

BIFROST INTRO

JET has a planned disconnect date of 31 MAR 25. Over the past year or so, various functions of JET have gradually been migrated to the new system, BIFROST. On 01 JAN 25, WWAs migrated, so if you use JET Sensor Data page, you will NOT see WWAs. Also, Mission Management is now available in BIFROST so you can use that to request after-hours -1s from the OWS. Here's what you need to know about the new system:

1. Request access at <https://bifrost.afweather.mil>.
 - Enter your government email address and click SIGN-UP.
 - You will then be directed to sign into Air Force Cloud.
2. Open your unit's custom Dashboard (next slide)

The custom Dashboards are public and cannot be altered. You may, however, duplicate a Dashboard and make any changes/customization you'd like. Contact the Weather Station if assistance is needed.

Here's a quick tour of the products you'll see.

BIFROST CUSTOMER DASHBOARDS

KHEY and 19AL Customers: <https://bifrost.afweather.mil/ui/dashboard/62634e67-5291-4cad-a68c-fc5706d5a694>

KLOR Customers: <https://bifrost.afweather.mil/ui/dashboard/ac4ad6c3-f705-4323-bffe-93e963e9af40>

KSXS Customers: <https://bifrost.afweather.mil/ui/dashboard/81da7af1-033e-41c9-81e1-b470fe931b8a>

KFHK Customers: <https://bifrost.afweather.mil/ui/dashboard/42a1ac73-3834-4bf0-94c8-93a7cd81cb9b>

KOZR Customers: <https://bifrost.afweather.mil/ui/dashboard/0cee3748-7470-44ff-959b-8544c4594196>

23 FTS Customers: <https://bifrost.afweather.mil/ui/dashboard/b913a24b-7ac4-4c79-a524-ffdb0c1293d4>

Army IERW Customers: <https://bifrost.afweather.mil/ui/dashboard/630f41b8-3d81-437f-8a66-a25150748658>

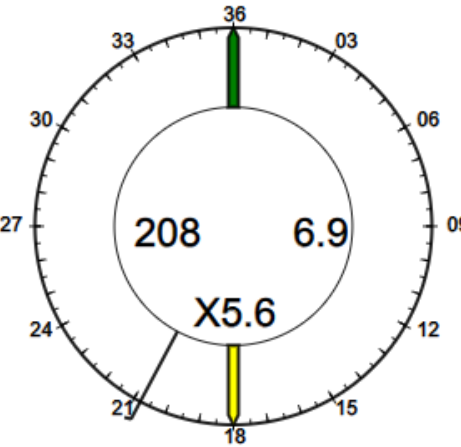
Army Fixed Wing Customers: <https://bifrost.afweather.mil/ui/dashboard/630f41b8-3d81-437f-8a66-a25150748658>

Stage Fields Lightning: <https://bifrost.afweather.mil/ui/dashboard/717a4b3a-3627-449f-9ecf-2358f8d7ced9>

Base Fields Lightning: <https://bifrost.afweather.mil/ui/dashboard/a611b818-bfaa-4915-a53a-64745982f516>

SERE Customers: <https://bifrost.afweather.mil/ui/dashboard/1446de16-52f2-46c4-8b35-813cfe2facb4>

BIFROST PRODUCTS

Winds				Clouds				Temperature				
<div></div>				Layer	OCTAS	SKY	Base HGT		°C	°F		
Not Reporting				CL 1	7	BKN	600 ft	Current Temp	13.3	56		
				CL 2	8	OVC	2800 ft	Temp 24hr Min-Max	7.2-18.3	45-65		
										Dpt	12	54
										Dpt 24hr Min-Max	1.3-12.3	34-54
										Dpd	1.3	2
										RH	92%	
										Heat Index		
										Wind Chill		
Precipitation				Pressure								
Rate/hr 0.04								inHG	mb			

