



From: Commander, NYS Military Emergency Boat Service

Subj: OPSUM 8 DEC 2023 MEBS PROGRAM

The link to the MEBS LOG APP is <https://www.jotform.com/app/build/222037196822152>

**The following is the status of the New York State Military Emergency Boat Service**

1) ADMINISTRATION:

- a. U.S. Coast Guard Sector Buffalo appears to be coordinating an on-water task force in preparation for the total solar eclipse on 8APR24. They have reached out to us to find our interest in participating. We have replied that we expect to have the two PB280-class boats available in Buffalo; arriving the weekend of 5-7APR, and if requested through DHSES, we expect to be able to support their task force.
- b. We are tentatively planning for the WESTCOM Kick-off Weekend to take place in the Bailey Boathouse at NRC Buffalo on 6-7 APR 24. This event is for local/WESTCOM MEBS members to start the boating season.
- c. Upcoming events: (new events highlighted)
  - i. 9DEC23: NY Military Ball; West Point
  - ii. 6-7 APR24: WESTCOM regional kick off weekend; Buffalo

2) INFORMATION: **8 April 2024** Total Solar Eclipse Information

*NATIONALECLIPSE.COM*

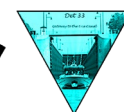
The centerline of the eclipse enters New York over Lake Erie at approximately 2:03pm EDT, with totality beginning in that location at about 3:16pm EDT.

The path of totality traces a grand arc across western and northern New York, crossing both large cities and high peaks. Although New York shares the eclipse with Canada for the length of its journey across the state, most of the width of the path belongs to New York and the centerline travels through the Empire State exclusively.

When it enters the state, the centerline is still over Lake Erie, but it soon touches land again when it crosses directly over Buffalo. So often the punchline of jokes, Buffalo gets the last laugh on April 8 with a very lengthy duration of totality lasting for about 3 minutes and 45 seconds downtown. Just north of Buffalo, you can be sure that scores of people will want to witness the show in the sky with one of Earth's great natural wonders as a backdrop. It will be a surreal experience in Niagara Falls USA where totality will last for about 3 minutes and 31 seconds in the downtown area. As it does in Pennsylvania and Ohio, Interstate 90 parallels the centerline along the shore of Lake Erie in western New York all the way to Buffalo.

The centerline doesn't stay over dry land for long. It soon heads out into open water again, this time Lake Ontario. As is the case with Lake Erie to the west, weather experts think the cold lake waters could aid eclipse viewers by preventing clouds from forming above and around the lakes. On the southern shore of Lake Ontario, Rochester is very close to the centerline at this point and totality will last for about 3 minutes and 39 seconds in the downtown. After crossing through the Finger Lakes region of New York, the eclipse crosses over Syracuse. Situated near the eastern limit of the path, Syracuse will get about 1 minute and 24 seconds of totality downtown but longer durations can be reached by driving north on Interstate 81, which meets up with the centerline.

As it reaches the eastern shore of Lake Ontario, the centerline once again touches down on New York soil and the path of totality heads across northern New York to the Adirondack Mountains. The Adirondacks promise to be one of the most scenic places to view the 2024 eclipse, but high elevations can produce clouds and the weather in early April could be unpredictable in this part of the country. Many of the beautiful mountain lakes, which otherwise would

