

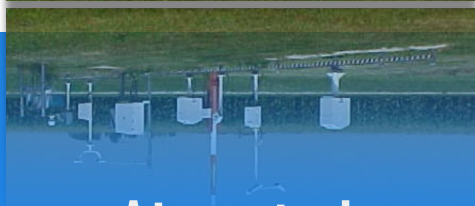
Program Updates

**Brian Hirsch,
Regional Aviation Meteorologist**



Regional Aviation Meteorologist

NOAA's NATIONAL WEATHER SERVICE



Airport observations, WFO (TAF & DAS), and CWSU programs

Airport Observations



ASOS, AWOS, Observers,
Communication, Outreach

- It still pays to know your Tower and Observer.
- ASOS Program maintenance is second to none. (AOMC oversight)
- Communicate changes to HQ.
*ASOS changes typically orderly -
AWOS changes can come as a surprise.*



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NWS Forecast Offices



Constant Weather Watch
TAFs

- Constant Weather Watch is vital
Forecast updates/Observations
- Aviation portion of the Forecast Discussion
- TAF Consistency - latest 10-803
No changes but increased focus
 - Definition and consistency of VCTS
 - NWS Chat to collaborate as needed

NWS Forecast Offices



Constant Weather Watch
TAFs

- Aviation Outreach - EAA is best known but there are many state fly-ins
- New TAFs - since 2000, we've gone from 540 to almost 700 TAFs nationwide

