

2018 Exceedances



Air quality measurements are compared hourly to the [Alberta Ambient Air Quality Objectives \(AAAQO\)](#). Any exceedance of an AAAQO is reported to the Alberta Government and the cause of the exceedance investigated.

One Hour Exceedances			
Parameter	Exceedances	Dates	Attributed Cause
Hydrogen Sulphide (H ₂ S)	2	January 20	Local industry
Respirable Particulate (PM _{2.5})	1	January 20	Unknown localized source
	1	March 14	Wintertime inversion
Hydrogen Sulphide (H ₂ S)	14	May 5, 11, 14, 16, 19, 23, 27	Naturally occurring, from nearby wetlands
Respirable Particulate (PM _{2.5})	1	May 14	Grass fires
	1	July 3	Summertime smog
Hydrogen Sulphide (H ₂ S)	1	July 26	Local industry
	3	August 16, 19	
Ozone (O ₃)	6	August 9	Summertime smog
Respirable Particulate (PM _{2.5})	20	August 7	Wildfire smoke
	17	August 8	
	7	August 9	
	75	August 10	
	18	August 11	
	20	August 14	
	154	August 15	
	117	August 16	
	112	August 17	
	61	August 18	
	62	August 22	
	80	August 23	
	29	August 25	
34	August 26		
Total	836		

24 Hour Exceedances			
Parameter	Exceedances	Dates	Attributed Cause
Respirable Particulate (PM _{2.5})	2	March 8	Wintertime inversion
	1	March 12	
	4	March 13	
	1	March 17	
Hydrogen Sulphide (H ₂ S)	4	May 11, 14, 23, 27	Naturally occurring, from nearby wetlands
Respirable Particulate (PM _{2.5})	7	August 7	Wildfire smoke
	7	August 8	
	7	August 9	
	7	August 10	
	6	August 11	
	6	August 14	
	7	August 15	
	6	August 16	
	6	August 17	
	7	August 18	
	3	August 19	
	7	August 20	
	7	August 21	
	7	August 22	
	6	August 23	
	7	August 25	
	6	August 26	
Total	121		