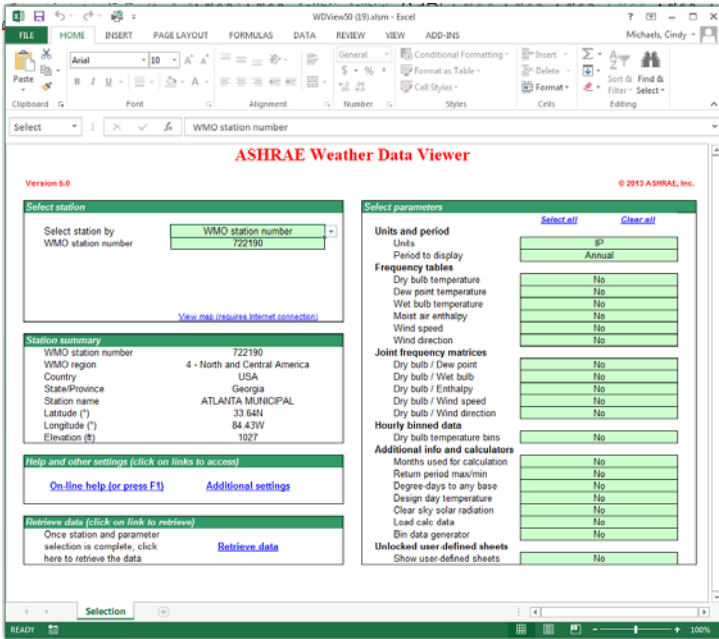


# Weather Data Viewer 6.0 Features



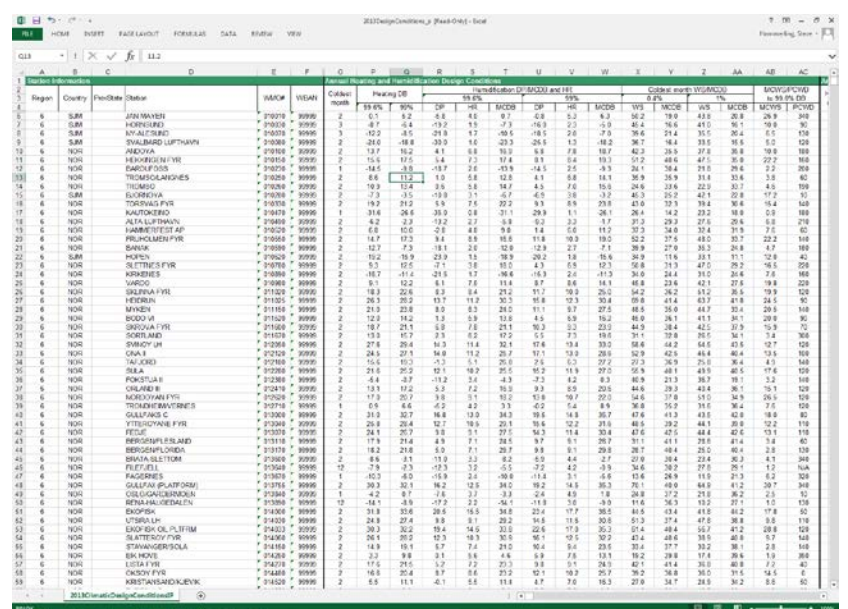
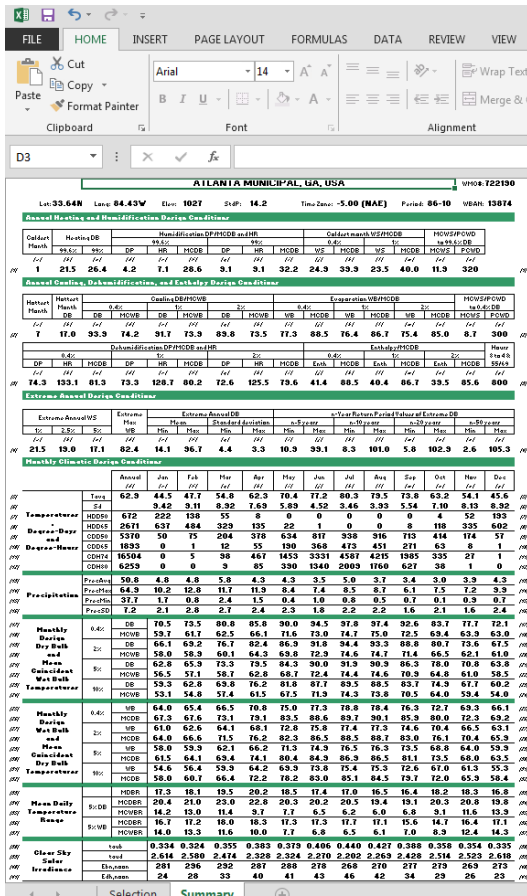
The interface shows input cells in green.