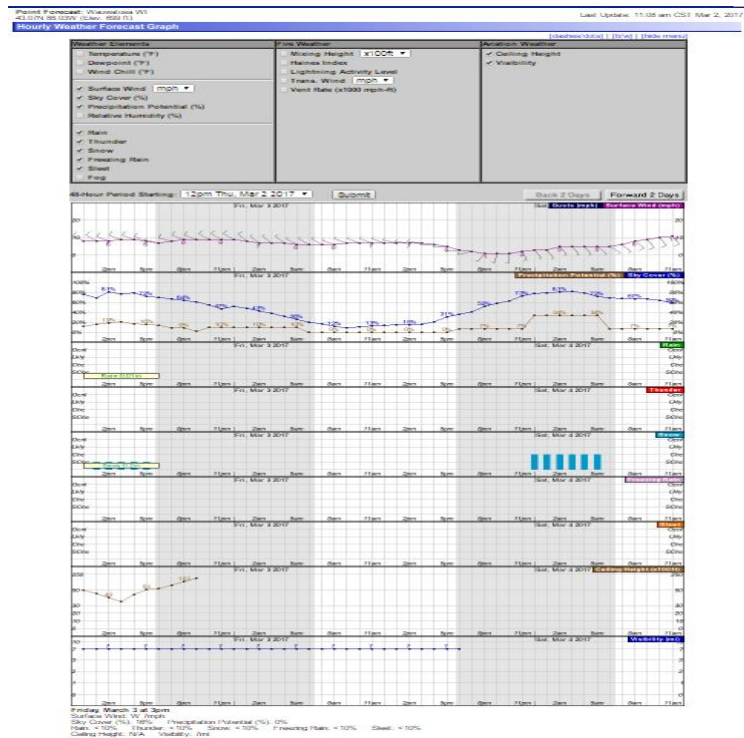
NWS Forecast Offices



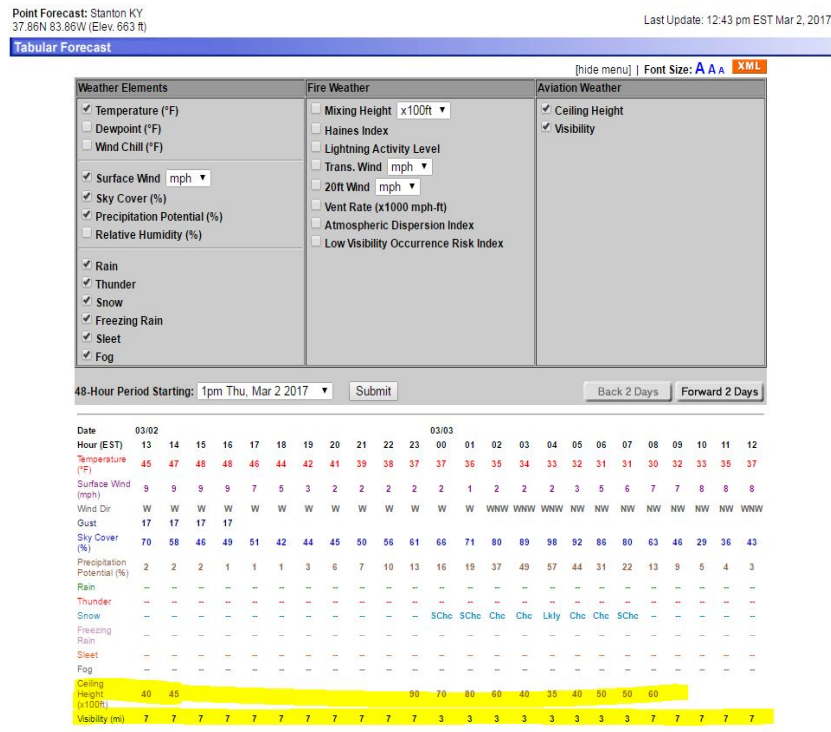
Constant Weather Watch
Digital Aviation Services

- CONUS wide DAS Grids by EOY
- DAS Grids increase forecast consistency between public zones and TAF
- DAS to be added to NDFD
 - Open potential for pilot/airline/faa
 - Open potential d
- Aviation Outreach - EAA is the biggest but many state fly-ins