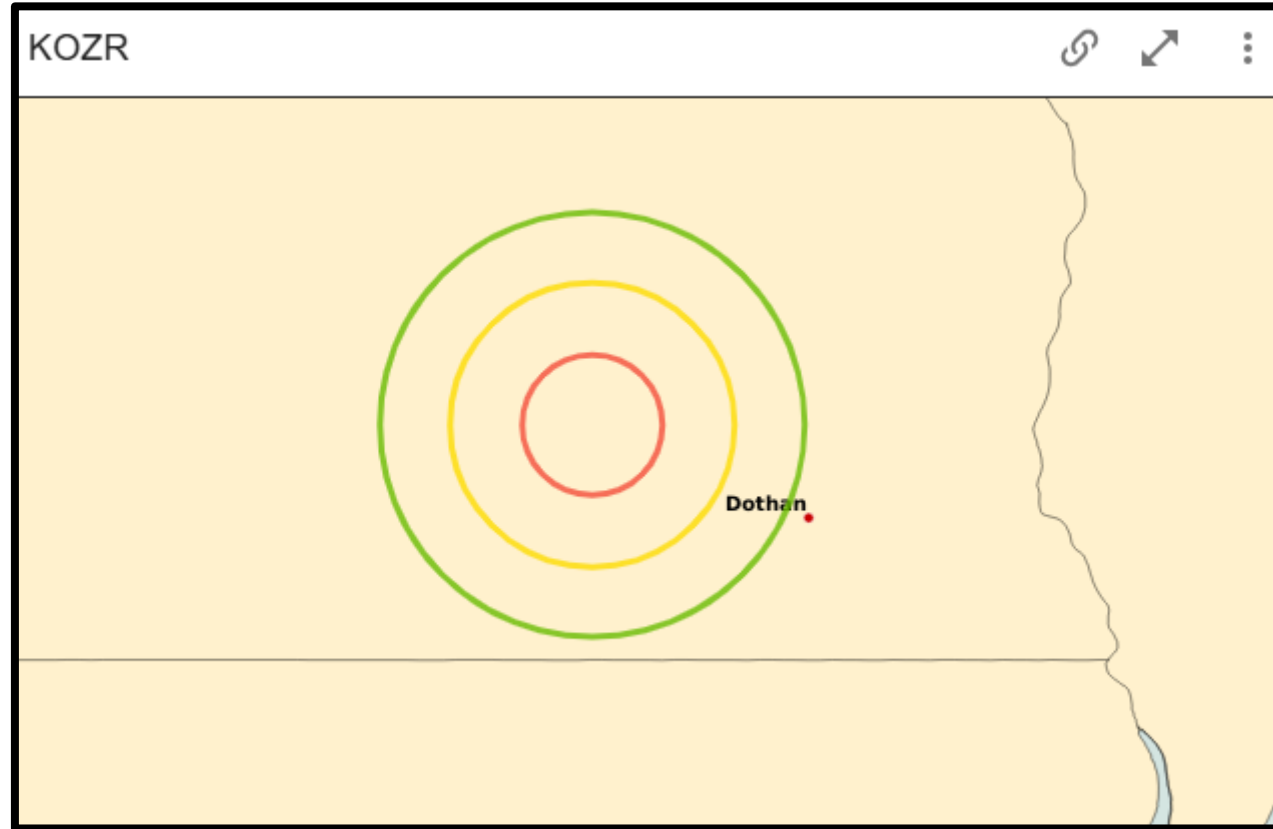
BIFROST PRODUCTS

Dynamic content up to: CUI ⓘ					
Site	Type	Phenom Group	ID	Forecaster	Valid Time ⓘ
KOZR	ADVISORY	Predominant LIFR (60NM)	01-024	Buchanan, A.	01/28 12:30Z to 01/28 15:00Z
KOZR	ADVISORY	Predominant LIFR (15NM)	01-025	Buchanan, A.	01/28 12:30Z to 01/28 15:00Z
KOZR	ADVISORY	MEF AMD 1	01-026	Buchanan, A.	01/28 12:30Z to 01/28 19:00Z
KOZR	ADVISORY	MEF AMD 2	01-027	Buchanan, A.	01/28 13:30Z to 01/28 19:00Z

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WWA Manager lists all active Watches (yellow), Warnings (red), and Advisories (purple). Mouse over for details.

