



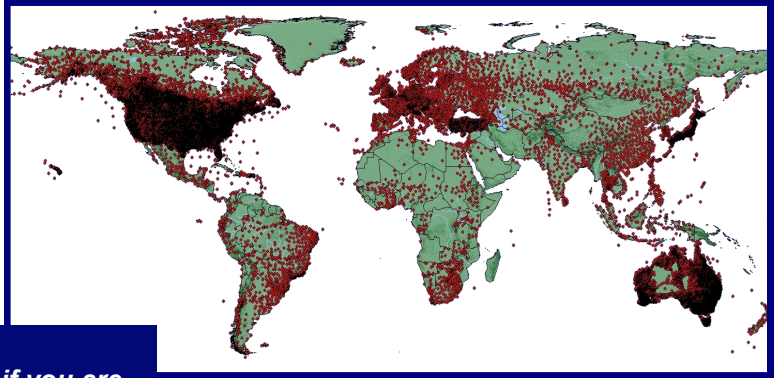
Forecast Dashboard

What is it?

The Speedwell Forecast Dashboard is a fast and convenient way to view all of your forecast products.

The Dashboard displays forecasts for temperature & precipitation from four forecast models:

- ECMWF Ensemble
- ECMWF Operational
- GFS Ensemble
- GFS Operational



FREE TRIAL
 Please contact us if you are interested in a free trial of the forecast dashboard product!

Speedwell Weather - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Speedwell Weather

www.speedwellweather.com/Pages/Forecast/ForecastDashboard.aspx

Speedwell Weather

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Speedwell Weather Proprietary Downscaling Engine

Latest: ECMWF Ensemble, ECMWF Operational, GFS Ensemble, GFS Operational, weatherXchange Ensemble

