

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

2011 8-Hour Ozone (updated through September 30, 2011)

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	0.089	06/24	0.082	07/18	0.076	06/07	0.075	07/24	0.075	08/20
08-005-0002	Highland	0.087	06/24	0.081	08/13	0.078	07/30	0.078	08/27	0.076	07/18
08-005-0006	Aurora East	0.089	07/16	0.088	07/15	0.079	06/24	0.077	06/07	0.075	07/30
08-013-0011	S. Boulder Creek	0.082	06/24	0.078	07/31	0.076	07/17	0.076	08/12	0.075	07/18
08-031-0014	Carriage	0.090	06/24	0.077	07/24	0.075	06/07	0.075	06/22	0.074	06/15
08-031-0025	Denver - Animal Shelter	0.075	06/24	0.075	07/24	0.070	06/07	0.070	07/18	0.070	08/13
08-035-0004	Chatfield State Park	0.099	06/24	0.084	06/07	0.084	08/13	0.082	08/12	0.081	08/20
08-041-0013	Colo. Spgs. - Academy	0.083	06/22	0.078	06/14	0.077	05/30	0.074	06/07	0.074	07/08
08-041-0016	Manitou Springs	0.080	06/22	0.078	05/30	0.075	05/31	0.075	06/14	0.074	06/24
08-045-0012	Rifle - Health	0.068	06/10	0.068	06/19	0.066	05/30	0.066	06/14	0.065	08/25
08-059-0002	Arvada	0.100	06/24	0.083	07/18	0.079	06/07	0.079	07/24	0.079	07/31
08-059-0005	Welch	0.087	06/24	0.077	06/22	0.077	07/24	0.077	08/12	0.076	06/07
08-059-0006	Rocky Flats - N	0.104	06/24	0.083	08/20	0.082	06/22	0.081	08/12	0.080	07/31
08-059-0011	NREL	0.096	06/24	0.086	07/18	0.083	07/24	0.083	07/31	0.082	08/20
08-059-0013	Aspen Park	0.078	08/13	0.075	06/22	0.074	07/30	0.072	06/07	0.072	06/14
08-069-0007	** NPS - Rocky Mtn. NP	0.080	06/22	0.078	07/25	0.078	08/20	0.077	05/10	0.077	05/31
08-069-0011	Ft. Collins - West	0.086	07/25	0.081	06/24	0.080	06/15	0.080	07/19	0.079	06/28
08-069-0012	Rist Canyon	0.080	07/25	0.075	06/15	0.073	05/10	0.073	06/24	0.073	07/29
08-069-1004	Ft. Collins - CSU	0.071	06/24	0.070	07/25	0.069	07/19	0.068	06/15	0.067	07/17
08-077-0020	Palisade - Water	0.068	06/22	0.068	08/26	0.066	05/07	0.066	05/30	0.066	06/14
08-083-0006	Cortez	0.073	08/26	0.072	07/01	0.072	07/25	0.069	05/07	0.069	08/25
08-123-0009	Greeley - Weld Tower	0.081	07/31	0.078	06/24	0.078	08/25	0.077	06/22	0.077	07/17

NOTES: Values above the level of the 8-hour standard (0.075 ppm) are highlighted in yellow.

** Rocky Mtn. NP data through September 30, 2011

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 0.075 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 2009 and 2010, the current 4th maximum value for 2011, the current 3-year average, and the maximum possible level for 2011 in order to remain in attainment of the ozone standard. Based on the current values, maximum possible levels for 2012 are also included.

3-Year Average 4th Maximum Ozone Values

Site Name	AQS #	<u>2009</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2010</u> 4 th Maximum 8-Hour Average Value (ppm)	<u>2011 (thru 9/30)</u> 4 th Maximum 8-Hour Average Value (ppm)	2009 - 2011 3-Year Average 4 th Maximum Value (ppm)	<u>2011</u> Highest Allowable 4 th Maximum 8-Hour Average Value (ppm)	<u>2012</u> Highest Allowable 4 th Maximum 8-Hour Average Value (ppm)
Welby	08-001-3001	0.072	0.063	0.075	0.070	0.092	0.089
Highland	08-005-0002	0.069	0.075	0.078	0.074	0.083	0.074
Aurora East	08-005-0006	0.066	0.070	0.077	0.071	0.091	0.080
S. Boulder Creek	08-013-0011	0.073	0.072	0.076	0.073	0.082	0.079
Carriage	08-031-0014	0.063	0.069	0.075	0.069	0.095	0.083
Denver - Animal Shelter	08-031-0025	0.062	0.064	0.070	0.065	0.101	0.093
Chatfield State Park	08-035-0004	0.071	0.079	0.082	0.077	0.077	0.066
USAF Academy	08-041-0013	0.060	0.068	0.074	0.067	0.099	0.085
Manitou Springs	08-041-0016	0.064	0.072	0.075	0.070	0.091	0.080
Rifle - Health	08-045-0012	0.062	0.066	0.066	0.064	0.099	0.095
Arvada	08-059-0002	0.070	0.075	0.079	0.074	0.082	0.073
Welch	08-059-0005	0.070	0.072	0.077	0.073	0.085	0.078
Rocky Flats North	08-059-0006	0.079	0.076	0.081	0.078	0.072	0.070
NREL	08-059-0011	0.068	0.074	0.083	0.075	0.085	0.070
Aspen Park	08-059-0013	0.067	0.073	0.072	0.070	0.087	0.082
NPS - Rocky Mtn. Nat'l Park	08-069-0007	0.068	0.077	0.077 (thru 9/30)	0.074	0.082	0.073
Fort Collins - West	08-069-0011	0.073	0.075	0.080	0.076	0.079	0.072
Rist Canyon	08-069-0012	0.069	0.071	0.073	0.071	0.087	0.083
Fort Collins - CSU	08-069-1004	0.063	0.066	0.068	0.065	0.098	0.093
Palisade - Water	08-077-0020	0.064	0.068	0.066	0.066	0.095	0.093
Cortez	08-083-0006	0.064	0.064	0.069	0.065	0.099	0.094
Greeley - Weld Tower	08-123-0009	0.067	0.073	0.077	0.072	0.087	0.077

NOTE: An area is considered to be in attainment of the National Ambient Air Quality Standard when the 3-year average of the annual 4th highest daily maximum 8-hour ozone concentration at a site is less than or equal to 0.075 ppm.

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