BIFROST PRODUCTS

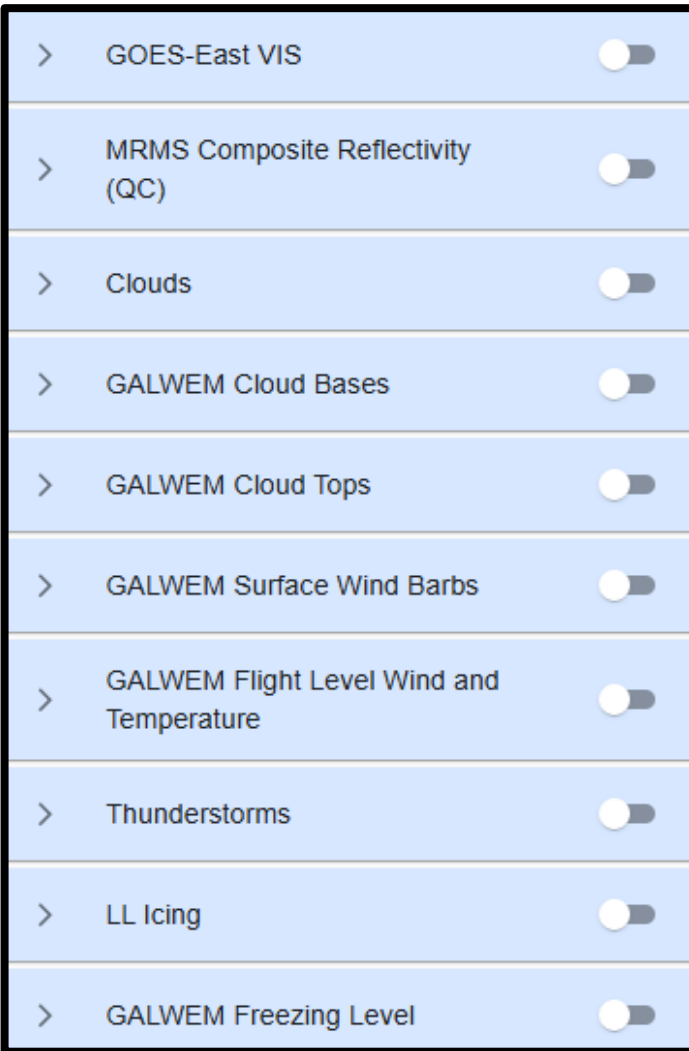


This map displays lightning data. The range rings are 5NM (red), 10NM (yellow), and 15NM (green), centered on Cairns AAF. New strikes are plotted on the map, audibly beep, and pop up on a black banner atop the page. Zoom out to see real-time lightning strikes anywhere in the US!

Green strikes = GO (Strikes > 15 min old)