Specific: 002 122, 002 122, 002 002 122 182, 002 002 122 182, 002 122

Region: All

Station Name	Inspect	Tue Jul 24	Wed Jul 25	Thu Jul 26	Fri Jul 27	Sat Jul 28	Sun Jul 29	Mon Jul 30	Tue Jul 31	Wed Aug 01	Thu Aug 02	Fri Aug 03	Sat Aug 04	Sun Aug 05	Mon Aug 06	Tue Aug 07
ABERDEEN DYCE		10 / 21	11 / 19	11 / 17	11 / 17	10 / 14	9 / 15	10 / 16	11 / 16	10 / 15	10 / 15	10 / 15	10 / 16	11 / 16	11 / 16	11 / 16
ADELAIDE AIRPORT		10 / 14	9 / 14	8 / 14	8 / 16	7 / 15	6 / 15	4 / 14	4 / 15	6 / 15	7 / 15	8 / 15	7 / 15	7 / 15	7 / 15	NA / NA
AMSTERDAM SCHIPHOL		13 / 28	15 / 28	15 / 27	15 / 27	12 / 20	11 / 19	11 / 19	12 / 20	13 / 19	13 / 19	14 / 21	14 / 21	14 / 21	14 / 22	14 / 22
ARCHERFIELD AIRPORT		8 / 21	9 / 21	8 / 22	8 / 21	7 / 21	7 / 22	8 / 20	6 / 20	7 / 21	6 / 22	6 / 22	8 / 22	7 / 22	7 / 22	NA / NA
Athens Airport		26 / 36	26 / 37	26 / 37	27 / 36	27 / 37	27 / 37	27 / 38	27 / 38	27 / 38	26 / 37	26 / 38	26 / 38	26 / 38	26 / 38	26 / 37
Atlanta-Hartsfield Internat		74 / 96	75 / 98	75 / 96	75 / 94	74 / 94	74 / 95	73 / 95	74 / 94	73 / 92	73 / 91	72 / 92	72 / 92	72 / 92	72 / 92	NA / NA
Baltimore-Washington Intern		73 / 93	67 / 90	70 / 99	76 / 96	72 / 93	69 / 91	67 / 91	68 / 90	68 / 89	68 / 90	67 / 91	68 / 91	69 / 93	70 / 91	NA / NA
BANKSTOWN AIRPORT AW		6 / 19	7 / 20	4 / 18	6 / 18	5 / 18	5 / 17	5 / 16	6 / 15	5 / 17	1 / 18	8 / 18	5 / 18	5 / 18	NA / NA	NA / NA
BARCELONA AEROPUERTO		20 / 30	21 / 31	23 / 32	23 / 32	24 / 31	24 / 30	23 / 29	23 / 29	22 / 28	22 / 28	22 / 28	22 / 28	22 / 28	22 / 29	22 / 30
BELFAST ALDERGROVE		13 / 19	11 / 19	11 / 19	11 / 17	10 / 16	10 / 17	11 / 18	11 / 18	11 / 17	10 / 17	10 / 17	11 / 18	11 / 18	12 / 18	12 / 18
Beograd / Surcin		19 / 29	18 / 28	18 / 26	18 / 28	18 / 31	18 / 33	18 / 32	17 / 29	16 / 30	17 / 32	17 / 32	18 / 32	18 / 31	17 / 31	17 / 31
BERLIN TEMPELHOF		13 / 27	16 / 30	18 / 29	17 / 30	17 / 27	14 / 22	13 / 21	13 / 21	14 / 21	14 / 22	14 / 22	14 / 22	14 / 22	14 / 22	14 / 23
BIRMINGHAM (COLESHILL)		12 / 26	15 / 27	15 / 27	12 / 22	10 / 18	9 / 18	10 / 18	11 / 19	12 / 19	11 / 19	11 / 19	12 / 19	12 / 20	12 / 20	12 / 20
BORDEAUX MERIGNAC		14 / 32	17 / 34	20 / 37	22 / 33	18 / 28	16 / 25	15 / 24	15 / 25	15 / 25	15 / 24	15 / 24	15 / 25	14 / 26	15 / 27	15 / 27
Boston-Logan International I		70 / 87	67 / 83	67 / 83	69 / 82	68 / 79	67 / 79	66 / 83	67 / 85	69 / 84	69 / 82	67 / 83	68 / 85	69 / 85	70 / 85	NA / NA

Based on Climatology 2000-2009. TMin/TMax color coding is based on TAVE departure from normals. Forecast units are Celsius (USA, Fahrenheit) and mm (USA, inches).

Chicago O'Hare... - ECMWF Ensemble TMax - 2012 Jul 24 Tue 00Z

Chicago O'Hare... - ECMWF Ensemble TMin/TMax - 2012 Jul 24 Tue 00Z

Date	TMin	TMin Min	TMin 25%	TMin 75%	TMin Max	TMax	TMax Min	TMax 25%	TMax 75%	TMax Max	TMax Diff v Cl
Jul 24 Tue	71.1	66.1	70.3	72.0	73.5	87.7	86.2	90.7	94.5	91.5	2.6
Jul 25 Wed	70.1	66.8	68.9	71.0	73.8	5.5	99.6	93.2	97.9	101.2	106.8
Jul 26 Thu	73.1	68.8	71.5	74.7	77.7	8.5	90.3	90.4	88.6	91.6	97.3
Jul 27 Fri	68.2	60.9	66.8	69.4	79.7	3.6	86.4	80.3	83.1	88.9	94.9
Jul 28 Sat	65.6	58.3	64.1	67.7	69.6	1.0	85.7	77.4	82.8	87.0	93.8
Jul 29 Sun	63.7	56.6	61.7	65.7	71.3	-0.9	88.9	77.7	86.7	91.3	95.7
Jul 30 Mon	68.6	61.5	66.5	70.5	76.9	4.0	90.8	81.3	88.0	93.4	99.3
Jul 31 Tue	69.8	62.1	67.1	71.8	79.2	5.2	90.7	80.5	88.2	93.9	98.5
Aug 01 Wed	69.0	59.0	66.8	71.1	77.0	4.4	90.6	81.6	87.4	93.3	99.6
Aug 02 Thu	68.9	59.2	66.4	71.6	77.2	4.3	91.6	82.3	87.9	94.8	100.3
Aug 03 Fri	68.0	58.4	64.9	70.8	76.4	3.5	92.5	81.9	89.0	95.9	99.9
Aug 04 Sat	69.2	59.0	65.9	71.7	77.0	4.7	92.0	81.9	89.2	94.6	99.9
Aug 05 Sun	68.8	60.0	66.3	70.7	78.0	4.4	90.5	82.7	87.0	93.2	100.7
Aug 06 Mon	67.3	60.4	63.8	70.4	78.4	3.0	90.2	81.0	87.7	91.8	99.0

