	97	75.6	96.2	69.0	93.2
7/19/2018	3:00:00 PM	Redlands	79	74.2	96.2	69.0	96.2
7/19/2018	4:00:00 PM	Redlands	75	71.0	96.2	69.0	94.4
7/19/2018	5:00:00 PM	Redlands	64	65.2	96.2	69.0	92.6
7/20/2018	12:00:00 PM	Redlands	76	64.4	89.9	68.7	82.8
7/20/2018	1:00:00 PM	Redlands	79	68.6	89.9	68.7	85.2
7/20/2018	2:00:00 PM	Redlands	81	70.8	89.9	68.7	87.5
7/20/2018	3:00:00 PM	Redlands	77	69.7	89.9	68.7	89.9
7/20/2018	4:00:00 PM	Redlands	70	66.0	89.9	68.7	88.5
7/20/2018	5:00:00 PM	Redlands	66	60.7	89.9	68.7	87.1
7/21/2018	12:00:00 PM	Redlands	65	63.7	93.6	66.2	84.5
7/21/2018	1:00:00 PM	Redlands	75	69.8	93.6	66.2	87.5
7/21/2018	2:00:00 PM	Redlands	82	71.9	93.6	66.2	90.6

2018 Roubidoux Ozone - O3@60+ppb

7/21/2018	3:00:00 PM	Redlands	89	71.8	93.6	66.2	93.6
7/21/2018	4:00:00 PM	Redlands	90	69.8	93.6	66.2	91.8
7/21/2018	5:00:00 PM	Redlands	82	65.8	93.6	66.2	89.9
7/21/2018	6:00:00 PM	Redlands	59	60.1	93.6	66.2	88.1
7/22/2018	11:00:00 AM	Redlands	64	60.3	97.9	66.6	84.0
7/22/2018	12:00:00 PM	Redlands	77	65.7	97.9	66.6	87.5
7/22/2018	1:00:00 PM	Redlands	76	68.4	97.9	66.6	90.9
7/22/2018	2:00:00 PM	Redlands	76	70.0	97.9	66.6	94.4
7/22/2018	3:00:00 PM	Redlands	80	69.8	97.9	66.6	97.9
7/22/2018	4:00:00 PM	Redlands	78	67.0	97.9	66.6	95.8
7/22/2018	5:00:00 PM	Redlands	67	60.9	97.9	66.6	93.7
7/23/2018	10:00:00 AM	Redlands	65	70.3	104.2	70.6	85.5
7/23/2018	11:00:00 AM	Redlands	78	80.3	104.2	70.6	89.3
7/23/2018	12:00:00 PM	Redlands	91	89.0	104.2	70.6	93.0
7/23/2018	1:00:00 PM	Redlands	109	97.7	104.2	70.6	96.7
7/23/2018	2:00:00 PM	Redlands	118	102.3	104.2	70.6	100.5
7/23/2018	3:00:00 PM	Redlands	119	104.1	104.2	70.6	104.2
7/23/2018	4:00:00 PM	Redlands	118	102.4	104.2	70.6	102.0
7/23/2018	5:00:00 PM	Redlands	122	97.8	104.2	70.6	99.7
7/23/2018	6:00:00 PM	Redlands	101	89.6	104.2	70.6	97.5
7/23/2018	7:00:00 PM	Redlands	81	79.9	104.2	70.6	95.2
7/23/2018	8:00:00 PM	Redlands	63	69.3	104.2	70.6	93.0
7/24/2018	8:00:00 AM	Redlands	56	60.9	104.8	72.9	80.0
7/24/2018	9:00:00 AM	Redlands	69	73.1	104.8	72.9	83.5
7/24/2018	10:00:00 AM	Redlands	91	85.8	104.8	72.9	87.1
7/24/2018	11:00:00 AM	Redlands	97	94.3	104.8	72.9	90.6
7/24/2018	12:00:00 PM	Redlands	119	99.9	104.8	72.9	94.2
7/24/2018	2:00:00 PM	Redlands	134	103.8	104.8	72.9	101.3
7/24/2018	3:00:00 PM	Redlands	130	105.1	104.8	72.9	104.8
7/24/2018	4:00:00 PM	Redlands	108	102.6	104.8	72.9	102.7
7/24/2018	5:00:00 PM	Redlands	95	97.9	104.8	72.9	100.5
7/24/2018	6:00:00 PM	Redlands	91	88.7	104.8	72.9	98.4
7/24/2018	7:00:00 PM	Redlands	81	77.1	104.8	72.9	96.3
7/24/2018	8:00:00 PM	Redlands	68	65.6	104.8	72.9	94.2
7/25/2018	9:00:00 AM	Redlands	0	60.2	104.2	73.0	83.4
7/25/2018	10:00:00 AM	Redlands	82	71.3	104.2	73.0	86.9
7/25/2018	11:00:00 AM	Redlands	102	82.2	104.2	73.0	90.3
7/25/2018	12:00:00 PM	Redlands	122	90.9	104.2	73.0	93.8
7/25/2018	1:00:00 PM	Redlands	119	97.7	104.2	73.0	97.3
7/25/2018	2:00:00 PM	Redlands	119	108.0	104.2	73.0	100.7
7/25/2018	3:00:00 PM	Redlands	119	107.7	104.2	73.0	104.2
7/25/2018	4:00:00 PM	Redlands	112	103.7	104.2	73.0	102.1
7/25/2018	5:00:00 PM	Redlands	104	96.7	104.2	73.0	100.0
7/25/2018	6:00:00 PM	Redlands	93	88.1	104.2	73.0	98.0