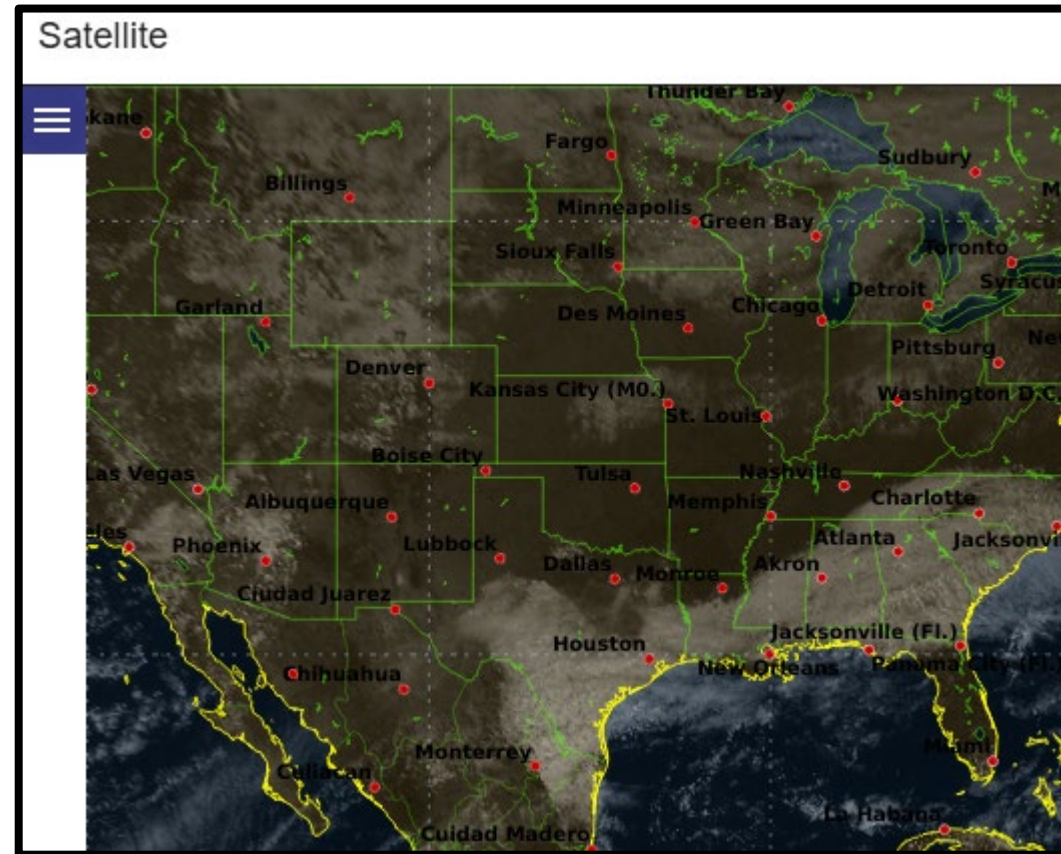
Red strikes = NO GO (Strikes \leq 15 min old)

BIFROST PRODUCTS



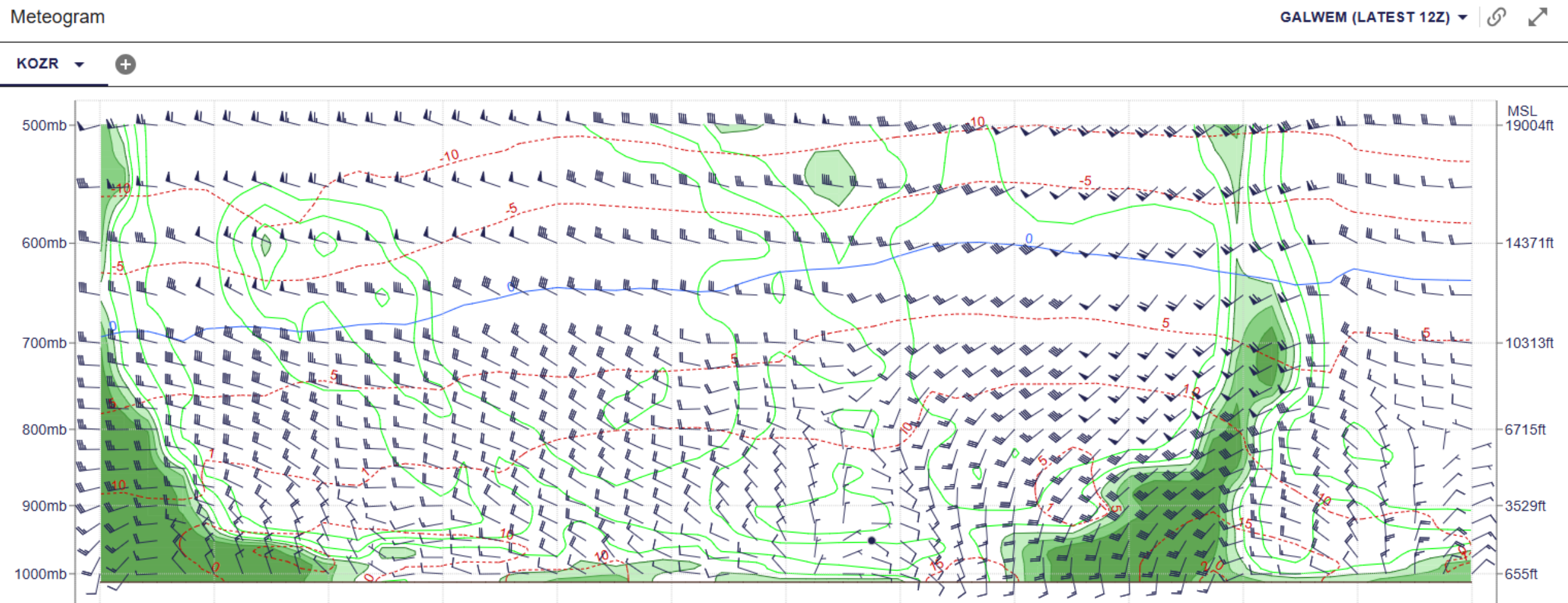
Use the side menu to display lots of overlay options including TURBC, TS, ICING, FL winds/temps, etc. Toggle each layer on/off or add more of your choosing!