Forecast Maps

TMIN DAY 1 TO 5

TMAX DAY 1 TO 5

RAIN DAY 1 TO 5

Which Locations?

We currently forecast for over 500 worldwide locations. Forecasts can be generated on request for any location where we can obtain weather observations. Speedwell's global weather database allows us to forecast for 10,000+ locations covering:

- U.S. European, Australian and Asian energy
- Global Ag (eg Brazil, U.S..)

Which Forecast Models?

Speedwell provides fully downscaled forecasts based upon global numerical weather prediction models. These are based on the ECMWF (European Center for Medium Range Weather Forecasting) and the GFS (Global Forecast System produced by NOAA) outputs and processed with physical and statistical methods to produce a station-level forecast.

Forecast products are displayed in four different formats:

- **Ensemble Average** with color coded climatology comparison
- **Ensemble breakdown** including 50% probability range and member extremes
- **Box & whisker plots**
- **Forecast maps**



Forecast Dashboard

Latest Runs + ECMWF Ensemble ECMWF Operational GFS Ensemble GFS Operational weatherXchange Ensemble

Specific 002 122 002 122 002 082 122 182 002 082 122 182 002 122

Speedwell Weather Proprietary Downscaling Engine
 ECMWF Ensemble Daily TMin/TMax Issued on Jan 31 Thu at 00Z