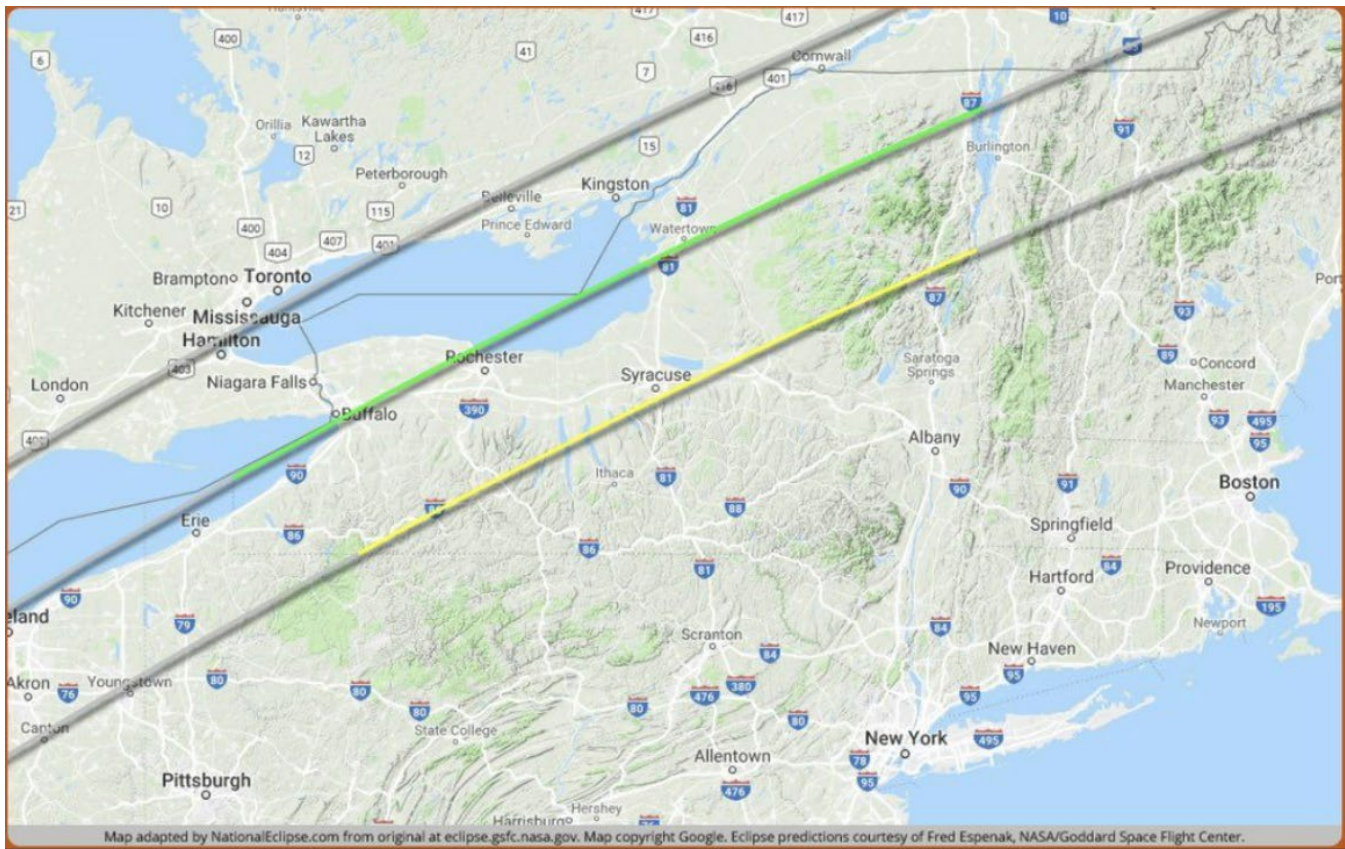




short-term weather forecasts for the region in the days leading up to the eclipse.

Lake Champlain stretches across the entire width of the eclipse path in New York and will offer plenty of scenic viewing opportunities. Interstate 87 bisects the eclipse path as it parallels Lake Champlain and the border with Vermont and will make getting into totality easy for travelers coming up from downstate New York.

The centerline of the eclipse exits the state as it crosses Lake Champlain at approximately 4:37pm EDT, with totality coming to an end in that location at about 3:29pm EDT. From the Pennsylvania-New York border to the New York-Vermont border, the Moon's shadow travels approximately 359 miles along the centerline in 8 minutes and 57 seconds at an average speed of 2,405 miles per hour.

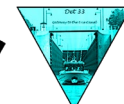


Solar Eclipse Path; 8APR24

3) OPERATIONS:

a. Readiness Rating:

MEBS Readiness Rating	Minimum Standard	Actual	Rating	Goal
Personnel Census P-Rating	90	81	2	120 MEBS Members
Personnel Staff S-Rating	7	12	1	13 Key Staff
Training Qualifications Q-Rating	30	31	1	45 Qualified Coxswains







Training Proficiency	T1-Rating	126	90	2	240 Proficiency Mandays (2/member/year)
Additional Training	T2-Rating	90%	79.72%	2	Basic Course, Towing Cert., UECO, and +
Communications Reliability	K-Rating	90%	97.56%	1	100% Functionality
Equipment Maintenance	E-Rating	90%	85.65%	2	100% Operational
Equipment Vehicle Quantity	V-Rating	11	9	2	11 Trucks

**Overall Readiness R-RATING**

1.63	2
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**Date:**

**8-Dec-23**

b. JTFES Naval Det activity for the past week:

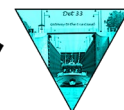
i. DET 1 Indian Point Activity: Federal Safety and Security Zone Patrol/Lower Hudson River Patrol.

ii. DET 2 Staten Island Activity: Support to USCG Sector NY.



