

*** **DRAFT DATA** ***

2016 8-Hour Ozone (updated through June 30, 2016)

AQS Number	Site Name	1st Max 8-Hour (ppm)	Date 1st Max 8-Hour	2nd Max 8-Hour (ppm)	Date 2nd Max 8-Hour	3rd Max 8-Hour (ppm)	Date 3rd Max 8-Hour	4th Max 8-Hour (ppm)	Date 4th Max 8-Hour	5th Max 8-Hour (ppm)	Date 5th Max 8-Hour
08-001-3001	Welby	0.072	06/16	0.067	06/27	0.065	06/19	0.063	06/26	0.061	04/21
08-005-0002	Highland	0.072	06/16	0.071	06/27	0.069	06/17	0.065	04/21	0.063	05/05
08-005-0006	Aurora East	0.070	06/16	0.066	04/18	0.064	04/21	0.063	06/27	0.062	04/22
08-019-0006	Mines Peak (non-regulatory)	0.073	04/21	0.066	03/19	0.066	04/25	0.065	04/26	0.064	04/22
08-031-0002	CAMP	0.074	06/16	0.071	06/27	0.070	06/19	0.065	06/25	0.063	06/18
08-031-0026	La Casa	0.073	06/16	0.071	06/27	0.069	06/26	0.066	06/19	0.065	06/18
08-035-0004	Chatfield State Park	0.076	06/27	0.075	06/16	0.074	06/17	0.069	04/21	0.067	06/28
08-041-0013	Colo. Spgs. – USAF Academy	0.078	06/16	0.070	05/03	0.069	04/23	0.069	05/04	0.068	05/25
08-041-0016	Manitou Springs	0.068	06/16	0.067	05/03	0.066	04/25	0.066	04/26	0.065	04/23
08-045-0012	Rifle – Health	0.066	06/15	0.060	05/21	0.060	05/24	0.060	05/25	0.060	05/26
08-059-0005	Welch	0.082	06/27	0.074	06/16	0.071	06/17	0.067	06/28	0.065	06/02
08-059-0006	Rocky Flats - N	0.082	06/16	0.079	06/18	0.078	06/27	0.076	06/28	0.071	06/26
08-059-0011	NREL	0.086	06/16	0.083	06/27	0.076	06/19	0.075	06/26	0.074	06/28
08-059-0013	Aspen Park	0.081	06/16	0.075	06/27	0.070	06/17	0.065	06/19	0.064	05/03
08-069-0007	NPS - Rocky Mtn. NP	0.080	06/18	0.077	06/15	0.072	06/16	0.069	05/15	0.069	06/28
08-069-0011	Ft. Collins - West	0.086	06/16	0.079	06/18	0.074	06/21	0.072	06/15	0.072	06/28
08-069-1004	Ft. Collins - CSU	0.074	06/18	0.072	06/16	0.070	06/21	0.066	06/15	0.065	06/26
08-077-0020	Palisade - Water	0.066	06/15	0.063	04/25	0.063	05/05	0.063	05/20	0.063	05/22
08-081-0003	Elk Springs	0.060	05/07	0.059	04/21	0.057	04/25	0.057	05/05	0.056	04/22
08-083-0006	Cortez	0.066	06/28	0.065	05/29	0.065	06/18	0.064	05/25	0.064	06/15
08-085-0005	Paradox	0.065	06/15	0.062	04/23	0.062	04/25	0.062	05/25	0.061	05/23
08-123-0009	Greeley - Weld Tower	0.079	06/16	0.067	06/26	0.066	06/15	0.066	06/24	0.065	04/21

NOTE: Values above the level of the 8-hour standard (0.070 ppm) are highlighted in yellow.

NOTE: Data influenced by natural event values, if any, are included.