My Groups Std Regions
 US - National Summary

Rain TMin TMax Tave TMin/TMax

TMin/TMax

Station Name	Inspect	All	Thu Jan 31	Fri Feb 01	Sat Feb 02	Sun Feb 03	Mon Feb 04	Tue Feb 05	Wed Feb 06	Thu Feb 07	Fri Feb 08	Sat Feb 09	Sun Feb 10	Mon Feb 11	Tue Feb 12	Wed Feb 13	Thu Feb 14
Cincinnati-Northern Kentucky I			18 / 32	9 / 23	18 / 33	24 / 38	23 / 43	27 / 40	26 / 44	29 / 54	32 / 51	33 / 53	38 / 57	33 / 54	27 / 50	27 / 51	NA / NA
Dallas-Fort Worth International			36 / 67	35 / 60	41 / 67	37 / 67	49 / 74	43 / 68	43 / 73	52 / 75	52 / 68	51 / 68	41 / 58	36 / 57	34 / 60	36 / 62	NA / NA
Des Moines International Airport			-4 / 13	-12 / 26	19 / 39	14 / 39	14 / 37	14 / 42	15 / 45	23 / 47	17 / 43	24 / 44	21 / 41	19 / 41	20 / 50	NA / NA	NA / NA
Detroit Metro Airport			19 / 32	16 / 25	14 / 27	17 / 32	17 / 30	16 / 32	16 / 34	22 / 42	24 / 39	22 / 40	29 / 46	27 / 44	24 / 46	25 / 47	NA / NA
Houston-George Bush Intercon			37 / 65	40 / 68	48 / 74	50 / 72	54 / 76	53 / 77	49 / 75	56 / 80	59 / 78	58 / 77	49 / 70	43 / 65	36 / 66	38 / 68	NA / NA
Indianapolis International Airp			8 / 29	8 / 20	18 / 34	22 / 37	21 / 43	25 / 39	25 / 45	30 / 53	29 / 48	32 / 50	35 / 55	30 / 50	27 / 47	28 / 48	NA / NA
Kansas City International Airp			5 / 22	5 / 31	25 / 50	27 / 49	28 / 55	27 / 57	28 / 60	33 / 57	28 / 55	32 / 54	27 / 50	24 / 49	25 / 51	26 / 53	NA / NA
Lansing Capital City Airport			17 / 25	14 / 20	14 / 23	15 / 27	14 / 27	16 / 29	18 / 35	22 / 42	23 / 37	22 / 40	27 / 44	25 / 42	21 / 43	22 / 43	NA / NA
Las Vegas McCarran Airport			40 / 63	41 / 62	42 / 63	45 / 65	44 / 65	44 / 65	44 / 66	44 / 64	40 / 59	35 / 57	35 / 57	37 / 60	39 / 62	41 / 63	NA / NA
Los Angeles International Airp			48 / 73	50 / 73	53 / 73	57 / 73	53 / 75	54 / 68	54 / 65	52 / 62	48 / 64	46 / 67	47 / 65	48 / 66	48 / 66	48 / 66	NA / NA
Memphis International Airport			31 / 53	24 / 38	27 / 55	32 / 60	37 / 61	39 / 61	35 / 63	45 / 67	49 / 62	52 / 67	41 / 61	35 / 56	30 / 56	31 / 59	NA / NA
Midland International Airport			33 / 63	32 / 66	36 / 63	34 / 69	43 / 72	37 / 73	43 / 78	46 / 74	43 / 69	41 / 63	32 / 54	29 / 57	28 / 60	32 / 64	NA / NA
Minneapolis-Saint Paul Interna			-6 / 9	-11 / 11	9 / 24	5 / 22	9 / 25	14 / 33	16 / 38	21 / 38	19 / 40	23 / 40	22 / 38	21 / 39	18 / 41	21 / 43	NA / NA
New Orleans International Airp			41 / 58	40 / 62	44 / 66	46 / 68	48 / 69	53 / 70	49 / 67	52 / 73	56 / 75	58 / 75	54 / 72	49 / 66	44 / 64	42 / 64	NA / NA
New York-LaGuardia Airport			32 / 58	28 / 35	26 / 35	29 / 37	28 / 37	30 / 39	27 / 38	27 / 40	30 / 44	30 / 43	33 / 47	35 / 49	32 / 47	32 / 47	NA / NA

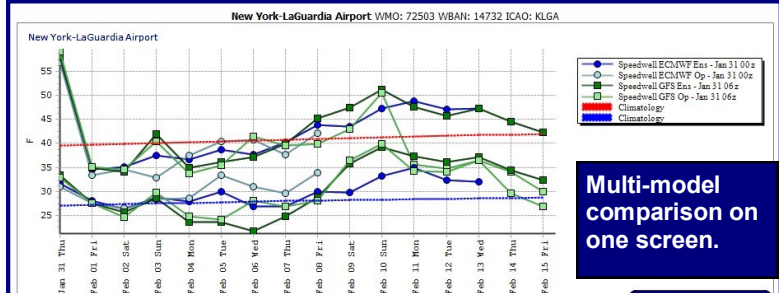
Based on Climatology 2000-2009.
 Forecast units are Celsius (USA Fahrenheit) and mm (USA inches)

< -15F / -8.3C < -10F / -5.5C < -6F / -3.3C < -2F / -1.1C Normal > +2F / +1.1C > +6F / +3.3C > +10F / +5.5C > +15F / +8.3C

Summary table displaying the forecast numerically with color coding for climatology.