*PB440 underway on 7DEC with teams from JTFES*

iii. DET 3 Jones Beach Activity: Support to JTFES and USCG Sector NY.





4) LOGISTICS:

a. LC 350 is NMC, being repaired at Atlantic Service and Equipment, in Arverne. The starboard engine is getting a low DFI engine oil alarm. The reservoir is not topping up. We believe the problem is either a clogged oil line or air leak that is affecting the vacuum.

b. LC 351 has a seal that is leaking by under the flywheel of the starboard engine. The engine has been losing significant amount of oil during operations.

c. The purchase order to buy a new lower end unit for PB300 has been approved and submitted to Coeymans Landing Marina for their procurement. ETR TBD.

d. SFY 2023-24 Expenditures to date:

Cost Area	Cost
General	\$2,966.95
Boat Maintenance	\$124,103.60
Truck Maintenance	\$1,746.20
Trailer Maintenance	\$1,204.86
Travel/Per Diem	\$19,447.15
Boat Gasoline	\$13,118.83
Truck Diesel	\$5,916.05
Major Acquisition	\$254,387.36
Grants Reimbursement	-\$61,966.54
Total	\$360,924.46
Available:	\$84,170.42

e. Boat, Truck and Trailer Status / Locations:

Bow / Bumper #	Boat / Vehicle	Location	Status	Mission	Comments
PB 220	Patrol Boat	Leeds	FMC	Available	On trailer
PB 221	Patrol Boat	Leeds	FMC	Available	On trailer
PB 230	Patrol Boat	Leeds	FMC	Available	On trailer
PB 280	Patrol Boat	Leeds	FMC	Available	On trailer
PB 281	Patrol Boat	Leeds	FMC	Available	On trailer
PB 300	Patrol Boat	Leeds	NMC	Maintenance	Port engine oil seal replacement and lower ends blown. ETR tbd. Awaiting parts via purchase order.
PB 301	Patrol Boat	Jones Beach	FMC	JTFES DET 3	Ready, in water.
LC 350	Landing Craft	Arverne	NMC	Maintenance	Loss of two-stroke oil pressure. At Atlantic Service for repair.





LC 351	Landing Craft	Leeds	NMC	Maintenance	Loss of port engine oil. ETR TBD.
PB 400	Patrol Boat	Verplanck	FMC	JTFES DET 1	Ready, in water.
PB 440	Patrol Boat	Staten Island	FMC	JTFES DET 2	Ready, in water.
F350-5274	Prime Mover	Camp Smith	FMC	N/A	Ready
F350-5275	Prime Mover	Leeds	FMC	N/A	Ready
F350-5327	Prime Mover	Leeds	FMC	N/A	Ready
F350-5329	Prime Mover	Leeds	FMC	N/A	Ready
F350-5339	Prime Mover	Leeds	FMC	N/A	Ready
F350-5340	Prime Mover	Leeds	FMC	N/A	Ready
F350-5619	Prime Mover	Leeds	FMC	N/A	Ready
F550-5008	Prime Mover	Leeds	PMC	N/A	Ready. No long-range tows.
F550-5009	Prime Mover	Camp Smith	FMC	N/A	Ready
CT 8901	Cargo Trailer	Staten Island	FMC	N/A	Ready
CP 8902	C2 Trailer	Leeds	FMC	N/A	Ready
MT 8903	Maint Trailer	Leeds	FMC	NA	Ready

- 5) PLANNING AND EXERCISES. N/A
- 6) COMMUNICATIONS. N/A
- 7) TRAINING. OSCS Otty will be in Laconia, NH for the next two weeks for Mercury Marine technician labs.

