

 <p>Oregon Department of Transportation</p> <p><i>Transportation Operations Center Standard Operating Guideline</i></p>	NUMBER: 50.7.2	SUPERSEDES: December 13, 2006
	EFFECTIVE DATE: April 15, 2009	PAGES: 6
	REVIEW AND VALIDATION DATE: April 15, 2009	
	REFERENCES:	
SUBJECT: Yaquina Bay Weather Warning System Data Notification		

PURPOSE: The Weather Warning System (WWS) located at Yaquina Bay detects excessive wind speeds in the area. When high wind conditions are detected, the system automatically activates flashing beacons to warn motorists of high winds, auto-generates an event in TOCS to be reviewed and posted by a TOC operator, and notifies various ODOT individuals via page.

BACKGROUND INFORMATION

1. The WWS is designed to automatically alert the appropriate constituents via page or email based on the various condition levels:
 - a. Condition Level 0 – Average wind speed reaches 45 mph.
 - b. Condition Level 1 – Average wind speed reaches 60 mph.
 - c. Condition Level 2 – Average wind speed reaches 80 mph.
 - d. Deactivation Condition Level 1 – Average wind speed drops to 35 mph.
2. The flashing beacons will automatically turn on when the average wind speed reaches 35 mph. They will automatically turn off when the wind speed drops below 25 mph.
3. An event, requiring operator review, with an impact of Information only will be created in TOCS for posting to ATIS when detected wind speeds are between 35-80 mph.
4. An event, requiring operator review, with an impact estimating the delay to be between 20 minutes and 2 hours will be created in TOCS for posting to ATIS when detected speeds are greater than 80 mph.
5. Data should also appear in SCAN Web (<http://scanweb>)
6. If an event has met the end date/time in TOCS, the operator should go into SCAN Web and check to see if the wind speed still meets the criteria. If so, extend the length of the event another three hours.

****NOTE** Once wind conditions have met the deactivation criteria, the event will automatically clear from TOCS. Do not manually clear these incidents.**

RESPONSE GUIDELINES

Wind Speeds Averaging 35 mph

TOCS automatically generates an event with an impact of Information only, requiring operator review.

Condition Level 0:

1. Appropriate staff will be automatically paged via the **Yaquina Bay Page List** and the **Yaquina Bay Email List** in Outlook. To modify the list (add, remove, or update), please contact the ITS Operations Coordinator.
2. TOCS automatically generates an event with an impact of Information only, requiring dispatcher review.

Condition Level 1:

1. Appropriate staff will be automatically paged via the **Yaquina Bay Page List** and the **Yaquina Bay Email List** in Outlook. To modify the list (add, remove, or update), please contact the ITS Operations Coordinator.
2. TOCS will automatically generate a High Wind Warning event requiring operator review.
3. Operators should verify wind conditions using SCAN Web (<http://scanweb>), the OSU Marine Science Center weather Web site (<http://weather.hmsc.oregonstate.edu/>) or on duty units before posting the event to ATIS. If conditions warrant, Ona Beach Bridge Crew will advise if bridge will be closed to high profile traffic. Operators should modify the event according to updates provided by the Bridge Crew.
4. The system will automatically fax the **Level 1 Notice**, in the following pages, to the Fax List below.
5. If you have posted the event to ATIS but have not received the fax within 15 minutes, print the applicable fax sheet and send it to the Fax/Call list.

FAX / CALL LIST

Contact	Phone	Fax	Comments
Lincom/NewportPD	(541) 265-4231	(541) 265-3766	
OSP	(541) 265-5353	(503) 585-6635	
Linc. Cnty Sch Dist	(541) 265-9211	(541) 336-5400	8A-5P Mon–Fri
Rich Belloni	(541) 265-2486	(541) 270-3231 Cell	After hours
KNPT & KYTE	(541) 265-2266	(541) 265-6397	
KSHL	(541) 265-6477	(541) 265-6478	
KPPT	(541) 265-5000		
KCRF & KNCU	(541) 265-2266	(541) 265-6397	
KORC	(541) 563-5100	(541) 563-5116	
OR Trucking Assoc	(888) 293-0005	(503) 513-0008	
ODOT NWTOC	(503) 362-0457	(503) 371-5924	
Ona Beach Bridge	(541)563-6400	(541) 563-6406	Ext. 6

Condition Level 2:

1. Appropriate staff will be automatically paged via the **Yaquina Bay Page List** and the **Yaquina Bay Email List** in Outlook. To modify the list (add, remove, or update), please contact the ITS Operations Coordinator.
2. TOCS will generate an event requiring operator review.

