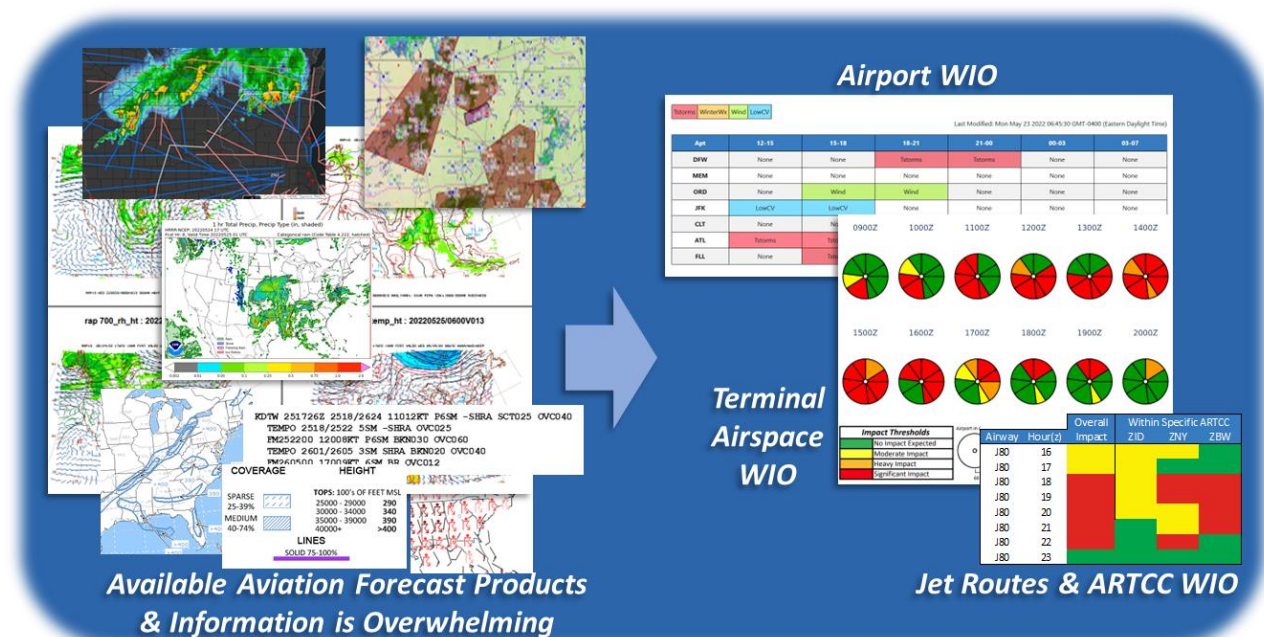


AvMet Weather Impact Outlook (WIO) Suite

Customized Weather Interpretation without Complication



Plan for Expected Impact on Your Operation

AvMet Applications offers solutions which help to enhance flight planning processes with live Forecast/Observed Weather Impact Information Services. These services are provided via webservices, APIs, data feeds, hosted website dashboards, or direct email. They enable one-stop-shopping for your weather information needs that take observed and forecast data from multiple National Weather Service models and sensors, combine and translate them into single, easy to use visual representations and digital formats ready to be integrated into your flight planning tools.

Our Weather Impact Outlook (WIO) Suite is our newest offering. It provides up to 24-hour outlook of disruptive weather impacts to airports, terminal areas, and Jet Routes and Air Route Traffic Control Centers (ARTCCs). WIOs are tailored to your individual operation including specific airports and airspace of interest. Our WIOs greatly simplify the gathering, reviewing, interpreting, and understanding of how weather will impact your operation without needing an advanced degree in meteorology.

Airport WIO

Receive prediction of significant weather impacts for key arrival and departure periods per each airport by weather factor up to 24 hours updated hourly. This service is available for any airport in the US as well as selected aerodromes globally.