BIFROST PRODUCTS



Use the side menu to display lots of overlay options including visible, IR, and water vapor. Toggle each layer on/off or add more of your choosing!

BIFROST PRODUCTS



Forecast Meteogram for KOZR. Freezing Level is in blue; elevations up the right side. Mouse over product to see temp, RH, winds, height, etc.

BIFROST PRODUCTS

Obs and TAFs

12 Hours

SHOW ALL

KOZR

Decoded View

COLUMNSFILTERSDENSITY

Search...

Report

Time

SPECI KOZR 271920Z AUTO 18007KT 5SM -RA BR BKN006 OVC028 13/12 A3008 RMK AO2 CIG 006V028 SLP189=

2025-01-27T19:20:00Z

TAF KOZR 271800Z 2718/2824 15006KT 9999 VCSH FEW035 BKN080 QNH3010INS TEMPO 2718/2720 20015G20KT 3200 SHRA BKN008 OVC012 BECMG 2720/2721 30010G15KT 9999 VCSH BKN008 OVC012 QNH3014INS TEMPO 2720/2724 4800 SHRA BR OVC006 BECMG 2800/2801 31010G15KT 9999 NSW OVC006 QNH3008INS BECMG 2809/2810 31008KT 9999 SCT004 BKN008 QNH3010INS BECMG 2811/2812 31008KT 9999 FEW010 SCT140 QNH3014INS

