

Transportation Management Center and SRIC



OM-1 Road Condition Report



- SRIC season is November thru mid March
- TMC prepares daily OM-1 Reports.
- The report is received from the Districts every weekday morning between 5 and 6 am.
- TMC will request further reports as needed.
- If conditions are changing the report should be updated every two hours during adverse weather conditions to insure the public has current information on our heavily traveled routes.
- This information is sent to the NWS.

SRIC Color Codes



- Counties and Expressway orgs are to follow the SRIC Guidelines set forth by the Maintenance Division Director.
- Once an Org is called out they are to update their color code status to blue which indicates they are on standby anticipating a storm or spot treating.
- Code blue usually means at least one person is out patrolling the roadway monitoring for ice and or snow conditions.
- Once actual treatment begins the org is to update their status to code yellow to show SRIC operations are in full force for that particular org.
- If your Org is manned let the TMC know.

SRIC Temperature Monitoring Policy

32 Degree Rule

National weather service forecasted temperature	Percentage of Precipitation forecasted			
	0% - 10%	10%-25%	24%-40%	above 40%
Above 36 degrees	no requirement, supervisor's discretion shall determin action			
33 to 36 degrees	No action required but supervisor should monitor weather for potential callout			Supervisor to monitor weather and predicted changes within next 12 hours and have night watchman report if he feels its warranted (need for nightwatchmen would increase as predicted temps approach 32 degrees)
below 33 degrees	No action required but supervisor should monitor weather for potential callout	Night watchman on duty	skeleton crew as determined by supervisor	Crews on duty and stationed to respond as needed

Notes: 1. These Temperature Monitoring Standard Actions are minium requirements. Any Supervisor can decide to prepare more aggresively. If they believe weather conditions warrant those actions.

2. These Temperature Monitoring Standard Actions must be utilized in all Expressway (interstate and APD) Organizations. These standards may be utilized in the County Organizations at the discretion of the District Engineer/Manager of their designee.



- The national weather service inputs weather watches, advisories, and warnings into the 511 system and info is displayed on the map overlay. This is available to the public.
- TMC Updates road conditions on statewide 511 platform.

WV Pathfinder



- NWS and the WVDOT/TMC collaborate with WV Pathfinder.
- WVDOT provides the following to NWS
 - OM-1 report
 - Camera Feeds
 - RWIS data
- NWS Pathfinder Chat - it is restricted to NWS and WVDOT representatives
 - This is for weather impacts to the public, timing, and potential travel impacts across the entire state.
 - TMC has access to this 24 x 7

WV Pathfinder



NWSChat Live

Actions Available

Buddies

- Charleston Chat Group
 - wdtv-darensbourg
 - wildwonderfulwx.householde
 - nwsrb-sl
 - media-erik.s.taylor
 - WSAZ-Brandon.Butcher
- NWSChat Admin Team
 - nwsbot
 - Shane Searcy (Admin Team M

Map Panel

Map Valid: 8:00 AM Tools Opacity

Layers Control

- Base Layer
 - Blank
 - ESRI Topo
- Satellite
 - GOES Water V
 - GOES West V
 - GOES East V
 - GOES Visible
 - GOES IR
- Precip/RADAR
 - NMQ Q2 3 Da
 - NMQ Q2 2 Da
 - NMQ Q2 1 Da
 - NMQ Q2 1 Ho
 - NEXRAD Base
 - NMQ Hybrid S
 - No Overlay
- Chatroom Products
 - Local Storm R
 - Storm Based
- HPC Precipitation Fo
 - Day 1 QPF
 - Day 2 QPF
 - Day 1-5 QPF
- Storm Prediction Cer
 - Day 1 Convec
 - Day 2 Convec
 - Day 3 Convec
- Political Boundaries
 - NWS WFO CV