NDFD and DAS - near future displays

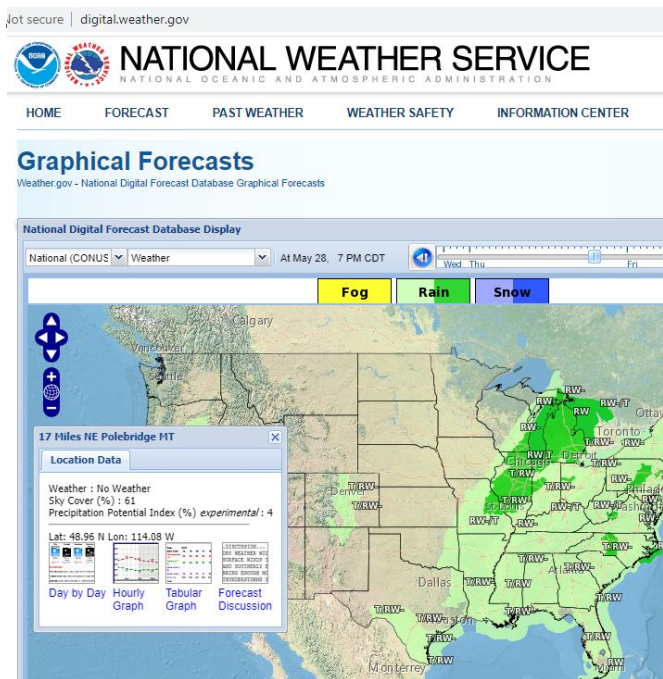


Weather.gov hourly weather graph

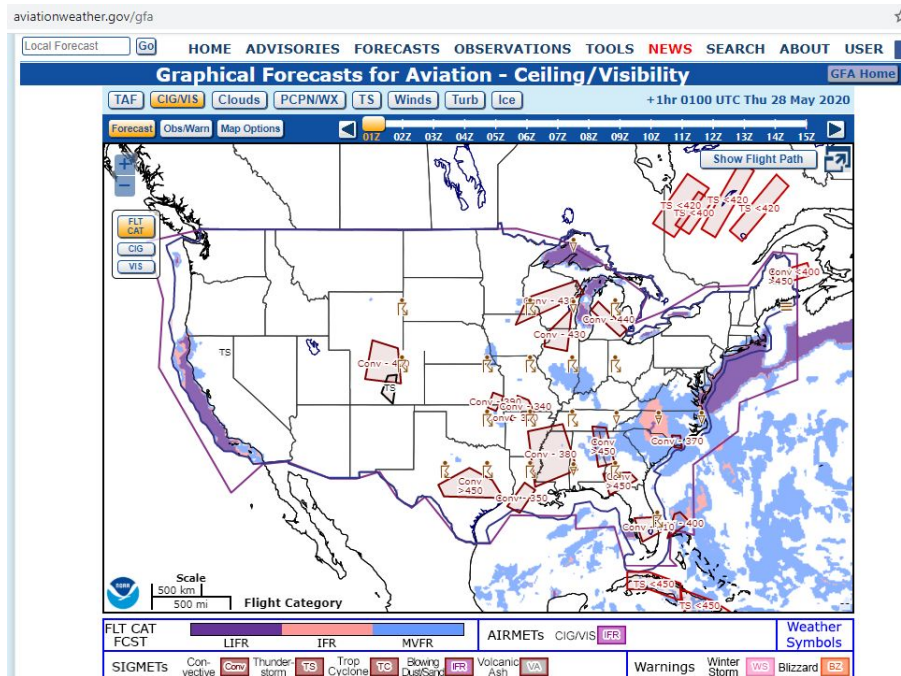


Weather.gov tabular weather

NDFD and DAS - near future displays




digital.weather.gov



aviationweather.gov/GFA

NDFD and DAS - near future displays

aviationweather.gov/taf/board


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NOAA NATIONAL WEATHER SERVICE

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FOR SITUATIONAL AWARENESS. NOT TO BE USED FOR FLIGHT PLANNING PURPOSES.

IDs:

Potential Impact: None Slight Moderate High
 Valid at: 0200 UTC

Time	OBS	28/02Z	28/03Z	28/04Z	28/05Z	28/06Z	28/07Z	28/08Z	28/09Z	28/10Z
@TOPE										
KBOS						CIG	CIG	CIG	CIG	CIG
KCLE										
KLGA	CIG				VIS	VIS	VIS	VIS	VIS	VIS
KEWR	CIG	CIG	CIG	VIS	VIS	VIS	VIS	VIS	VIS	VIS
KJFK	VIS	VIS	VIS	VIS	VIS	VIS	VIS	VIS	VIS	VIS
KPIT										
KPHL			[CIG]	[CIG]	[CIG]	CIG	CIG	CIG	CIG	CIG
KBWI						CIG	CIG	CIG	CIG	CIG
KIAD				CIG	CIG	CIG	CIG	CIG	CIG	CIG
KDCA										
KCLT			CIG	CIG	CIG	CIG		[VIS]	[VIS]	[VIS]
KATL								CIG	CIG	CIG
KMCO										
KTPA										
KFLL										
KMIA										
@TOPC										

IDSS Point Forecasts

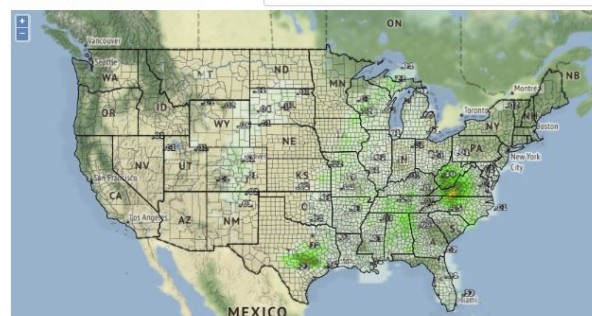


Table updated: 136 pm CDT Wed, 5/27/2020 (Last Update: 423 minutes ago)

[Click for Text Forecast](#)

[ARX Forecast Discussion](#)

2 miles NNW of Friendship, WI

Weekly Summary

	Wed May 27	Thu May 28	Fri May 29	Sat May 30	Sun May 31	Mon Jun 1	Tue Jun 2	Wed Jun 3
Max Temp, °F	76	72	65	67	69	70	80	82
Max Heat Index, °F	76	72	65	67	69	70	81	82
Min Temp, °F	69	61	53	48	46	50	59	64
Max Wind, mph	3	7	10	5	2	9	8	6
Min Wind, mph	3	2	2	1	2	2	5	5
Max Wind Gust, mph	8	17	22	16	14	18	17	20
Max Cloud Cover, %	89	100	39	47	34	84	83	68
Min Cloud Cover, %	82	38	5	11	6	38	57	54
Max Prob. of Precip., %	41	100	2	6	7	38	36	31