2018 Roubidoux Ozone - O3@60+ppb

7/25/2018	7:00:00 PM Redlands	79	79.1	104.2	73.0	95.9
7/25/2018	8:00:00 PM Redlands	66	69.2	104.2	73.0	93.8
7/26/2018	1:00:00 PM Redlands	117	60.7	100.1	71.0	93.6
7/26/2018	2:00:00 PM Redlands	112	60.2	100.1	71.0	96.9
7/26/2018	3:00:00 PM Redlands	95	65.3	100.1	71.0	100.1
7/26/2018	5:00:00 PM Redlands	81	69.2	100.1	71.0	96.2
7/26/2018	6:00:00 PM Redlands	75	72.0	100.1	71.0	94.3
7/26/2018	7:00:00 PM Redlands	62	60.9	100.1	71.0	92.3
7/27/2018	9:00:00 AM Redlands	66	65.4	100.4	66.8	78.0
7/27/2018	10:00:00 AM Redlands	85	75.7	100.4	66.8	81.7
7/27/2018	11:00:00 AM Redlands	107	87.8	100.4	66.8	85.5
7/27/2018	12:00:00 PM Redlands	114	98.7	100.4	66.8	89.2
7/27/2018	1:00:00 PM Redlands	119	105.6	100.4	66.8	92.9
7/27/2018	2:00:00 PM Redlands	102	107.4	100.4	66.8	96.7
7/27/2018	3:00:00 PM Redlands	127	105.8	100.4	66.8	100.4
7/27/2018	4:00:00 PM Redlands	124	101.4	100.4	66.8	98.2
7/27/2018	5:00:00 PM Redlands	106	91.9	100.4	66.8	95.9
7/27/2018	6:00:00 PM Redlands	83	81.6	100.4	66.8	93.7
7/27/2018	7:00:00 PM Redlands	70	72.1	100.4	66.8	91.4
7/28/2018	10:00:00 AM Redlands	76	69.3	96.6	66.5	79.9
7/28/2018	11:00:00 AM Redlands	89	78.1	96.6	66.5	83.2
7/28/2018	12:00:00 PM Redlands	108	84.0	96.6	66.5	86.6
7/28/2018	1:00:00 PM Redlands	107	87.1	96.6	66.5	89.9
7/28/2018	2:00:00 PM Redlands	103	86.8	96.6	66.5	93.3
7/28/2018	3:00:00 PM Redlands	95	83.4	96.6	66.5	96.6
7/28/2018	4:00:00 PM Redlands	80	78.0	96.6	66.5	94.6
7/28/2018	5:00:00 PM Redlands	70	69.9	96.6	66.5	92.6
7/28/2018	6:00:00 PM Redlands	53	61.4	96.6	66.5	90.6
7/29/2018	10:00:00 AM Redlands	72	62.0	100.1	69.8	83.3
7/29/2018	11:00:00 AM Redlands	83	68.3	100.1	69.8	86.6
7/29/2018	12:00:00 PM Redlands	83	73.7	100.1	69.8	90.0
7/29/2018	1:00:00 PM Redlands	85	75.4	100.1	69.8	93.4
7/29/2018	2:00:00 PM Redlands	76	74.8	100.1	69.8	96.7
7/29/2018	3:00:00 PM Redlands	77	71.9	100.1	69.8	100.1
7/29/2018	4:00:00 PM Redlands	79	67.1	100.1	69.8	98.1
7/29/2018	5:00:00 PM Redlands	63	61.8	100.1	69.8	96.1
7/30/2018	12:00:00 PM Redlands	59	63.9	98.3	73.5	90.0
7/30/2018	1:00:00 PM Redlands	80	68.6	98.3	73.5	92.8
7/30/2018	2:00:00 PM Redlands	102	71.0	98.3	73.5	95.5
7/30/2018	3:00:00 PM Redlands	94	71.0	98.3	73.5	98.3
7/30/2018	4:00:00 PM Redlands	71	69.0	98.3	73.5	96.6
7/30/2018	5:00:00 PM Redlands	67	66.0	98.3	73.5	95.0
7/31/2018	12:00:00 PM Redlands	65	66.0	100.6	72.5	91.2
7/31/2018	1:00:00 PM Redlands	74	72.6	100.6	72.5	94.4

2018 Roubidoux Ozone - O3@60+ppb

7/31/2018	2:00:00 PM	Redlands	90	76.1	100.6	72.5	97.5
7/31/2018	3:00:00 PM	Redlands	107	75.8	100.6	72.5	100.6
7/31/2018	4:00:00 PM	Redlands	106	73.1	100.6	72.5	98.7
7/31/2018	5:00:00 PM	Redlands	80	68.7	100.6	72.5	96.9
7/31/2018	6:00:00 PM	Redlands	62	62.4	100.6	72.5	95.0
8/1/2018	11:00:00 AM	Redlands	65	64.2	100.2	72.6	87.9
8/1/2018	12:00:00 PM	Redlands	80	73.1	100.2	72.6	91.0
8/1/2018	1:00:00 PM	Redlands	84	78.1	100.2	72.6	94.1
8/1/2018	2:00:00 PM	Redlands	100	79.6	100.2	72.6	97.1
8/1/2018	3:00:00 PM	Redlands	103	79.1	100.2	72.6	100.2
8/1/2018	4:00:00 PM	Redlands	100	75.4	100.2	72.6	98.4
8/1/2018	5:00:00 PM	Redlands	76	68.7	100.2	72.6	96.5
8/1/2018	6:00:00 PM	Redlands	60	61.0	100.2	72.6	94.7
8/16/2018	12:00:00 PM	Redlands	79	63.9	93.5	68.0	85.0
8/16/2018	1:00:00 PM	Redlands	90	71.2	93.5	68.0	87.8
8/16/2018	2:00:00 PM	Redlands	94	73.6	93.5	68.0	90.7
8/16/2018	3:00:00 PM	Redlands	90	73.1	93.5	68.0	93.5
8/16/2018	4:00:00 PM	Redlands	76	70.1	93.5	68.0	91.8
8/16/2018	5:00:00 PM	Redlands	66	64.7	93.5	68.0	90.1
8/17/2018	11:00:00 AM	Redlands	75	66.4	94.1	68.9	82.9
8/17/2018	12:00:00 PM	Redlands	91	74.8	94.1	68.9	85.7
8/17/2018	1:00:00 PM	Redlands	94	81.3	94.1	68.9	88.5
8/17/2018	2:00:00 PM	Redlands	102	85.0	94.1	68.9	91.3
8/17/2018	3:00:00 PM	Redlands	96	85.1	94.1	68.9	94.1
8/17/2018	4:00:00 PM	Redlands	91	81.9	94.1	68.9	92.4
8/17/2018	5:00:00 PM	Redlands	85	75.8	94.1	68.9	90.7
8/17/2018	6:00:00 PM	Redlands	73	68.4	94.1	68.9	89.1
8/18/2018	11:00:00 AM	Redlands	76	65.0	94.0	68.7	82.8
8/18/2018	12:00:00 PM	Redlands	88	71.4	94.0	68.7	85.6
8/18/2018	1:00:00 PM	Redlands	91	76.2	94.0	68.7	88.4
8/18/2018	2:00:00 PM	Redlands	87	77.7	94.0	68.7	91.2
8/18/2018	3:00:00 PM	Redlands	82	76.3	94.0	68.7	94.0
8/18/2018	4:00:00 PM	Redlands	76	72.6	94.0	68.7	92.3
8/18/2018	5:00:00 PM	Redlands	73	65.4	94.0	68.7	90.6
8/19/2018	10:00:00 AM	Redlands	71	62.8	95.2	67.5	79.8
8/19/2018	11:00:00 AM	Redlands	79	71.2	95.2	67.5	82.9
8/19/2018	12:00:00 PM	Redlands	89	77.6	95.2	67.5	86.0
8/19/2018	1:00:00 PM	Redlands	97	81.4	95.2	67.5	89.0
8/19/2018	2:00:00 PM	Redlands	93	82.1	95.2	67.5	92.1
8/19/2018	3:00:00 PM	Redlands	91	79.9	95.2	67.5	95.2
8/19/2018	4:00:00 PM	Redlands	82	75.9	95.2	67.5	93.4
8/19/2018	5:00:00 PM	Redlands	74	70.1	95.2	67.5	91.5
8/19/2018	6:00:00 PM	Redlands	63	62.6	95.2	67.5	89.7
8/20/2018	11:00:00 AM	Redlands	77	65.6	92.0	68.2	81.4

