

# MISSION EXECUTION FORECAST

## FOR PLANNING PURPOSES ONLY: CONTACT SWO FOR OFFICIAL BRIEF

DAY 17	MONTH JAN	YEAR 2023	VALID PERIOD 0500-1700L	MEF # 17-01	FORECASTER NAME AIC JOHNSON	LAKE ONTARIO TEMP 39°F	PMSV →→	UHF: 317.5
-----------	--------------	--------------	----------------------------	----------------	--------------------------------	---------------------------	---------	------------

### WHEELER-SACK AAF FORECAST

VALID TIME	WINDS (KTS)	VISIBILITY & WEATHER	SKY CONDITION	MAX TEMP		WND CHILL		RH	MIN	MAX	MAX	
				°C	°F	°C	°F	%				ALSTG
0500-0700L	150 10	7 / NONE	SCT200	-10	14	-18	0	80	29.72	INS	878	-1978
0700-0900L	150 10	7 / NONE	SCT200	-7	19	-14	7	78	29.71	INS	887	-1609
0900-1100L	150 10	7 / NONE	SCT200	-3	27	-9	16	81	29.67	INS	924	-1092
1100-1300L	160 08	7 / NONE	BKN080 OVC200	-2	28	-7	20	90	29.60	INS	989	-907
1300-1500L	170 08	5 / -RA (TEMPO: -FZRA)	OVC030	-1	30	-6	22	94	29.57	INS	1017	-759
1500-1700L	170 08	5 / -RA (TEMPO: -FZRA)	OVC014	-1	30	-6	22	94	29.56	INS	1026	-750

### Area of Operations (AO) Forecasts

TIME (L)	Western AO						Tug Hill AO						Eastern AO					
	05-07	07-09	09-11	11-13	13-15	15-17	05-07	07-09	09-11	11-13	13-15	15-17	05-07	07-09	09-11	11-13	13-15	15-17
LOWEST CLD DECK	200	200	200	083	033	017	200	200	200	070	020	004	200	200	200	075	025	009
MIN CIG	*	*	*	083	033	017	*	*	*	070	020	004	*	*	*	075	025	009
MIN VIS	7	7	7	7	5	5	7	7	7	7	5	5	7	7	7	7	5	5
WEATHER	*	*	*	*	FZRA	FZRA	*	*	*	*	FZRA	FZRA	*	*	*	*	FZRA	FZRA
WND DIR	150	150	150	160	170	170	160	160	160	170	180	180	140	140	140	150	160	160
MAX SPD	10	10	10	08	08	08	12	12	12	10	10	10	11	11	11	10	10	10

### FLIGHT LEVEL HAZARDS

	Western AO						Tug Hill AO						Eastern AO					
	05-07	07-09	09-11	11-13	13-15	15-17	05-07	07-09	09-11	11-13	13-15	15-17	05-07	07-09	09-11	11-13	13-15	15-17
THUNDERSTORMS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ICING INTENSITY	*	*	*	L	S	S	*	*	*	L	S	S	*	*	*	L	S	S
ICING TYPE	*	*	*	RIME	CLR	CLR	*	*	*	RIME	CLR	CLR	*	*	*	RIME	CLR	CLR
ICING LEVEL	*	*	*	083-100	SFC-033	SFC-017	*	*	*	070-100	SFC-020	SFC-004	*	*	*	075-100	SFC-025	SFC-009
**TURB CAT II INTENSITY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
TURB CAT II LEVELS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

### Northern AO

TIME (L)	05-07	07-09	09-11	11-13	13-15	15-17
LOWEST CLD DECK	150	150	150	150	150	150
MIN CIG	*	*	*	*	*	*
MIN VIS	6	7	7	7	7	7
WEATHER	BR	*	*	*	*	*
WND DIR	VRB	VRB	VRB	VRB	VRB	VRB
MAX SPD	03	03	03	03	03	03

### Adirondacks AO

TIME (L)	05-07	07-09	09-11	11-13	13-15	15-17
LOWEST CLD DECK	250	250	250	250	250	050
MIN CIG	*	*	*	*	*	050
MIN VIS	7	7	7	7	7	6
WEATHER	*	*	*	*	*	BR
WND DIR	000	000	000	000	000	000
MAX SPD	00	00	00	00	00	00

### FLIGHT LEVEL WIND & TEMP

LEVEL	TIME (L)			
	17/0800		17/1400	
005	17005	-05	14010	+00
010	18000	-01	17010	+00
015	22000	+01	18010	+01
020	25000	+03	19010	+01
030	25005	+04	20015	+01
040	26010	+04	23020	+01
050	27010	+02	25025	+01
060	26010	+00	27025	+00
070	24010	-02	27025	-02
080	23010	-03	27025	-04
090	23015	-03	26025	-06
100	23015	-05	26025	-08