Tstorms	WinterWx	Wind	LowCV
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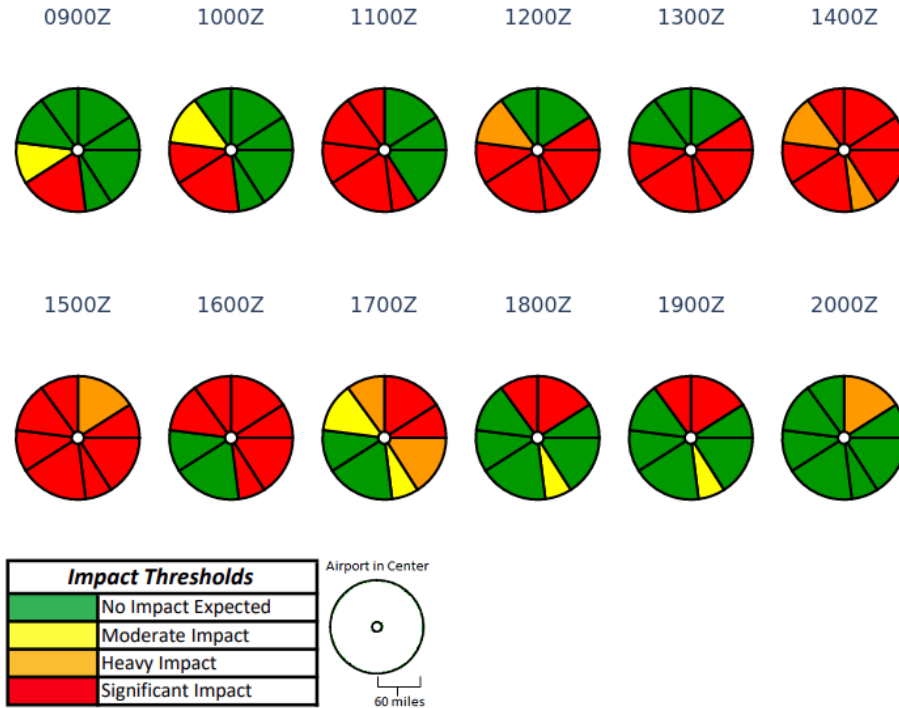
Apt	12-15	15-18	18-21	21-00	00-03	03-07
DFW	None	None	Tstorms	Tstorms	None	None
MEM	None	None	None	None	None	None
ORD	None	Wind	Wind	None	None	None
JFK	LowCV	LowCV	None	None	None	None
CLT	None	None	Tstorms	Tstorms	Tstorms	Tstorms
ATL	Tstorms	Tstorms	Tstorms	None	None	None
FLL	None	Tstorms	Tstorms	None	None	None

Additional detail is available for major airports that provides an hour-by-hour breakdown of the expected traffic demand versus estimated reductions in arrival/departure rates due to inclement weather. This provides direct insight into the potential for airport weather delays.

Date	APT	Hour (z)	Scheduled Flights		Weather Impacted Rates	
			Arrivals	Departures	Arrivals	Departures
7/1/2021	EWR	06	1	0	48	48
7/1/2021	EWR	07	4	0	48	48
7/1/2021	EWR	08	9	3	48	48
7/1/2021	EWR	09	5	7	48	48
7/1/2021	EWR	10	18	9	48	48
7/1/2021	EWR	11	29	10	48	48
7/1/2021	EWR	12	38	18	48	48
7/1/2021	EWR	13	36	25	48	48
7/1/2021	EWR	14	36	16	48	48
7/1/2021	EWR	15	30	16	36	36
7/1/2021	EWR	16	10	14	36	36
7/1/2021	EWR	17	13	33	46	41
7/1/2021	EWR	18	17	22	38	38
7/1/2021	EWR	19	33	26	41	46
7/1/2021	EWR	20	16	26	42	44
7/1/2021	EWR	21	32	30	34	32
7/1/2021	EWR	22	29	38	26	24
7/1/2021	EWR	23	27	30	30	25
7/1/2021	EWR	00	23	19	30	29
7/1/2021	EWR	01	14	19	36	36
7/1/2021	EWR	02	15	19	36	36
7/1/2021	EWR	03	10	28	48	48
7/1/2021	EWR	04	3	15	48	39
7/1/2021	EWR	05	2	6	44	37

Terminal Airspace WIO

Receive information on potential thunderstorm impacts on arrival and departure routes in the terminal airspace of up to 24 hours ahead updated hourly. The airspace around the airport is divided into wedges encompassing typical arrival and departure routes, customizable for each airport. This service is available for any airport in the US as well as selected aerodromes globally.



Jet Routes and ARTCC WIO

Receive jet route or airspace impact outlook up to 24 hours in advance updated hourly. The forecast impact is quantified for the entirety of a jet route and along the route's segments in each sector it traverses.

Airway	Hour(z)	Overall	Within Specific ARTCC		
		Impact	ZID	ZNY	ZBW
J80	16	Yellow	Yellow	Yellow	Green
J80	17	Yellow	Yellow	Green	Green
J80	18	Red	Yellow	Red	Red
J80	19	Red	Yellow	Red	Red
J80	20	Red	Yellow	Yellow	Red
J80	21	Red	Green	Yellow	Red
J80	22	Red	Green	Red	Green
J80	23	Green	Green	Green	Green

About AvMet Applications, Inc.

Since its founding in 2000, AvMet Applications has been developing state-of-the art analysis tools and weather-aware fast time simulation models that can identify and measure the impact of adverse weather on aviation operations.

Our mission is to help the aviation community answer questions associated with weather impacts: “When and where will adverse weather be disruptive? What is the expected impact on my operation? What can we do to reduce this negative impact?”

Contact AvMet at info@avmet.com or +1 703 801 8381.

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