2018 Roubidoux Ozone - O3@60+ppb

8/20/2018	12:00:00 PM	Redlands	90	73.1	92.0	68.2	84.1
8/20/2018	1:00:00 PM	Redlands	90	77.4	92.0	68.2	86.7
8/20/2018	2:00:00 PM	Redlands	90	77.7	92.0	68.2	89.4
8/20/2018	3:00:00 PM	Redlands	96	75.0	92.0	68.2	92.0
8/20/2018	4:00:00 PM	Redlands	85	69.9	92.0	68.2	90.4
8/20/2018	5:00:00 PM	Redlands	64	62.8	92.0	68.2	88.8
8/21/2018	12:00:00 PM	Redlands	84	68.2	94.4	66.1	85.0
8/21/2018	1:00:00 PM	Redlands	87	73.9	94.4	66.1	88.1
8/21/2018	2:00:00 PM	Redlands	83	76.7	94.4	66.1	91.3
8/21/2018	3:00:00 PM	Redlands	89	76.8	94.4	66.1	94.4
8/21/2018	4:00:00 PM	Redlands	89	74.1	94.4	66.1	92.5
8/21/2018	5:00:00 PM	Redlands	75	68.9	94.4	66.1	90.6
8/21/2018	6:00:00 PM	Redlands	62	62.3	94.4	66.1	88.7
8/22/2018	12:00:00 PM	Redlands	72	64.1	92.8	65.9	83.8
8/22/2018	1:00:00 PM	Redlands	80	67.7	92.8	65.9	86.8
8/22/2018	2:00:00 PM	Redlands	85	68.9	92.8	65.9	89.8
8/22/2018	3:00:00 PM	Redlands	80	68.3	92.8	65.9	92.8
8/22/2018	4:00:00 PM	Redlands	74	65.8	92.8	65.9	91.0
8/22/2018	5:00:00 PM	Redlands	58	61.7	92.8	65.9	89.2
8/23/2018	12:00:00 PM	Redlands	68	63.9	91.5	64.3	82.4
8/23/2018	1:00:00 PM	Redlands	78	68.0	91.5	64.3	85.5
8/23/2018	2:00:00 PM	Redlands	89	70.6	91.5	64.3	88.5
8/23/2018	3:00:00 PM	Redlands	86	69.8	91.5	64.3	91.5
8/23/2018	4:00:00 PM	Redlands	74	67.6	91.5	64.3	89.7
8/23/2018	5:00:00 PM	Redlands	68	62.7	91.5	64.3	87.9
8/24/2018	12:00:00 PM	Redlands	70	64.0	88.6	63.3	80.2
8/24/2018	1:00:00 PM	Redlands	74	69.0	88.6	63.3	83.0
8/24/2018	2:00:00 PM	Redlands	81	71.6	88.6	63.3	85.8
8/24/2018	3:00:00 PM	Redlands	88	71.7	88.6	63.3	88.6
8/24/2018	4:00:00 PM	Redlands	85	69.8	88.6	63.3	86.9
8/24/2018	5:00:00 PM	Redlands	72	66.4	88.6	63.3	85.2
8/24/2018	6:00:00 PM	Redlands	61	61.7	88.6	63.3	83.5
8/25/2018	11:00:00 AM	Redlands	81	66.8	88.5	63.3	77.3
8/25/2018	12:00:00 PM	Redlands	88	74.3	88.5	63.3	80.1
8/25/2018	1:00:00 PM	Redlands	90	80.2	88.5	63.3	82.9
8/25/2018	2:00:00 PM	Redlands	83	82.3	88.5	63.3	85.7
8/25/2018	3:00:00 PM	Redlands	90	82.0	88.5	63.3	88.5
8/25/2018	4:00:00 PM	Redlands	90	78.8	88.5	63.3	86.8
8/25/2018	5:00:00 PM	Redlands	86	73.8	88.5	63.3	85.1
8/25/2018	6:00:00 PM	Redlands	68	67.6	88.5	63.3	83.5
8/25/2018	7:00:00 PM	Redlands	62	61.2	88.5	63.3	81.8
8/26/2018	12:00:00 PM	Redlands	80	65.8	88.3	62.6	79.7
8/26/2018	1:00:00 PM	Redlands	79	71.6	88.3	62.6	82.6
8/26/2018	2:00:00 PM	Redlands	74	75.2	88.3	62.6	85.4