Help All Chats wvpathfinder

Clear Room Log Print Log View As HTML Hide NWSBot Mute Sounds A A

Message

(13 Sep 8:00 PM) nwsbot: ----- Sep 14, 2019 [UTC] -----

(14 Sep 8:00 PM) nwsbot: ----- Sep 15, 2019 [UTC] -----

(15 Sep 8:00 PM) nwsbot: ----- Sep 16, 2019 [UTC] -----

(16 Sep 10:30 AM) nws-james.zvolensky: Good morning, the briefing has been posted to our website. Other than chances of showers today north of I-79/I-68 this afternoon into the evening, fair weather will dominate with sunny skies. For Tuesday, there are chances of showers/storms confined along the eastern mountains in the afternoon/evening. Outside these chances the area will experience fair weather for the week and into the weekend. Temperatures will reach around 90F on a daily basis although will start to decline a few degrees for the latter part of the week. With it being so dry heat indexes are below heat advisory criteria and it should feel bearable since we will be so dry. Have a great week!

7 people in room

- dot-jm.e.lambert
- nws-ben.gruver
- nws-simone.lewis
- nws-william.perry
- nwsbot
- nwspbz-forrest.hendricks
- nwspbz-jason.frazier

Chatroom Bookmarks

Chatrooms

Send

Weather Briefings



- WVDHSEM in coordination with NWS holds weather briefings each Monday and Friday at 10AM.
- All 4 Forecast Offices present a briefing for their respective area and this info is relayed to our weather notification group via email.
- The NWS conducts a 10PM School Support Decision call during times of adverse weather to assist County BOE in making decisions on delays and cancelations.



HEAVY SNOW AHEAD / LOW VISIBILITY ICY ROADS

- A **snowsquall** (or **snow squall**) is a sudden moderately heavy **snow** fall with blowing **snow** and strong, gusty surface winds. It is often referred to as a whiteout and is similar to a blizzard but is localized in time or in space and **snow** accumulations may or may not be significant.
- The NWS forecast office will contact the TMC and advise when an imminent Snow Squall condition exists.
- DMS messages is to be used and a change in the road condition posture when snow squall or white out conditions are imminent and/or occurring.
- NWS will contact the TMC when condition has passed.



Example of NWS Snow Squall Notification



From: Lwx-Report Lwx-Report - NOAA Service Account <lwx-report@noaa.gov>
Sent: Sunday, April 3, 2016 2:11 AM
To: DOT Transportation Management Center <DOT.TransportationManagementCenter@wv.gov>; SOC@sha.state.md.us;
StauntTrafficManagementCenter@vdot.virginia.gov
Cc: Lambert, Jim E <Jim.E.Lambert@wv.gov>; Holmes, Timothy A <Timothy.A.Holmes@wv.gov>; Christopher Strong - NOAA Federal <christopher.strong@noaa.gov>; LWX Contacts <james.e.lee@noaa.gov>; LWX Contacts <steven.zubrick@noaa.gov>; Andrew Snyder - NOAA Federal <andrew.snyder@noaa.gov>
Subject: NWS Notification of Snow Band, for possible use on Variable Message Signs

Good morning,

Snow squalls to affect western MD, the eastern WV panhandle and the I-81 corridor from Martinsburg WV south to Strasburg VA through 5AM Sun Apr 03 2016.

Up to an inch of snow accumulation is expected over western Allegany county with less than an inch expected from Cumberland east to Frederick MD and the I-81 corridor from Martinsburg to Strasburg VA. In addition, winds will blow at 20 mph with gusts to 45 mph through the night creating areas of poor visibility. Road temperatures are currently below freezing only in Allegany county MD. Across the rest of the area temperatures are expected to fall below freezing in the next hour or two.

Conditions are expected to improve after 5AM Sun.

Luis Rosa

Senior Forecaster

NWS Sterling VA

Road Closure report



- TMC maintains a daily road closure report.
- All 10 districts shall report any road closure planned or emergency.
- The District shall give an estimated opening date and is responsible for reporting the actual opening date and time.
- The report is to include the :
 - **Location of the closure,**
 - **Reason for closure,**
 - **Detour information if applicable.**

RWIS station



- RWIS station report the remote environment conditions to the TMC
- RWIS stations include multiple sensors such as:
 - Surface state
 - Air temperature
 - Ground temperature
 - Rain State
 - Precipitations
 - Dew point
 - Wind speed
 - Wind Direction

Sensor types may vary.