Stations can be selected by Region/County, WMO Station Number, or Latitude/Longitude.

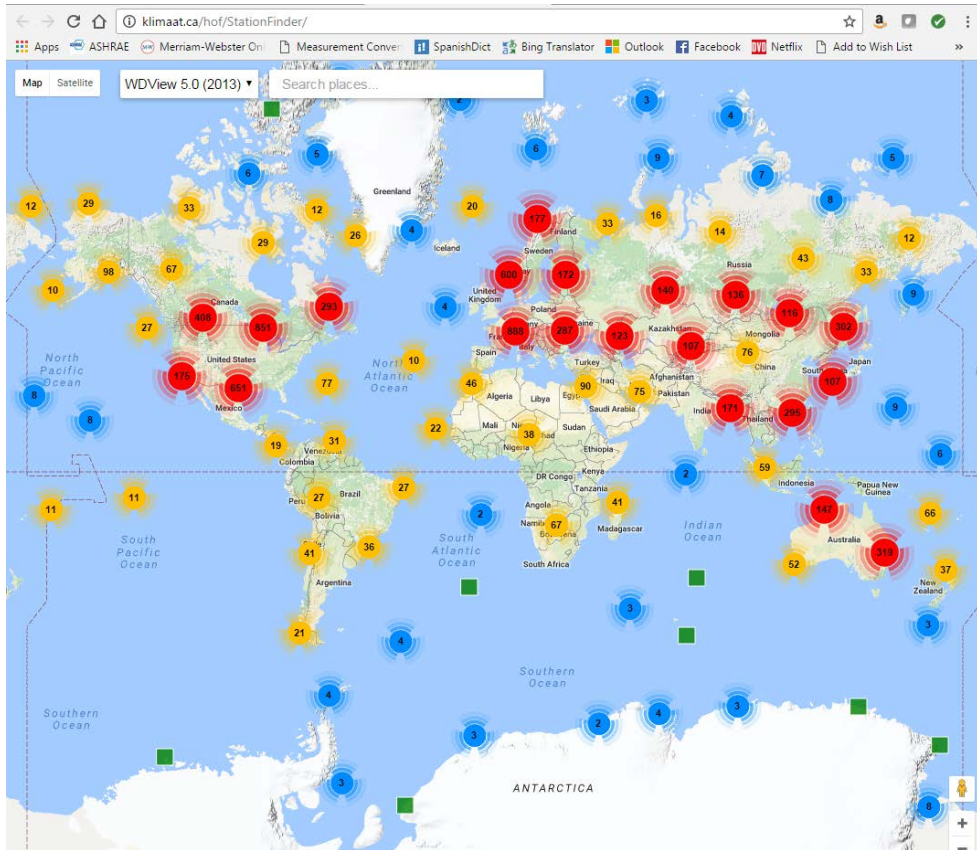
The Station Summary information updates automatically as the design location is selected.

After the parameters have been selected (right side), the blue link for *Retrieve data* (bottom left) results in the station's data from 2017 *ASHRAE Handbook—Fundamentals* (see below).

The DVD includes Climatic Design Data in Excel format for all 8118 locations in the ASHRAE Handbook.