2018 Roubidoux Ozone - O3@60+ppb

8/26/2018	3:00:00 PM Redlands	79	76.1	88.3	62.6	88.3
8/26/2018	4:00:00 PM Redlands	85	74.0	88.3	62.6	86.6
8/26/2018	5:00:00 PM Redlands	81	69.1	88.3	62.6	84.9
8/26/2018	6:00:00 PM Redlands	74	62.9	88.3	62.6	83.2
8/27/2018	12:00:00 PM Redlands	75	65.9	87.8	62.4	79.3
8/27/2018	1:00:00 PM Redlands	84	72.8	87.8	62.4	82.2
8/27/2018	2:00:00 PM Redlands	84	75.9	87.8	62.4	85.0
8/27/2018	3:00:00 PM Redlands	86	76.8	87.8	62.4	87.8
8/27/2018	4:00:00 PM Redlands	89	75.3	87.8	62.4	86.1
8/27/2018	5:00:00 PM Redlands	90	71.1	87.8	62.4	84.4
8/27/2018	6:00:00 PM Redlands	67	64.8	87.8	62.4	82.7
8/28/2018	1:00:00 PM Redlands	71	64.3	87.4	60.6	81.4
8/28/2018	2:00:00 PM Redlands	77	66.6	87.4	60.6	84.4
8/28/2018	3:00:00 PM Redlands	73	66.9	87.4	60.6	87.4
8/28/2018	4:00:00 PM Redlands	82	64.8	87.4	60.6	85.6
8/28/2018	5:00:00 PM Redlands	73	60.8	87.4	60.6	83.8
8/29/2018	1:00:00 PM Redlands	42	60.9	91.9	62.5	85.4
8/29/2018	2:00:00 PM Redlands	57	61.7	91.9	62.5	88.6
8/30/2018	12:00:00 PM Redlands	62	63.6	94.2	61.4	83.3
8/30/2018	1:00:00 PM Redlands	69	67.0	94.2	61.4	86.9
8/30/2018	2:00:00 PM Redlands	77	68.3	94.2	61.4	90.6
8/30/2018	3:00:00 PM Redlands	87	67.3	94.2	61.4	94.2
8/30/2018	4:00:00 PM Redlands	87	64.2	94.2	61.4	92.0
8/30/2018	5:00:00 PM Redlands	67	60.1	94.2	61.4	89.8
8/31/2018	11:00:00 AM Redlands	61	62.3	91.9	60.1	77.8
8/31/2018	12:00:00 PM Redlands	75	70.8	91.9	60.1	81.3
8/31/2018	1:00:00 PM Redlands	86	75.8	91.9	60.1	84.8
8/31/2018	2:00:00 PM Redlands	92	79.0	91.9	60.1	88.4
8/31/2018	3:00:00 PM Redlands	95	80.0	91.9	60.1	91.9
8/31/2018	4:00:00 PM Redlands	100	78.1	91.9	60.1	89.8
8/31/2018	5:00:00 PM Redlands	80	73.7	91.9	60.1	87.7
8/31/2018	6:00:00 PM Redlands	71	67.8	91.9	60.1	85.5
8/31/2018	7:00:00 PM Redlands	60	60.7	91.9	60.1	83.4
9/1/2018	10:00:00 AM Redlands	70	61.0	85.9	61.8	72.5
9/1/2018	11:00:00 AM Redlands	87	67.4	85.9	61.8	75.2
9/1/2018	12:00:00 PM Redlands	95	72.6	85.9	61.8	77.9
9/1/2018	2:00:00 PM Redlands	89	75.7	85.9	61.8	83.2
9/1/2018	3:00:00 PM Redlands	87	75.8	85.9	61.8	85.9
9/1/2018	4:00:00 PM Redlands	78	72.9	85.9	61.8	84.3
9/1/2018	5:00:00 PM Redlands	67	67.6	85.9	61.8	82.7
9/1/2018	6:00:00 PM Redlands	58	60.4	85.9	61.8	81.1
9/2/2018	1:00:00 PM Redlands	74	60.8	83.1	62.9	78.6
9/2/2018	2:00:00 PM Redlands	81	64.0	83.1	62.9	80.9
9/2/2018	3:00:00 PM Redlands	83	65.3	83.1	62.9	83.1

2018 Roubidoux Ozone - O3@60+ppb

9/2/2018	4:00:00 PM Redlands	75	64.2	83.1	62.9	81.8
9/2/2018	5:00:00 PM Redlands	66	60.3	83.1	62.9	80.4
9/3/2018	2:00:00 PM Redlands	70	62.9	87.7	65.0	85.2
9/3/2018	3:00:00 PM Redlands	71	64.1	87.7	65.0	87.7
9/3/2018	4:00:00 PM Redlands	74	63.2	87.7	65.0	86.2
9/3/2018	5:00:00 PM Redlands	70	60.7	87.7	65.0	84.7
9/4/2018	12:00:00 PM Redlands	73	64.4	87.9	63.6	79.8
9/4/2018	1:00:00 PM Redlands	91	69.1	87.9	63.6	82.5
9/4/2018	2:00:00 PM Redlands	93	71.6	87.9	63.6	85.2
9/4/2018	3:00:00 PM Redlands	90	71.8	87.9	63.6	87.9
9/4/2018	4:00:00 PM Redlands	79	69.6	87.9	63.6	86.3
9/4/2018	5:00:00 PM Redlands	69	64.4	87.9	63.6	84.7
9/5/2018	11:00:00 AM Redlands	68	62.0	88.2	61.6	76.4
9/5/2018	12:00:00 PM Redlands	78	70.1	88.2	61.6	79.3
9/5/2018	1:00:00 PM Redlands	94	75.4	88.2	61.6	82.3
9/5/2018	2:00:00 PM Redlands	100	77.8	88.2	61.6	85.2
9/5/2018	3:00:00 PM Redlands	99	77.2	88.2	61.6	88.2
9/5/2018	4:00:00 PM Redlands	88	73.2	88.2	61.6	86.4
9/5/2018	5:00:00 PM Redlands	69	66.9	88.2	61.6	84.7
9/6/2018	11:00:00 AM Redlands	67	66.0	89.0	61.1	76.6
9/6/2018	12:00:00 PM Redlands	77	74.2	89.0	61.1	79.7
9/6/2018	1:00:00 PM Redlands	92	79.7	89.0	61.1	82.8
9/6/2018	2:00:00 PM Redlands	93	81.3	89.0	61.1	85.9
9/6/2018	3:00:00 PM Redlands	99	80.6	89.0	61.1	89.0
9/6/2018	4:00:00 PM Redlands	96	76.7	89.0	61.1	87.1
9/6/2018	5:00:00 PM Redlands	85	70.3	89.0	61.1	85.3
9/6/2018	6:00:00 PM Redlands	67	61.9	89.0	61.1	83.4
9/7/2018	11:00:00 AM Redlands	75	68.9	97.4	61.6	81.5
9/7/2018	12:00:00 PM Redlands	89	78.0	97.4	61.6	85.5
9/7/2018	1:00:00 PM Redlands	83	84.3	97.4	61.6	89.4
9/7/2018	2:00:00 PM Redlands	96	87.3	97.4	61.6	93.4
9/7/2018	3:00:00 PM Redlands	101	85.2	97.4	61.6	97.4
9/7/2018	4:00:00 PM Redlands	107	80.6	97.4	61.6	95.0
9/7/2018	5:00:00 PM Redlands	99	74.1	97.4	61.6	92.6
9/7/2018	6:00:00 PM Redlands	78	68.2	97.4	61.6	90.2
9/7/2018	8:00:00 PM Redlands	39	60.6	97.4	61.6	85.5
9/8/2018	10:00:00 AM Redlands	69	60.7	102.5	63.7	80.9
9/8/2018	11:00:00 AM Redlands	64	66.2	102.5	63.7	85.3
9/8/2018	12:00:00 PM Redlands	72	73.8	102.5	63.7	89.6
9/8/2018	1:00:00 PM Redlands	69	78.1	102.5	63.7	93.9
9/8/2018	2:00:00 PM Redlands	73	80.0	102.5	63.7	98.2
9/8/2018	3:00:00 PM Redlands	80	78.4	102.5	63.7	102.5
9/8/2018	4:00:00 PM Redlands	107	77.4	102.5	63.7	99.9
9/8/2018	5:00:00 PM Redlands	99	75.1	102.5	63.7	97.3