The 8-hour ozone standard is written such that attainment is met if the 3-year average of the 4th maximum value from each of the 3 years is less than or equal to 0.070 ppm. Thus, by looking at the 4th maximum values from the previous 2 years, it is possible to see what the highest 4th maximum level for the current year could be and still remain in attainment of the standard.

This table provides information on the 4th maximum values for 2014 and 2015, the current 4th maximum value for 2016, the current 3-year average, and the maximum possible level for 2016 in order to remain in attainment of the ozone standard. Based on the current values, maximum possible levels for 2017 are also included.

3-Year Average 4th Maximum Ozone Values

Site Name	AQS #	<u>2014</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2015</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2016 (thru 6/30)</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2014 - 2016</u> 3-Year Average 4 th Maximum Value (ppm)	<u>2016</u> Highest Allowable 4 th Maximum 8-Hour Average Value (ppm)	<u>2017</u> Highest Allowable 4 th Maximum 8-Hour Average Value (ppm)
Welby	08-001-3001	0.067	0.069	0.063	0.066	0.076	0.080
Highland	08-005-0002	---	---	0.065	---	---	---
Aurora East	08-005-0006	0.067	0.068	0.063	0.066	0.077	0.081
Mines Peak (non-regulatory)	08-019-0006	0.069	0.069	0.065	0.067	0.074	0.078
CAMP	08-031-0002	0.061	0.067	0.065	0.064	0.084	0.080
La Casa	08-031-0026	0.066	0.071	0.066	0.067	0.075	0.075
Chatfield State Park	08-035-0004	0.074	0.081	0.069	0.074	0.057	0.062
Colo. Spg. - USAF Academy	08-041-0013	0.064	0.067	0.069	0.066	0.081	0.076
Manitou Springs	08-041-0016	0.062	0.065	0.066	0.064	0.085	0.081
Rifle - Health	08-045-0012	0.061	0.068	0.060	0.063	0.083	0.084
Welch	08-059-0005	0.066	0.075	0.067	0.069	0.071	0.070
Rocky Flats North	08-059-0006	0.077	0.077	0.076	0.076	0.058	0.059
NREL	08-059-0011	0.076	0.081	0.075	0.077	0.055	0.056
Aspen Park	08-059-0013	0.065	0.070	0.065	0.066	0.077	0.077
NPS - Rocky Mtn	08-069-0007	0.069	0.069	0.069	0.069	0.074	0.074
Fort Collins – West	08-069-0011	0.074	0.075	0.072	0.073	0.063	0.065
Fort Collins – CSU	08-069-1004	0.072	0.069	0.066	0.069	0.071	0.077
Palisade – Water	08-077-0020	0.062	0.065	0.063	0.063	0.085	0.084
Elk Springs	08-081-0003	---	---	0.057	---	---	---
Cortez	08-083-0006	0.062	0.061	0.064	0.062	0.089	0.087
Paradox	08-085-0005	---	---	0.062	---	---	---
Greeley - Weld Tower	08-123-0009	0.070	0.073	0.066	0.069	0.069	0.073

NOTE: Values above the 3-year average 4th maximum 8-hour standard are highlighted in red.

NOTE: Data includes values that may be influenced by natural events.

Monthly Report from CDPHE to the North Front Range Transportation and Air Quality Planning Council

July 2016

The Air Quality Control Commission:

- The Commission held its annual retreat on June 16-17 in Colorado Springs.
 - The Commission re-elected its officers to serve another year in their current roles. Commissioners John Clouse, Jana Milford and Peter Butler, respectively, will serve as Chair, Vice Chair and Secretary.
 - The Commission reviewed the progress made under its Strategic Plan, discussed its long term calendar, and accepted comments from the public on air quality issues. The Commission also toured the Martin Drake power plant, a meteorological tower, and a sulfur dioxide monitor.