Rain

	Sun Feb 03	Mon Feb 04	Tue Feb 05	Wed Feb 06	Thu Feb 07	Fri Feb 08	Sat Feb 09	Sun Feb 10	Mon Feb 11	Tue Feb 12	Wed Feb 13	Thu Feb 14
0	0.00	0.00	0.00	0.01	0.02	0.03	0.10	0.02	0.01	0.00	0.01	0.00
1	0.00	0.02	0.00	0.01	0.03	0.22	0.49	0.18	0.07	0.05	0.04	0.04
2	1.00	0.00	0.01	0.00	0.02	0.03	0.16	0.15	0.06	0.02	0.01	0.01
3	0.04	0.06	0.04	0.00	0.08	0.04	0.08	0.17	0.11	0.04	0.03	0.04
4	0.01	0.05	0.03	0.01	0.06	0.08	0.31	0.20	0.07	0.06	0.04	0.03
5	0.00	0.00	0.05	0.00	0.00	0.02	0.03	0.03	0.09	0.10	0.09	0.00
6	0.00	0.00	0.00	0.01	0.03	0.05	0.17	0.10	0.03	0.01	0.02	0.00
7	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.01
8	0.00	0.15	0.01	0.01	0.19	0.32	0.67	0.39	0.09	0.04	0.03	0.00
9	0.00	0.01	0.00	0.04	0.06	0.05	0.01	0.00	0.00	0.01	0.01	0.05



TMax

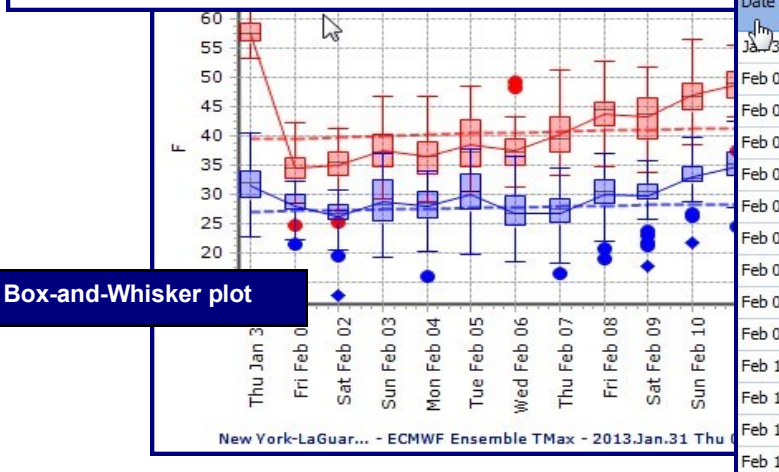
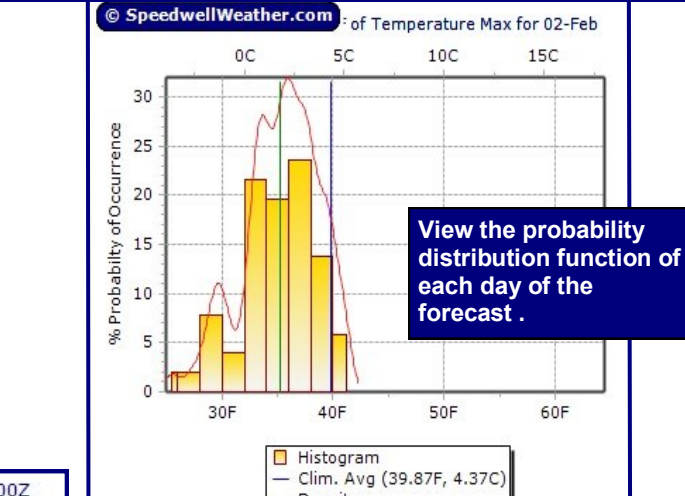
Forecast Provider	Issue Date	Thu Jan 31	Fri Feb 01	Sat Feb 02	Sun Feb 03	Mon Feb 04	Tue Feb 05	Wed Feb 06	Thu Feb 07	Fri Feb 08	Sat Feb 09	Sun Feb 10	Mon Feb 11	Tue Feb 12	Wed Feb 13	Thu Feb 14	Fri Feb 15
Speedwell ECMWF Ens	Jan Thu 31 00z	58	35	35	37	37	39	38	40	44	43	47	49	47	47		
Speedwell ECMWF Op	Jan Thu 31 00z	57	33	35	33	38	40	41	38	42	45	47	46	47	44	42	
Speedwell GFS Ens	Jan Thu 31 06z	58	35	34	42	35	36	37	40	45	47	51	47	46	47	44	42
Speedwell GFS Op	Jan Thu 31 06z	59	35	35	40	34	35	41	40	40	43	50	36	35	36	34	30