2018 Roubidoux Ozone - O3@60+ppb

9/8/2018	6:00:00 PM	Redlands	87	72.1	102.5	63.7	94.7
9/8/2018	7:00:00 PM	Redlands	55	68.2	102.5	63.7	92.2
9/8/2018	8:00:00 PM	Redlands	55	63.7	102.5	63.7	89.6
9/9/2018	10:00:00 AM	Redlands	67	61.0	100.2	63.1	79.6
9/9/2018	12:00:00 PM	Redlands	79	64.4	100.2	63.1	87.8
9/9/2018	1:00:00 PM	Redlands	76	67.0	100.2	63.1	92.0
9/9/2018	2:00:00 PM	Redlands	77	67.0	100.2	63.1	96.1
9/9/2018	3:00:00 PM	Redlands	70	63.8	100.2	63.1	100.2
9/10/2018	11:00:00 AM	Redlands	64	62.8	94.4	61.0	79.6
9/10/2018	12:00:00 PM	Redlands	73	67.6	94.4	61.0	83.3
9/10/2018	2:00:00 PM	Redlands	86	68.4	94.4	61.0	90.7
9/10/2018	3:00:00 PM	Redlands	94	67.6	94.4	61.0	94.4
9/10/2018	4:00:00 PM	Redlands	92	64.4	94.4	61.0	92.2
9/11/2018	11:00:00 AM	Redlands	63	63.2	89.2	58.5	75.6
9/11/2018	12:00:00 PM	Redlands	76	71.0	89.2	58.5	79.0
9/11/2018	1:00:00 PM	Redlands	89	75.6	89.2	58.5	82.4
9/11/2018	2:00:00 PM	Redlands	94	77.1	89.2	58.5	85.8
9/11/2018	3:00:00 PM	Redlands	95	76.2	89.2	58.5	89.2
9/11/2018	4:00:00 PM	Redlands	94	73.4	89.2	58.5	87.2
9/11/2018	5:00:00 PM	Redlands	73	68.3	89.2	58.5	85.1
9/11/2018	6:00:00 PM	Redlands	56	60.7	89.2	58.5	83.1
9/12/2018	12:00:00 PM	Redlands	68	62.0	88.8	60.2	79.3
9/12/2018	1:00:00 PM	Redlands	83	67.9	88.8	60.2	82.4
9/12/2018	2:00:00 PM	Redlands	88	71.6	88.8	60.2	85.6
9/12/2018	3:00:00 PM	Redlands	87	72.9	88.8	60.2	88.8
9/12/2018	4:00:00 PM	Redlands	89	71.6	88.8	60.2	86.9
9/12/2018	5:00:00 PM	Redlands	76	66.9	88.8	60.2	85.0
9/12/2018	6:00:00 PM	Redlands	63	60.4	88.8	60.2	83.1
9/15/2018	12:00:00 PM	Redlands	66	61.6	93.3	61.4	82.7
9/15/2018	1:00:00 PM	Redlands	64	65.3	93.3	61.4	86.2
9/15/2018	2:00:00 PM	Redlands	64	66.7	93.3	61.4	89.8
9/15/2018	3:00:00 PM	Redlands	79	65.6	93.3	61.4	93.3
9/15/2018	4:00:00 PM	Redlands	82	63.0	93.3	61.4	91.2
9/15/2018	5:00:00 PM	Redlands	74	60.9	93.3	61.4	89.0
9/17/2018	1:00:00 PM	Redlands	57	60.8	93.0	60.7	85.8
9/17/2018	2:00:00 PM	Redlands	66	61.4	93.0	60.7	89.4
9/17/2018	3:00:00 PM	Redlands	81	60.8	93.0	60.7	93.0
9/18/2018	11:00:00 AM	Redlands	66	62.0	90.6	56.4	75.4
9/18/2018	12:00:00 PM	Redlands	65	67.4	90.6	56.4	79.2
9/18/2018	1:00:00 PM	Redlands	67	69.3	90.6	56.4	83.0
9/18/2018	2:00:00 PM	Redlands	76	69.4	90.6	56.4	86.8
9/18/2018	3:00:00 PM	Redlands	88	66.9	90.6	56.4	90.6
9/18/2018	4:00:00 PM	Redlands	81	63.2	90.6	56.4	88.3
9/19/2018	12:00:00 PM	Redlands	68	64.9	90.8	57.1	79.6

2018 Roubidoux Ozone - O3@60+ppb

9/19/2018	1:00:00 PM Redlands	71	69.1	90.8	57.1	83.3
9/19/2018	2:00:00 PM Redlands	72	70.8	90.8	57.1	87.1
9/19/2018	3:00:00 PM Redlands	82	69.4	90.8	57.1	90.8
9/19/2018	4:00:00 PM Redlands	86	65.7	90.8	57.1	88.6
9/19/2018	5:00:00 PM Redlands	76	61.4	90.8	57.1	86.3
9/20/2018	12:00:00 PM Redlands	58	63.6	88.9	60.4	79.4
9/20/2018	1:00:00 PM Redlands	68	65.2	88.9	60.4	82.6
9/20/2018	2:00:00 PM Redlands	75	65.0	88.9	60.4	85.7
9/20/2018	3:00:00 PM Redlands	86	63.6	88.9	60.4	88.9
9/20/2018	4:00:00 PM Redlands	76	61.0	88.9	60.4	87.0
9/21/2018	12:00:00 PM Redlands	70	66.0	89.9	60.6	80.1
9/21/2018	1:00:00 PM Redlands	80	70.6	89.9	60.6	83.4
9/21/2018	2:00:00 PM Redlands	80	72.1	89.9	60.6	86.6
9/21/2018	3:00:00 PM Redlands	83	71.3	89.9	60.6	89.9
9/21/2018	4:00:00 PM Redlands	87	68.6	89.9	60.6	87.9
9/21/2018	5:00:00 PM Redlands	77	63.6	89.9	60.6	86.0
9/22/2018	12:00:00 PM Redlands	62	63.8	97.1	63.3	85.8
9/22/2018	1:00:00 PM Redlands	68	69.7	97.1	63.3	89.6
9/22/2018	2:00:00 PM Redlands	72	71.6	97.1	63.3	93.3
9/22/2018	3:00:00 PM Redlands	69	69.3	97.1	63.3	97.1
9/22/2018	4:00:00 PM Redlands	88	65.3	97.1	63.3	94.8
9/22/2018	5:00:00 PM Redlands	88	61.7	97.1	63.3	92.6
9/23/2018	1:00:00 PM Redlands	66	61.2	88.2	62.7	82.5
9/23/2018	2:00:00 PM Redlands	61	63.0	88.2	62.7	85.4
9/23/2018	3:00:00 PM Redlands	63	62.7	88.2	62.7	88.2
9/23/2018	4:00:00 PM Redlands	70	61.0	88.2	62.7	86.5
9/24/2018	1:00:00 PM Redlands	71	60.6	81.8	57.8	76.5
9/24/2018	2:00:00 PM Redlands	75	62.0	81.8	57.8	79.1
9/24/2018	3:00:00 PM Redlands	75	60.9	81.8	57.8	81.8
9/26/2018	12:00:00 PM Redlands	60	61.2	94.4	58.1	82.3
9/26/2018	1:00:00 PM Redlands	75	65.9	94.4	58.1	86.3
9/26/2018	2:00:00 PM Redlands	71	67.2	94.4	58.1	90.4
9/26/2018	3:00:00 PM Redlands	80	66.2	94.4	58.1	94.4
9/26/2018	4:00:00 PM Redlands	79	64.6	94.4	58.1	92.0
9/26/2018	5:00:00 PM Redlands	72	61.6	94.4	58.1	89.6
9/28/2018	11:00:00 AM Redlands	65	62.6	90.0	60.6	76.9
9/28/2018	12:00:00 PM Redlands	76	68.4	90.0	60.6	80.2
9/28/2018	1:00:00 PM Redlands	91	70.9	90.0	60.6	83.5
9/28/2018	2:00:00 PM Redlands	96	68.9	90.0	60.6	86.7
9/28/2018	3:00:00 PM Redlands	82	65.3	90.0	60.6	90.0
9/28/2018	4:00:00 PM Redlands	71	60.7	90.0	60.6	88.0
10/21/2018	1:00:00 PM Redlands	67	60.1	82.5	54.7	76.3
10/21/2018	2:00:00 PM Redlands	72	60.8	82.5	54.7	79.4
10/27/2018	11:00:00 AM Redlands	72	62.0	91.3	54.4	74.9