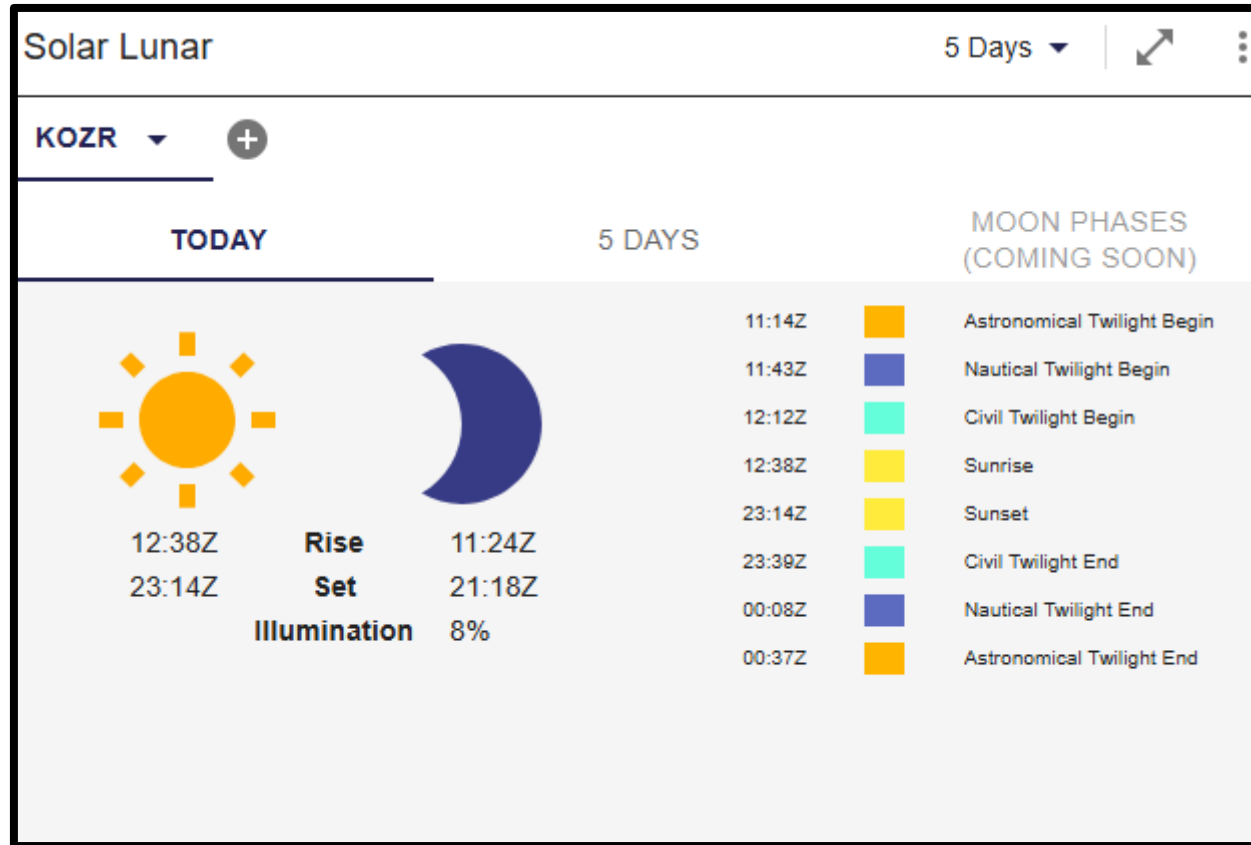
2025-01-27T18:00:00Z

Rows per page: 100

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View KOZR obs and TAF or add additional sites of your own!

BIFROST PRODUCTS



View KOZR solar lunar data or add additional sites of your own!

BIFROST PRODUCTS

Dash One Request

MISSIONS

VERBAL LOGS

REQUEST WX BRIEF

COLUMNS FILTERS DENSITY														Search...	
Mission ID	Unit	Call Sign ...	Owner	Status ⓘ	Submitte...	Requ... ↑	Departure	ETD (Z)	ORM ⓘ	Arrival	ETA (Z)	Assigned	✉	Ac...	
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To request a -1 from the OWS after the Weather Station has closed, click Request Wx Brief. Complete the self-explanatory form and submit.

NOTE: During duty hours, the Weather Station will complete -1s just like we do now. Business as usual!