Vaisala Weather Station Management



- Vaisala RWIS Interface

VAISALA / Navigator

West Virginia DOT

12:28 pm

Archive

Logout

Map

Station Summary

Station Wall

Stations

Forecast

Alerts

Reports

Tools

Help

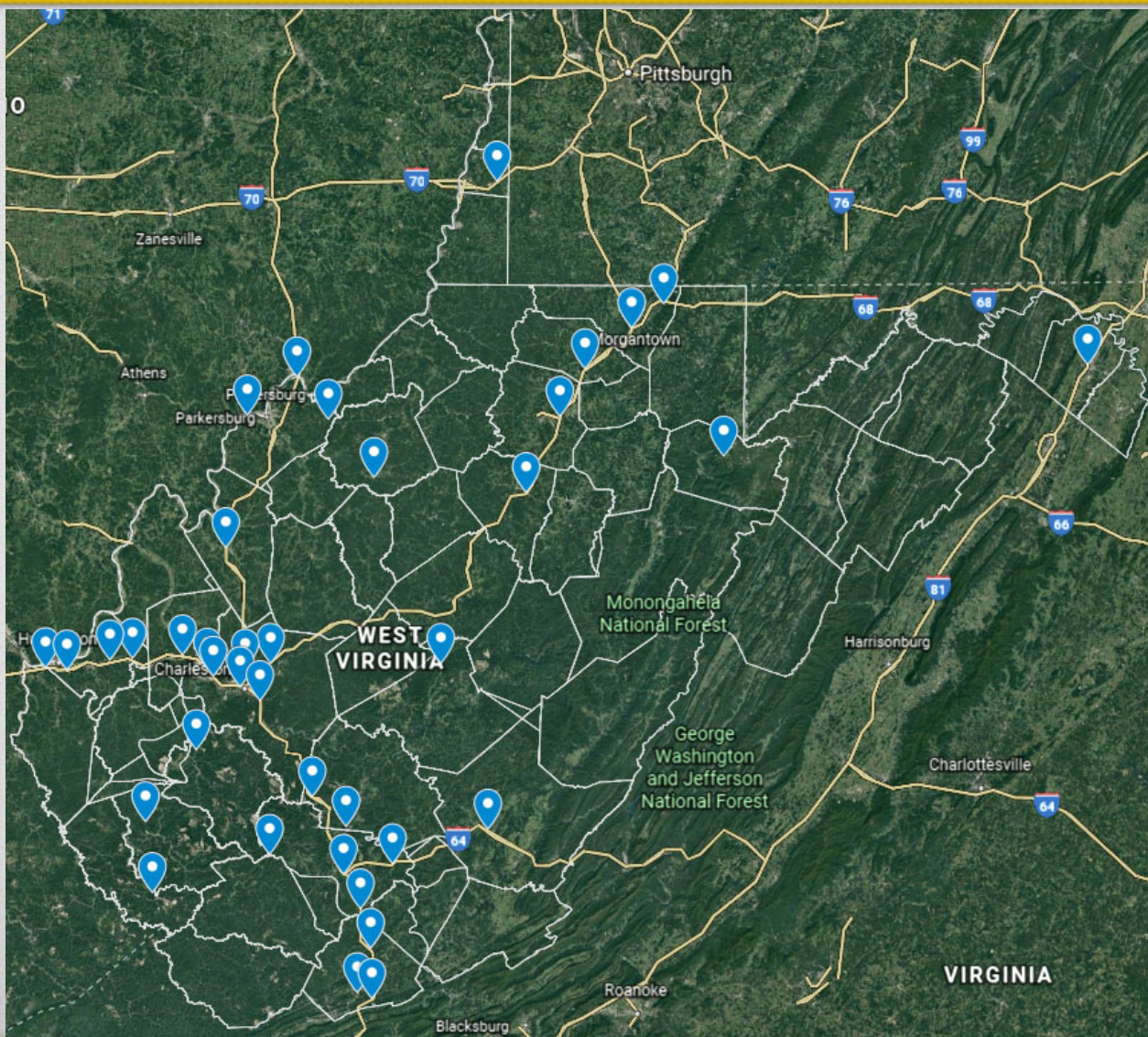
Station Summary Table

Table Settings

Show sensor sites

Station Name	Timestamp	Air Temp	Dew Temp	Surf Temp	Surf State	Grip	Water Layer	Ice Layer	Snow Layer	Rel Humidity	Wind Speed	Wind Dir	Max Wind ...	Visibility	Rain State	AvgSpd	AvgOcc	Vol	BatV	LiqFrz Temp
Bluestone S. Bridge on I-77	10-Sep-2019 12:20 pm	88.2 °F	65.1 °F	107.6 °F	dry					46 %	5.4 mph	NW	8.3 mph	6562 ft	—	— mph	— %	—	—	— °F
CR99 @ Bolt Mountain	10-Sep-2019 12:19 pm	— °F	— °F	— °F	unkwn					— %	— mph	—	— mph	— ft	—	— mph	— %	—	—	— °F
Ghent Interchange on I-77	10-Sep-2019 12:20 pm	81.1 °F	63.7 °F	80.6 °F	dry					54 %	0.0 mph	N	0.0 mph	21066 ft	none	— mph	— %	—	—	— °F
I-64 @ I-77 Interchange	10-Sep-2019 12:19 pm	84.7 °F	62.8 °F	80.6 °F	dry					48 %	1.8 mph	W	9.8 mph	— ft	—	— mph	— %	—	—	— °F
I-64 Exit 11 Hal Greer I/C	10-Sep-2019 12:19 pm	85.3 °F	78.4 °F	— °F	unkwn					79 %										— °F
I-64 Exit 133, Bragg I/C	10-Sep-2019 12:19 pm	81.0 °F	-32.3 °F	— °F	unkwn					0 %										— °F