2018 Roubidoux Ozone - O3@60+ppb

10/27/2018	12:00:00 PM Redlands	74	68.7	91.3	54.4	79.0
10/27/2018	1:00:00 PM Redlands	76	72.0	91.3	54.4	83.1
10/27/2018	2:00:00 PM Redlands	77	71.4	91.3	54.4	87.2
10/27/2018	3:00:00 PM Redlands	83	69.3	91.3	54.4	91.3
10/27/2018	4:00:00 PM Redlands	87	65.3	91.3	54.4	88.8
10/27/2018	5:00:00 PM Redlands	69	60.8	91.3	54.4	86.4
10/28/2018	12:00:00 PM Redlands	62	62.3	87.7	54.1	76.5
10/28/2018	1:00:00 PM Redlands	65	64.1	87.7	54.1	80.2
10/28/2018	2:00:00 PM Redlands	64	63.6	87.7	54.1	84.0
10/28/2018	3:00:00 PM Redlands	71	60.9	87.7	54.1	87.7
	2:25:32 PM	80.8	71.4	94.5	65.4	89.0

2018RoubidouxOzone - Temps

Date	High	Low	Diff
1/1/2018	75.1	40.1	35
1/2/2018	82	47.8	34.2
1/3/2018	75.2	51.1	24.1
1/4/2018	75.3	44.5	30.8
1/5/2018	73.3	47.9	25.4
1/6/2018	71.2	51.8	19.4
1/7/2018	73.9	46.3	27.6
1/8/2018	65.1	57.5	7.6
1/9/2018	58	51.1	6.9
1/10/2018	60.3	46.2	14.1
1/11/2018	71.7	45.9	25.8
1/12/2018	75.7	46.6	29.1
1/13/2018	79.5	52.5	27
1/14/2018	79.1	53.6	25.5
1/15/2018	74.4	45.1	29.3
1/16/2018	70.2	47.7	22.5
1/17/2018	79.1	46.3	32.8
1/18/2018	77.9	48.6	29.3
1/19/2018	64	47.1	16.9
1/20/2018	58.8	42.4	16.4
1/21/2018	60.2	33.4	26.8
1/22/2018	66.6	36.1	30.5
1/23/2018	72.8	39.6	33.2
1/24/2018	73.7	39.9	33.8
1/25/2018	59.7	37.4	22.3
1/26/2018	65.8	37.3	28.5
1/27/2018	70.8	35.8	35
1/28/2018	80	58.3	21.7
1/29/2018	83	58	25
1/30/2018	79.7	50.2	29.5
1/31/2018	80.8	43.1	37.7
2/1/2018	81.4	43.5	37.9
2/2/2018	83.6	46.9	36.7
2/3/2018	82.9	45.9	37
2/4/2018	84.4	46.9	37.5
2/5/2018	79.5	47.2	32.3
2/6/2018	80.5	43.9	36.6
2/7/2018	80.9	51.7	29.2
2/8/2018	83.4	47.3	36.1
2/9/2018	80	46.3	33.7
2/10/2018	62	45.5	16.5
2/11/2018	72.8	45.8	27
2/12/2018	61.3	46.5	14.8
2/13/2018	64	41.2	22.8
2/14/2018	65.6	46.3	19.3
2/15/2018	70.9	46.8	24.1

2018RoubidouxOzone - Temps

2/16/2018	71.4	47.8	23.6
2/17/2018	75.6	38.7	36.9
2/18/2018	67.8	41.3	26.5
2/19/2018	55.3	39.5	15.8
2/20/2018	59.1	30.5	28.6
2/21/2018	58.4	39.4	19
2/22/2018	57.1	34.1	23
2/23/2018	56	41.1	14.9
2/24/2018	60.3	30.4	29.9
2/25/2018	67	32.7	34.3
2/26/2018	65.1	35.8	29.3
2/27/2018	51	38.4	12.6
2/28/2018	58.6	34.2	24.4
3/1/2018	61.5	38.3	23.2
3/2/2018	58.8	42.4	16.4
3/3/2018	57.1	46.7	10.4
3/4/2018	60.6	38.1	22.5
3/5/2018	69.3	40.1	29.2
3/6/2018	77	47.6	29.4
3/7/2018	71.7	43.4	28.3
3/8/2018	75.9	47.7	28.2
3/9/2018	73.2	45.8	27.4
3/10/2018	59.8	52.5	7.3
3/11/2018	69.3	54.6	14.7
3/12/2018	75.6	53.9	21.7
3/13/2018	71	53.2	17.8
3/14/2018	62.3	52.4	9.9
3/15/2018	61.6	49.2	12.4
3/16/2018	59.2	43.9	15.3
3/17/2018	59.1	46.1	13
3/18/2018	61.9	40.3	21.6
3/19/2018	72.1	41.6	30.5
3/20/2018	74.3	48.9	25.4
3/21/2018	69.4	49.5	19.9
3/22/2018	62.9	54.4	8.5
3/23/2018	68.6	52.9	15.7
3/24/2018	63.5	50.3	13.2
3/25/2018	62.2	44.2	18
3/26/2018	68	39.5	28.5
3/27/2018	73.1	41.6	31.5
3/28/2018	78.1	43.6	34.5
3/29/2018	81.7	46.7	35
3/30/2018	88	49.9	38.1
3/31/2018	81.6	49.9	31.7
4/1/2018	74.6	51.3	23.3
4/2/2018	66.4	50.9	15.5
4/3/2018	74.5	53.5	21