BIFROST PRODUCTS

KHEY - HANCHEY AHP - GALWEM 2025-04-09T06:00:00Z Extracted Model Run																	
Valid	0 hr Wed 09/06Z 09/00L	3 hr Wed 09/09Z 09/03L	6 hr Wed 09/12Z 09/06L	9 hr Wed 09/15Z 09/09L	12 hr Wed 09/18Z 09/12L	15 hr Wed 09/21Z 09/15L	18 hr Thu 10/00Z 09/18L	21 hr Thu 10/03Z 09/21L	24 hr Thu 10/06Z 10/00L	27 hr Thu 10/09Z 10/03L	30 hr Thu 10/12Z 10/06L	33 hr Thu 10/15Z 10/09L	36 hr Thu 10/18Z 10/12L	39 hr Thu 10/21Z 10/15L	42 hr Fri 11/00Z 10/18L	45 hr Fri 11/03Z 10/21L	48 hr Fri 11/06Z 11/00L
Temp °F	52°F	49°F	46°F	56°F	63°F	66°F	62°F	55°F	51°F	48°F	48°F	64°F	71°F	73°F	67°F	62°F	60°F
Temp °C	11°C	9°C	8°C	13°C	17°C	19°C	17°C	13°C	11°C	9°C	9°C	18°C	21°C	23°C	20°C	17°C	16°C
DP Temp °F	43	40	39	38	37	39	41	39	41	39	40	48	46	48	51	55	54
DP Temp °C	6	5	4	3	3	4	5	4	5	4	4	9	8	9	10	13	12
Humidity	73%	73%	75%	51%	39%	37%	46%	56%	67%	69%	74%	57%	41%	41%	55%	77%	81%
Wind Chill	52°F	49°F	46°F	56°F	63°F	66°F	62°F	55°F	51°F	48°F	48°F	64°F	71°F	73°F	67°F	62°F	60°F
Heat Index	52	49	46	56	63	66	62	55	51	48	48	64	77	77	67	62	60
FITS	62	58	56	63	69	72	69	63	60	57	57	74	78	80	77	74	72
Gen Wx	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon
Cloud Coverage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	6
Lowest Ceiling															055		054
Winds (kts)	360/4 4	000/5 5	360/4 4	010/4 4	350/2 2	330/3 3	360/2 2	070/3 3	130/3 3	250/2 2	240/1 1	210/4 4	260/5 14	260/6 14	200/3 3	210/8 15	230/8 16
Cross Wind (kts)																	
1,000 ft MSL Winds	020/17	030/12	030/7	360/5	360/2	330/3	350/3	090/4	160/4	240/4	260/5	250/8	260/7	260/9	250/9	240/20	240/29
2,000 ft MSL Winds	360/14	360/13	350/10	360/7	360/2	330/3	350/3	080/3	170/3	270/6	290/7	280/8	260/7	270/10	260/11	240/16	250/26
3,000 ft MSL Winds	340/14	340/15	340/14	010/10	030/3	330/3	340/3	080/1	210/3	280/7	300/9	300/9	270/7	270/10	270/13	250/14	250/24
4,000 ft MSL Winds	320/14	320/15	340/13	010/9	020/3	340/3	330/2	140/1	210/4	260/6	280/8	300/10	280/7	270/11	270/15	260/14	260/24
5,000 ft MSL Winds	310/14	320/14	350/11	010/8	340/5	340/4	000/3	140/2	200/5	240/7	260/9	280/10	280/12	270/12	280/16	270/14	270/25
6,000 ft MSL Winds	320/13	330/12	350/11	350/8	330/8	340/7	000/4	290/1	230/4	250/8	270/9	270/11	280/18	290/15	280/17	280/15	270/27
Visibility	15	15	15	15	15	15	15	14	13	11	10	15	15	15	15	9	8
Precip																	
3 hr Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of TSTM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Snow		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Frz Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Fog	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0%	0%
ALSTG (in hg)	30.10	30.13	30.17	30.21	30.19	30.14	30.16	30.20	30.20	30.19	30.22	30.23	30.18	30.11	30.09	30.08	30.04
Press Alt (ft)	142	120	76	43	62	105	89	54	56	65	35	27	69	136	153	164	195
Density Alt (ft)	-163	-407	-620	-25	457	733	429	-76	-321	-500	-565	548	996	1227	916	623	511
Max Turb Blo 10K	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	LIGHT	LIGHT
Max Icg Blo 10K	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Trop Hgt (ft)	13875	13865	13871	13876	13865	13855	13874	13893	13880	13869	13874	13880	12049	13867	13864	13858	13829
Freezing Lvl (ft AGL)	10076	10006	10613	10770	11090	11291	11408	11470	11414	11196	11079	11564	11115	11216	10866	10817	10330

Planning data is model-derived. Shows data in 3-hr increments out to 6 days.