### FLIGHT LEVEL HAZARDS

	Northern AO						Adirondacks AO					
	05-07	07-09	09-11	11-13	13-15	15-17	05-07	07-09	09-11	11-13	13-15	15-17
THUNDERSTORMS	*	*	*	*	*	*	*	*	*	*	*	*
ICING INTENSITY	*	*	*	*	*	*	*	*	*	*	*	L
ICING TYPE	*	*	*	*	*	*	*	*	*	*	*	RIME
ICING LEVEL	*	*	*	*	*	*	*	*	*	*	*	050-100
**TURB CAT II INTENSITY	*	*	*	*	*	*	*	*	*	*	*	*
TURB CAT II LEVELS	*	*	*	*	*	*	*	*	*	*	*	*

### SOLAR/LUNAR DATA

	DATE / TIME (L)		DATE / TIME (L)
BMNT	17/0626	MR	18/0427
SR	17/0733	MS	17/1233
SS	17/1653	ILLUM	21%
EENT	17/1800	NVG	N/A

\*NVG = ILLUM GTE 30% & ANGLE GTE 30 DEG

### SPACE WEATHER IMPACTS

S-SEVERE M-MARGINAL N/A-NO IMPACT					
UHF	N/A	HF	N/A	GPS	N/A

MIN FREEZING

SFC

CONTACT WEATHER FORECASTER OR VISIT SITES LISTED FOR CURRENT WEATHER WATCHES, WARNINGS, AND ADVISORIES

**10TH CAB SHAREPOINT: SWO REPORTS**

[https://army.deps.mil/Army/CMDS/FORSCOM\\_10mtn\\_10cab/SWO%20Reports/Forms/AllItems.aspx](https://army.deps.mil/Army/CMDS/FORSCOM_10mtn_10cab/SWO%20Reports/Forms/AllItems.aspx)

**15TH OPERATIONAL WEATHER SQ (SCOTT AFB, IL)**

<https://15sows.us.af.mil>

For briefing support, please contact Battalion SWOs before calling the forecast counter

1-10 SWO (315) 774-1621	3-10 SWO (315) 774-3658
2-10 SWO (315) 772-3797	6-6 SWO (315) 774-4283
Forecast Counter (315) 772-6065 / (315) 772-2335	

### CREW NOTES

\*\*For CAT I aircraft adjust one level UP from CAT II Turbulence.  
 \*\*For CAT III aircraft adjust one level DOWN from CAT II Turbulence.  
 I.E: CAT II Lgt Turb - CAT I Lgt-Mod; CAT II Mod Turb - CAT III Lgt-Mod  
 All times on the MEF are Local

## MISSION EXECUTION FORECAST

**FOR PLANNING PURPOSES ONLY: CONTACT SWO FOR OFFICIAL BRIEF**

DAY	MONTH	YEAR	VALID PERIOD	MEF #	FORECASTER NAME
17	JAN	2023	0500-1700L	17-01	A1C JOHNSON

PMSV →→	UHF: 317.5
---------	------------

### MEDEVAC ROUTE FORECAST

	SYRACUSE ROUTE					
TIME (L)	05-07	07-09	09-11	11-13	13-15	15-17
STATUS	*	*	035	035	020	004
MIN CIG	*	*	035	035	020	004
MIN VIS	7	7	6	6	5	5
WEATHER	*	*	FZRA	FZRA	FZRA	FZRA
WND DIR/SPEED	16012	16012	16012	17010	18010	18010
FLIGHT LEVEL HAZARDS	S CLR SFC-035					

	BURLINGTON ROUTE (SOUTH)					
TIME (L)	05-07	07-09	09-11	11-13	13-15	15-17
STATUS	*	*	*	*	030	014
MIN CIG	*	*	*	*	030	014
MIN VIS	7	7	7	7	5	5
WEATHER	*	*	*	*	FZRA	FZRA
WND DIR/SPEED	15010	15010	15010	16008	17008	17008
FLIGHT LEVEL HAZARDS	S CLR SFC-030					

	BURLINGTON ROUTE (NORTH)					
TIME (L)	05-07	07-09	09-11	11-13	13-15	15-17
STATUS	*	*	*	*	030	014
MIN CIG	*	*	*	*	030	014
MIN VIS	6	7	7	7	5	5
WEATHER	BR	*	*	*	FZRA	FZRA
WND DIR/SPEED	15010	15010	15010	16008	17008	17008
FLIGHT LEVEL HAZARDS	S CLR SFC-030					

COLOR CODE	
FAVORABLE	
MARGINAL	
UNFAVORABLE	



3-10 SWO (315) 774-3658  
 Forecast Counter (315) 772-6065 / (315) 772-2335

**NOTES:**

**On weekends, federal holidays, or during airfield closure, please call (315) 804-4417 for the standby forecaster.**