2018RoubidouxOzone - Temps

4/4/2018	76	49.3	26.7
4/5/2018	74.8	51.1	23.7
4/6/2018	73.5	52	21.5
4/7/2018	77.1	53.7	23.4
4/8/2018	80	57.7	22.3
4/9/2018	93.9	51.6	42.3
4/10/2018	92.6	56.8	35.8
4/11/2018	83.8	55.7	28.1
4/12/2018	70.9	52.1	18.8
4/13/2018	80.3	52.3	28
4/14/2018	85.4	48.5	36.9
4/15/2018	80.3	48.3	32
4/16/2018	66.2	49	17.2
4/17/2018	72	42	30
4/18/2018	75.3	44	31.3
4/19/2018	59.5	46.8	12.7
4/20/2018	77.4	42.3	35.1
4/21/2018	88.3	47.4	40.9
4/22/2018	87.8	52.4	35.4
4/23/2018	86.1	51.7	34.4
4/24/2018	83.4	50.8	32.6
4/25/2018	80.8	49.9	30.9
4/26/2018	78.9	50.2	28.7
4/27/2018	75.7	51.6	24.1
4/28/2018	73.7	47	26.7
4/29/2018	70.5	53.3	17.2
4/30/2018	64.5	54.9	9.6
5/1/2018	54.5	50.9	3.6
5/2/2018	59.6	49.4	10.2
5/3/2018	78.7	50.7	28
5/4/2018	91.4	51.6	39.8
5/5/2018	95.8	54.2	41.6
5/6/2018	92.3	58	34.3
5/7/2018	87.1	53.8	33.3
5/8/2018	86	54	32
5/9/2018	87.3	55.3	32
5/10/2018	83.2	55.3	27.9
5/11/2018	65.4	56.6	8.8
5/12/2018	64.6	53	11.6
5/13/2018	69.9	55.1	14.8
5/14/2018	74.2	49.1	25.1
5/15/2018	76	49.2	26.8
5/16/2018	78.8	49.5	29.3
5/17/2018	74.8	51.8	23
5/18/2018	73.4	55.8	17.6
5/19/2018	71.8	54.8	17
5/20/2018	71.8	58.6	13.2

2018RoubidouxOzone - Temps

5/21/2018	66.8	56.5	10.3
5/22/2018	69.9	55.3	14.6
5/23/2018	72.8	55.5	17.3
5/24/2018	70.5	57.2	13.3
5/25/2018	71.3	56	15.3
5/26/2018	68.7	53.1	15.6
5/27/2018	78.2	52.7	25.5
5/28/2018	84.7	52.9	31.8
5/29/2018	83.8	57	26.8
5/30/2018	75.3	59	16.3
5/31/2018	75.1	57.7	17.4
6/1/2018	82.7	51.5	31.2
6/2/2018	87.8	54	33.8
6/3/2018	93.1	56.2	36.9
6/4/2018	89	56	33
6/5/2018	80.7	56.4	24.3
6/6/2018	82.5	59.3	23.2
6/7/2018	84.1	53.5	30.6
6/8/2018	91.7	56.3	35.4
6/9/2018	88.3	59.2	29.1
6/10/2018	88.4	58.6	29.8
6/11/2018	92.3	60.5	31.8
6/12/2018	95.2	61.6	33.6
6/13/2018	95.6	62.1	33.5
6/14/2018	95.1	60.6	34.5
6/15/2018	91.6	62.7	28.9
6/16/2018	76.1	60	16.1
6/17/2018	72.5	58.5	14
6/18/2018	78.7	59.4	19.3
6/19/2018	85.3	54.6	30.7
6/20/2018	92	58.3	33.7
6/21/2018	91.5	59.2	32.3
6/22/2018	93.8	61.5	32.3
6/23/2018	83.6	60.4	23.2
6/24/2018	85.8	59	26.8
6/25/2018	90	55.8	34.2
6/26/2018	91.9	57.8	34.1
6/27/2018	90.8	59.1	31.7
6/28/2018	87.9	57.4	30.5
6/29/2018	83.8	59.4	24.4
6/30/2018	84.9	59.9	25
7/1/2018	87.9	58.4	29.5
7/2/2018	87.6	59.2	28.4
7/3/2018	85.9	61.5	24.4
7/4/2018	92.4	57.5	34.9
7/5/2018	100.9	59.7	41.2
7/6/2018	114.6	69.4	45.2

2018RoubidouxOzone - Temps

7/7/2018	109.7	81.2	28.5
7/8/2018	103.6	74.1	29.5
7/9/2018	99.4	75.9	23.5
7/10/2018	95.8	76.5	19.3
7/11/2018	96.6	71.5	25.1
7/12/2018	96.6	71.4	25.2
7/13/2018	98	68.7	29.3
7/14/2018	97.5	68.4	29.1
7/15/2018	97.1	69.3	27.8
7/16/2018	94.8	66.9	27.9
7/17/2018	95.6	66.4	29.2
7/18/2018	93.2	68.3	24.9
7/19/2018	96.2	69	27.2
7/20/2018	89.9	68.7	21.2
7/21/2018	93.6	66.2	27.4
7/22/2018	97.9	66.6	31.3
7/23/2018	104.2	70.6	33.6
7/24/2018	104.8	72.9	31.9
7/25/2018	104.2	73	31.2
7/26/2018	100.1	71	29.1
7/27/2018	100.4	66.8	33.6
7/28/2018	96.6	66.5	30.1
7/29/2018	100.1	69.8	30.3
7/30/2018	98.3	73.5	24.8
7/31/2018	100.6	72.5	28.1
8/1/2018	100.2	72.6	27.6
8/2/2018	96.9	73.5	23.4
8/3/2018	98.8	71.4	27.4
8/4/2018	98.4	69.9	28.5
8/5/2018	98.4	65.7	32.7
8/6/2018	104.4	66.8	37.6
8/7/2018	102.5	72	30.5
8/8/2018	96	70.7	25.3
8/9/2018	101.6	69.8	31.8
8/10/2018	94.6	74.2	20.4
8/11/2018	93.2	69.8	23.4
8/12/2018	92.9	70.1	22.8
8/13/2018	92.4	68.1	24.3
8/14/2018	91	65.1	25.9
8/15/2018	92.6	65.4	27.2
8/16/2018	93.5	68	25.5
8/17/2018	94.1	68.9	25.2
8/18/2018	94	68.7	25.3
8/19/2018	95.2	67.5	27.7
8/20/2018	92	68.2	23.8
8/21/2018	94.4	66.1	28.3
8/22/2018	92.8	65.9	26.9