TMin

Forecast Provider	Issue Date	Thu Jan 31	Fri Feb 01	Sat Feb 02	Sun Feb 03	Mon Feb 04	Tue Feb 05	Wed Feb 06	Thu Feb 07	Fri Feb 08	Sat Feb 09	Sun Feb 10	Mon Feb 11	Tue Feb 12	Wed Feb 13	Thu Feb 14	Fri Feb 15
Speedwell ECMWF Ens	Jan Thu 31 00z	32	28	26	29	28	30	27	27	30	30	33	35	32	32		
Speedwell ECMWF Op	Jan Thu 31 00z	31	28	27	28	29	33	31	30	34							
Speedwell GFS Ens	Jan Thu 31 06z	33	28	26	29	24	24	22	25	29	36	39	37	36	37	34	32
Speedwell GFS Op	Jan Thu 31 06z	33	28	25	30	25	24	28	27	28	37	40	34	34	36	30	

Based on Climatology 2000-2009.
 Forecast units are Celsius (USA Fahrenheit) and mm (USA inches)

< -15F / -8.3C < -10F / -5.5C < -6F / -3.3C < -2F / -1.1C Normal > +2F / +1.1C > +6F / +3.3C > +10F / +5.5C > +15F / +8.3C



Date	TMin	TMin Min	TMin 25%	TMin 75%	TMin Max	TMin - Clim	TMax	TMax Min	TMax 25%	TMax 75%	TMax Max	TMax - Clim
Jan 31 Thu	31.7	22.9	29.0	34.3	40.5	4.6	57.6	53.2	55.8	59.4	62.6	18.2
Feb 01 Fri	28.1	14.4	26.9	29.9	32.4	0.8	34.5	24.9	32.4	36.5	42.2	-5.1
Feb 02 Sat	26.4	12.8	25.3	28.4	30.8	-0.9	35.2	25.4	33.1	37.7	41.2	-4.7
Feb 03 Sun	28.9	19.2	25.2	32.7	37.0	1.3	37.5	29.2	34.5	40.3	46.9	-2.6
Feb 04 Mon	28.0	16.1	25.7	30.8	34.1	0.4	36.7	28.9	33.1	39.0	46.9	-3.6
Feb 05 Tue	30.1	19.8	26.8	33.7	37.8	2.3	38.7	30.5	34.4	43.1	48.5	-1.8
Feb 06 Wed	26.9	18.5	24.2	29.9	36.5	-1.0	37.7	31.4	34.6	39.5	49.4	-3.0
Feb 07 Thu	26.9	16.6	24.9	29.3	34.6	-1.1	40.2	33.2	36.9	43.2	51.2	-0.6
Feb 08 Fri	30.0	19.0	27.9	32.7	37.0	1.8	43.9	34.7	41.2	46.0	52.7	2.9
Feb 09 Sat	29.8	17.7	29.1	32.0	35.7	1.6	43.4	33.8	39.3	46.1	51.8	2.3
Feb 10 Sun	33.2	21.7	31.8	35.0	39.7	4.9	47.2	38.6	43.9	49.3	56.6	5.9
Feb 11 Mon	35.0	24.5	32.7	37.4	42.5	6.5	48.8	37.7	46.1	51.3	55.7	7.3
Feb 12 Tue	32.3	21.7	31.1	33.6	39.7	3.8	47.0	36.9	45.1	49.3	54.9	5.4
Feb 13 Wed	32.0	21.6	29.4	34.4	39.6	3.3	47.2	38.4	45.1	49.3	56.4	5.5