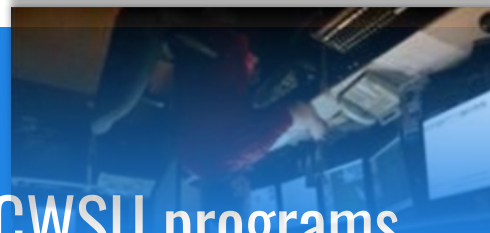
Aviationweather.gov

weather.gov/forecastpoints



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Center Weather Service Units



Imbedded DSS
Aviation Forecasters

- Direct daily interaction with aviation customers
- Forecast Collaboration
- Products
 - Center Weather Advisories
 - Collaboration of thunderstorm forecasts
 - **3x daily Video briefings direct to:**
 - **FAA Center**
 - **TRACONs**
 - **Towers**

Center Weather Service Units



Imbedded DSS
Aviation Forecasters



PRE-DUTY CONTROLLER WEATHER BRIEFING

The Pre-Duty Controller Weather Briefing is designed to increase controller situational awareness. It is produced by the Center Weather Service Unit three times daily. After hours or during changing weather this briefing may not represent the latest information. This product does not replace pilot pre-flight briefings. [Click to view the briefing.](#)

- Preduty Weather Briefings
 - 3x daily Video briefings direct to:
 - FAA Center
 - TRACONs
 - Towers
 - FAA Controllers are required to view the weather briefing prior to handling traffic
 - Ground breaking DSS
 - using video to reach many

Center Weather Service Units

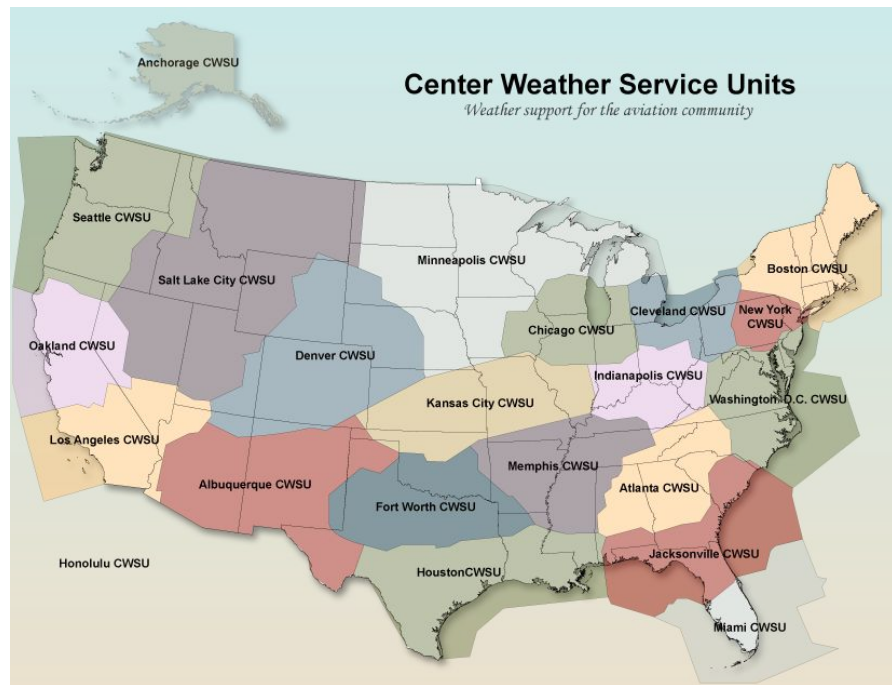


Imbedded DSS
Aviation Forecasters



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weather.gov/crh/cwsu

These are not the best times for flying

But it won't last and NWS
aviation weather forecasts
continue to expand and
improve.



Hope to see you in person next IWAWS

Best to all of you and
your family!