Please see the screen shots below for previews of the Station finder and bin data features.



WDView30 (Read-Only) - Excel

Weather Data Viewer, version 5.0  
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Bin data generator for dry bulb temperature / schedule / mean coincident wet bulb temperature  
ATLANTA MUNICIPAL, GA, USA (722150)

Parameters for bin data generator

First hour of 'ON' schedule	E
Last hour of 'ON' schedule	17
Bin size	1.00

Abbreviations

- DB Dry bulb temperature (center of bin), °F
- 'ON' Number of hours in the 'ON' state with dry bulb temperatures in the specified bin
- 'OFF' Number of hours not in the 'ON' state with dry bulb temperatures in the specified bin
- MCWB Mean coincident wet bulb temperature, °F

Dry bulb temperature / on and off schedules and mean coincident wet bulb temperature

DB °F	Actual		January		February		March		April		May		June	
	'ON' h/year	'OFF' h/year	'ON' h/month	MCWB °F	'ON' h/month	MCWB °F	'ON' h/month	MCWB °F	'ON' h/month	MCWB °F	'ON' h/month	MCWB °F	'ON' h/month	MCWB °F
6.00	0.000	3,159.9	0.000	43.4	0.000	43.4	0.000	43.4	0.000	43.4	0.000	43.4	0.000	43.4
7.00	0.160	8,400	5.7	0.120	0.320	5.0	0.040	0.040	6.3	0.000	0.000	14.5	0.000	0.000
8.00	0.120	8,400	6.3	0.000	0.160	5.9	0.040	0.119	6.9	0.000	0.000	15.4	0.000	0.000
9.00	0.200	6,440	7.1	0.040	0.240	6.8	0.040	0.079	7.8	0.000	0.000	16.3	0.000	0.000
10.00	0.120	8,360	8.0	0.040	0.160	7.7	0.040	0.079	8.8	0.000	0.000	17.2	0.000	0.000
11.00	0.200	6,200	9.0	0.160	0.000	8.7	0.040	0.119	9.4	0.000	0.000	18.1	0.000	0.000
12.00	0.200	6,360	9.9	0.240	0.200	9.7	0.000	0.079	10.2	0.000	0.000	19.0	0.000	0.000
13.00	0.440	4,200	10.7	0.160	0.000	10.7	0.079	0.040	10.9	0.000	0.000	20.0	0.000	0.000
14.00	0.680	2,800	11.6	0.360	0.400	11.7	0.079	0.159	11.8	0.000	0.000	21.0	0.000	0.000
15.00	0.680	2,800	12.6	0.200	0.320	12.8	0.119	0.238	12.8	0.040	0.000	13.8	0.000	0.000
16.00	0.800	2,360	13.6	0.480	0.600	13.6	0.159	0.318	13.8	0.000	0.000	14.5	0.000	0.000
17.00	0.600	3,000	14.6	0.320	0.320	14.7	0.279	0.139	14.8	0.000	0.000	15.4	0.000	0.000
18.00	2.200	1,440	15.6	1.160	1.200	15.6	0.274	0.715	15.6	0.000	0.000	16.3	0.000	0.000
19.00	2.279	4,318	16.3	1.280	2.060	16.3	0.437	0.755	16.3	0.040	0.120	16.5	0.000	0.000
20.00	1.759	3,238	17.2	1.160	1.440	17.1	0.040	0.556	17.0	0.080	0.160	17.6	0.000	0.000
21.00	3.036	6,158	18.0	1.880	3,200	18.0	0.437	0.715	17.7	0.160	0.320	18.6	0.000	0.000
22.00	2.919	4,679	18.9	1.720	2,000	18.9	0.437	0.556	18.6	0.200	0.360	19.3	0.000	0.000