The Air Pollution Control Division:

- The Division and the RAQC briefed the Commission on the State Implementation Plan (SIP) for achieving the 2008 ozone standard. On June 30, the RAQC approved the draft SIP for proposal to the AQCC. In July, the Division and APCD will jointly request an AQCC hearing on the SIP and related changes to Colorado's air quality regulations. The Division anticipates that the AQCC will conduct the hearing in October.
- Raw and unverified ozone monitoring data through June 30, 2016 indicates that four sites are not attaining the 2015 NAAQS (70 ppb) and two are not attaining the 2008 NAAQS (75 ppb). The 3-year average 4th maximum values are:
 - Chatfield - 74 ppb
 - Rocky Flats North - 76 ppb
 - NREL - 77 ppb
 - Fort Collins West - 73 ppb
 - Tables showing the 2016 data and 3-year averages are attached
- The Division is evaluating the potential impacts of wildfires and stratospheric intrusion on ozone concentrations. Each fall, the Division determines whether to submit documentation that such "exceptional events" resulted in high ozone concentrations.
- On June 30, 2016, consistent with CDPHE's recommendations, EPA designated the areas of eastern Morgan County (surrounding the Pawnee Generating Station) and Colorado Springs as "unclassifiable" for purposes of the 2010 1-

hour sulfur dioxide (SO₂) National Ambient Air Quality Standard (NAAQS). This completes “Round 2” of a designation schedule that was established by court order. Areas designated unclassifiable do not require SIPs. Colorado’s two unclassifiable areas will also be subject to Round 3 or 4 of the court ordered schedule. All remaining areas of the state must be designated by December 31, 2017 or December 31, 2020. Also on June 30, CDPHE submitted to EPA a letter and Technical Support Document describing how it will evaluate the state’s large sources of SO₂ for purposes of NAAQS designations.



Regional Air Quality Council Report (RAQC)

June 30, 2016

Local Agency Air Quality Projects

- DRCOG allocated \$800K in Congestion Mitigation Air Quality (CMAQ) over two years for Local Agency Air Quality Projects in the DRCOG area
- Five projects were selected that met the CMAQ criteria
- Three of the five projects selected were from Boulder County for transit related improvements
- A project from City of Wheat Ridge was selected for purchase of a Street Sweeper
- A joint project from the City of Lakewood and Bicycle Colorado was selected to provide mobility Education and encouragement in Lakewood
- One project submitted for a plan to implement fast-charge electric vehicle station will be funded from the RAQC's Charge Ahead Colorado program

Public Comments received on Draft 75ppb SIP

- RAQC received comments from the Environmental Defense Fund (EDF) and the Colorado Association of Commerce and Industry (CACI)
 - The EDF stated that ground level ozone poses a serious health threat for Colorado noting that one in ten Coloradoans have asthma
 - EDF also feels more could be done with Oil and Gas emissions and spoke in favor of additional control measures
 - The CACI presented concerns from their members regarding the inclusion of major stationary sources' permit limits and conditions in the SIP
 - RAQC and Air Division Staff feel that EPA requires their inclusion in the SIP
 - CACI also presented concerns from its members affected by the industrial solvent cleaning operations which they felt were unduly restrictive

RAQC Recommendation to the Air Quality Control Commission

- RAQC voted to recommend the SIP to the AQCC with a letter identifying concerns and with all of the public comments received.

New North Front Range Conformity Budgets

- The New SIP includes a lower budget for both the North Front Range MPO area and the DRCOG south area

NFRMPO	NOx	VOC
Previous Budget	20.5	19.5
New Budget	12	8

NFRMPO Outreach in the North Front Range Area

- The MPO expects to have approximately \$12.5K for June 2016 and \$10K for July 1- June 30, 2017 for marketing
- The MPO has purchased bus backs on the Transfort and GET systems and bus tails on the Loveland system.

- The MPO has purchased bags for use at the community events
- The MPO staff will also be attending community events and will be providing Air Quality outreach at the same time as other plans
- The MPO staff will be moving a “banner bug” to locations throughout the MPO