2018RoubidouxOzone - Temps

8/23/2018	91.5	64.3	27.2
8/24/2018	88.6	63.3	25.3
8/25/2018	88.5	63.3	25.2
8/26/2018	88.3	62.6	25.7
8/27/2018	87.8	62.4	25.4
8/28/2018	87.4	60.6	26.8
8/29/2018	91.9	62.5	29.4
8/30/2018	94.2	61.4	32.8
8/31/2018	91.9	60.1	31.8
9/1/2018	85.9	61.8	24.1
9/2/2018	83.1	62.9	20.2
9/3/2018	87.7	65	22.7
9/4/2018	87.9	63.6	24.3
9/5/2018	88.2	61.6	26.6
9/6/2018	89	61.1	27.9
9/7/2018	97.4	61.6	35.8
9/8/2018	102.5	63.7	38.8
9/9/2018	100.2	63.1	37.1
9/10/2018	94.4	61	33.4
9/11/2018	89.2	58.5	30.7
9/12/2018	88.8	60.2	28.6
9/13/2018	93.2	59	34.2
9/14/2018	96.6	59.8	36.8
9/15/2018	93.3	61.4	31.9
9/16/2018	92.2	60.6	31.6
9/17/2018	93	60.7	32.3
9/18/2018	90.6	56.4	34.2
9/19/2018	90.8	57.1	33.7
9/20/2018	88.9	60.4	28.5
9/21/2018	89.9	60.6	29.3
9/22/2018	97.1	63.3	33.8
9/23/2018	88.2	62.7	25.5
9/24/2018	81.8	57.8	24
9/25/2018	81.5	59.4	22.1
9/26/2018	94.4	58.1	36.3
9/27/2018	99.4	61.6	37.8
9/28/2018	90	60.6	29.4
9/29/2018	87.3	61.2	26.1
9/30/2018	91.9	60.5	31.4
10/1/2018	89.7	66.6	23.1
10/2/2018	82.5	67.4	15.1
10/3/2018	77.3	62.6	14.7
10/4/2018	77.1	62.3	14.8
10/5/2018	79.3	59.8	19.5
10/6/2018	72.9	57.8	15.1
10/7/2018	78.1	57.3	20.8
10/8/2018	79.5	56.8	22.7

2018RoubidouxOzone - Temps

10/9/2018	77.6	57.5	20.1
10/10/2018	74.6	55.8	18.8
10/11/2018	73.7	59.4	14.3
10/12/2018	85.5	53.4	32.1
10/13/2018	62.1	60.2	1.9
10/14/2018	73.6	59.4	14.2
10/15/2018	74.8	59	15.8
10/16/2018	79.5	52.7	26.8
10/17/2018	81.6	52.3	29.3
10/18/2018	85.3	51.3	34
10/19/2018	85.8	58.4	27.4
10/20/2018	87.6	55	32.6
10/21/2018	82.5	54.7	27.8
10/22/2018	79.3	52.8	26.5
10/23/2018	82.1	54.5	27.6
10/24/2018	83.8	54.4	29.4
10/25/2018	83.4	53.4	30
10/26/2018	91.3	54.1	37.2
10/27/2018	91.3	54.4	36.9
10/28/2018	87.7	54.1	33.6
10/29/2018	81.6	53.1	28.5
10/30/2018	77.9	53.5	24.4
10/31/2018	79.9	58.1	21.8
11/1/2018	83.8	52.3	31.5
11/2/2018	87.2	55	32.2
11/3/2018	88.4	52.9	35.5
11/4/2018	84.9	56	28.9
11/5/2018	81	50.3	30.7
11/6/2018	75.2	54.5	20.7
11/7/2018	70.9	52.8	18.1
11/8/2018	78.9	54.2	24.7
11/9/2018	75.7	50.6	25.1
11/10/2018	77.8	42	35.8
11/11/2018	74.8	41.1	33.7
11/12/2018	73.2	44.7	28.5
11/13/2018	72.6	51.8	20.8
11/14/2018	76.9	51.1	25.8
11/15/2018	78.8	45.6	33.2
11/16/2018	75.5	45.7	29.8
11/17/2018	71.9	43	28.9
11/18/2018	76.8	45.7	31.1
11/19/2018	75.9	47.2	28.7
11/20/2018	72.3	43.6	28.7
11/21/2018	69.8	45.5	24.3
11/22/2018	64.5	52.6	11.9
11/23/2018	63.6	47.9	15.7
11/24/2018	67.1	49	18.1

2018RoubidouxOzone - Temps

11/25/2018	74.4	46.7	27.7
11/26/2018	75.2	49.3	25.9
11/27/2018	76.6	46.3	30.3
11/28/2018	68.1	43.3	24.8
11/29/2018	58.7	49	9.7
11/30/2018	61.4	50	11.4
12/1/2018	60.7	43.6	17.1
12/2/2018	59.9	41.8	18.1
12/3/2018	65.2	40.4	24.8
12/4/2018	67.8	47.2	20.6
12/5/2018	52.7	40.7	12
12/6/2018	53.5	49.5	4
12/7/2018	64.5	48.8	15.7
12/8/2018	70.4	41.5	28.9
12/9/2018	71.5	45.1	26.4
12/10/2018	66.5	49.8	16.7
12/11/2018	68.8	47.4	21.4
12/12/2018	65	41.8	23.2
12/13/2018	74.6	40.4	34.2
12/14/2018	67.1	47.9	19.2
12/15/2018	74	43.4	30.6
12/16/2018	72.3	39.8	32.5
12/17/2018	63.2	48.2	15
12/18/2018	65.4	48.1	17.3
12/19/2018	74.8	43.5	31.3
12/20/2018	78.8	43.2	35.6
12/21/2018	69.6	47.8	21.8
12/22/2018	70.4	41.3	29.1
12/23/2018	69.3	40.9	28.4
12/24/2018	68.3	40.6	27.7
12/25/2018	60.4	47.5	12.9
12/26/2018	62.9	45	17.9
12/27/2018	60.4	39.5	20.9
12/28/2018	55.1	43.9	11.2
12/29/2018	60.1	37.6	22.5
12/30/2018	61.8	34.9	26.9
12/31/2018	56	41.2	14.8