3. Operators will contact Ona Beach Bridge Crew to verify conditions before posting the event in TOCS. If conditions warrant, Ona Beach Bridge Crew will advise if bridge will be closed to high profile traffic. Operators should modify the incident according to updates provided by the Bridge Crew.
4. The system will automatically fax the **Level 2 Notice**, below, to the fax list.
5. If you have posted the event to ATIS and have not received the fax within 15 minutes, print the applicable fax sheet and send it to the fax list.

Deactivation Condition:

1. Appropriate staff will be automatically paged via the **Yaquina Bay Email List** in Outlook. To modify the list (add, remove, or update), please contact the ITS Operations Coordinator.
2. TOCS will close the event.
3. The system will automatically fax the **Deactivation Notice**, below, to the fax list.
4. If you are aware that the event in TOCS has cleared and have not received the fax within 15 minutes, print the applicable fax sheet and send it to the fax list.

UPDATES AND CHANGES

Contact ITS Operations Coordinator 503-986-6568 with recommended updates and changes.

VERSION CHANGES

- January 9th, 2006 - Added step telling the dispatcher what to do when incident expires. Removed additional fax lists.
- April 13th, 2006 – Updated faxing criteria to be sent by the system instead of from the dispatchers.
- December 13, 2006 – Updated Fax List and changed wording to reflect that ODOT no longer closes the bridge to high-profile vehicles.
- April 15, 2009 – Updated to be functionally correct for TOCS

Yaquina Bay Bridge
HIGH WIND
WARNING

Issued by the Oregon Department of Transportation
Northwest Transportation Operations Center
Salem, Oregon • 503-362-0457

17 August, 2010

10:18 AM

NEWPORT, ORE. – The Oregon Department of Transportation has issued the following Traveler's Advisory for the Yaquina Bay Bridge on the Oregon Coast Highway (U.S. 101, mile post 141.4)

LEVEL 1 (wind gusts of up to 60 miles per hour): ADVISORY

Increasing winds, on the Yaquina Bay Bridge, have prompted ODOT to advise drivers that there may be the potential for hazardous driving conditions for high-profile vehicles.

If wind conditions warrant, the road may close at any time to high-profile vehicles and be manned by ODOT or OSP personnel.

HIGH PROFILE VEHICLES DEFINED

ODOT defines high-profile vehicles as vehicles with large, flat, vertical surfaces exposed to the wind. Examples include large commercial box vans, box trailers, trailer-mounted cargo containers, mobile homes, school buses motor homes and travel trailers. Vehicles and trailers with visible cargo such as flatbed trucks, stake and platform trailers and log trucks are not considered high-profile vehicles.

Yaquina Bay Bridge
HIGH WIND
WARNING

Issued by the Oregon Department of Transportation
Northwest Transportation Operations Center
Salem, Oregon • 503-362-0457

17 August, 2010

10:18 AM

NEWPORT, ORE. – The Oregon Department of Transportation has issued the following Traveler’s Advisory for the Yaquina Bay Bridge on the Oregon Coast Highway (U.S. 101, mile post 141.4)

LEVEL 2 (wind gusts of up to 80 miles per hour): WARNING

Increasing winds, on the Yaquina Bay Bridge, have prompted ODOT to warn drivers that there may be hazardous driving conditions for high-profile vehicles.

If wind conditions warrant, the road may close at any time to high-profile vehicles and be manned by ODOT or OSP personnel.

HIGH PROFILE VEHICLES DEFINED

ODOT defines high-profile vehicles as vehicles with large, flat, vertical surfaces exposed to the wind. Examples include large commercial box vans, box trailers, trailer-mounted cargo containers, mobile homes, school buses, motor homes and travel trailers. Vehicles and trailers with visible cargo such as flatbed trucks, stake and platform trailers and log trucks are not considered high-profile vehicles.

Yaquina Bay Bridge
HIGH WIND
WARNING

Issued by the Oregon Department of Transportation
Northwest Transportation Operations Center
Salem, Oregon • 503-362-0457

17 August, 2010

10:18 AM

NEWPORT, ORE. – The Oregon Department of Transportation has cancelled the Traveler's Advisory for the Yaquina Bay Bridge on the Oregon Coast Highway (U.S. 101, mile post 141.4).