23.00	2.259	6,588	19.8	1.680	3,000	19.7	0.477	0.674	19.7	0.120	0.240	20.1	0.000	0.000
24.00	4.319	4,559	20.7	1.800	1,800	20.6	1.072	0.675	20.6	0.400	0.560	20.8	0.000	0.000
25.00	6.019	10,397	21.6	2.800	4,600	21.5	1.620	2.064	21.2	0.160	0.360	21.4	0.000	0.000
26.00	5.478	8,985	22.4	2.480	1,200	22.4	0.963	0.993	22.2	0.360	0.680	22.2	0.040	0.040
27.00	8.278	15,557	23.4	2.760	5,640	23.3	1.668	3.614	23.3	0.600	1.160	23.2	0.040	0.040
28.00	10.877	26,916	24.4	3.960	7,160	24.2	2.303	5.123	24.3	0.880	1.620	24.2	0.040	0.040
29.00	8.598	15,836	25.4	3.940	6,720	25.1	1.828	2.423	25.3	0.600	0.960	25.3	0.000	0.000
30.00	15.478	31,554	26.4	6.240	9,120	26.2	3.177	7.903	26.4	0.840	2.200	26.2	0.160	0.360
31.00	12.157	22,793	27.6	4.160	7,000	27.3	2.423	3.654	27.4	0.780	1.480	27.0	0.000	0.000
32.00	10.396	33,792	28.5	6.040	10,960	28.3	3.013	7.705	28.3	1.480	1.800	27.9	0.000	0.320
33.00	15.158	28,192	29.6	5.120	9,160	29.1	3.058	8.739	29.6	1.520	2.020	28.0	0.080	0.280
34.00	20.114	50,388	30.4	8.860	13,320	30.0	6.672	10.802	30.0	2.480	3.080	30.0	0.320	0.800
35.00	21.315	36,991	31.3	6,200	9,720	30.9	4.766	7.049	31.3	1.880	3.840	30.7	0.320	1.160
36.00	32.113	61,620	32.2	9,360	14,120	31.6	7.108	13,304	32.2	3.240	5.524	31.7	0.400	1.560
37.00	34.193	60,945	33.1	9,120	16,960	32.8	7.586	12,960	32.2	3.400	6.645	32.7	0.600	1.480
38.00	29.475	40,540	34.0	7,640	12,560	33.6	5.759	8.419	34.1	2.560	5.644	33.7	0.200	1.320
39.00	40.431	69,002	34.9	10,960	10,000	34.6	8.067	12,509	34.9	4.060	8.007	34.5	0.720	2.000
40.00	30.233	50,909	35.8	7,760	11,000	35.8	6.116	10,564	35.7	3.680	6,925	35.5	0.640	2.400
41.00	37.233	63,624	36.8	8,860	14,160	36.6	6.458	12,510	36.6	4.884	8.166	36.5	1.400	3.400
42.00	35.842	61,383	37.8	8,400	12,760	37.4	7.268	10,445	37.5	4.200	7.446	37.4	1.280	3.360
43.00	47.631	80,339	38.5	10,640	17,080	38.3	10.720	15,091	38.2	7.200	10,248	38.4	2.000	5,240
44.00	36.990	62,422	39.3	7,600	13,320	39.2	7.029	10,200	39.1	6.244	9,647	39.3	1.360	4.120
45.00	55.285	91,177	40.3	12,400	18,000	40.1	9.293	16,844	40.0	7.960	14,251	40.2	2.040	5,000
46.00	36.227	62,174	41.2	10,000	16,400	41.0	8.161	14,496	41.0	6.000	15,692	41.2	2.560	7,320
47.00	44.069	69,141	42.1	9,760	11,720	41.8	7.585	10,608	41.8	5.560	6,280	42.0	0.440	1.380
48.00	58.705	94,772	43.0	10,000	14,560	42.7	9.849	13,582	42.3	9.327	15,091	42.9	3.000	7,200
49.00	42.760	75,179	43.9	7,640	10,000	43.7	6.831	10,000	43.1	6.000	10,440	43.7	3.040	9,600
50.00	58.474	90,491	44.7	9,900	14,954	44.3	10.896	14,414	44.5	4.160	9,800	44.6	0.480	3,960

READY Selection Summary DBTD BinDataGen Calc