I-64 Exit 28 Milton I/C	10-Sep-2019 12:20 pm	87.4 °F	67.1 °F	— °F	unkwn					51 %	1.8 mph	S	7.2 mph	11565 ft	none					— °F
I-64 Exit 40 Crooked Creek	10-Sep-2019 12:20 pm	89.2 °F	73.4 °F	— °F	unkwn					59 %										— °F
I-64 Exit 47 Cross Lanes	10-Sep-2019 12:19 pm	88.0 °F	65.7 °F	— °F	unkwn					47 %	3.4 mph	S	4.9 mph	535 ft	none					— °F
I-64 Exit 50 Institute	10-Sep-2019 12:19 pm	90.0 °F	66.0 °F	— °F	unkwn					45 %										— °F
I-64 Exit 58A Oakwood	10-Sep-2019 12:20 pm	89.6 °F	66.4 °F	— °F	unkwn					46 %						— mph	— %	—	—	— °F
I-64 MP 159 over CR9	10-Sep-2019 12:19 pm	79.9 °F	-51.2 °F	— °F	unkwn					0 %						— mph	— %	—	—	— °F
I-64 MP 16.87 Old Guyan Road		— °F	— °F	— °F	—					— %										— °F
I-64 MP 2.30 Twelvemile Bridge		— °F	— °F	— °F	—					— %										— °F
I-64 MP 22.00	10-Sep-2019 12:20 pm	86.2 °F	74.3 °F	— °F	unkwn					68 %										— °F
I-64 MP 5.32 Edgewood Overpass	10-Sep-2019 12:19 pm	87.6 °F	70.2 °F	— °F	unkwn					56 %	2.0 mph	SE	6.7 mph	— ft	heavy					— °F
I-68 EB @ MP11	10-Sep-2019 12:20 pm	82.0 °F	61.3 °F	98.1 °F	dry	0.82	0.00 mm	0.00 mm	0.00 mm	50 %	2.0 mph	NW	8.9 mph	6562 ft	none					— °F
I-70 Exit 11 Dallas Pike I/C	10-Sep-2019 12:19 pm	81.7 °F	63.7 °F	— °F	unkwn					54 %	0.0 mph	N	0.0 mph							— °F
I-77 @ MP 138		— °F	— °F	— °F	—					— %										— °F
I-77 @ MP 4.6		— °F	— °F	— °F	—					— %	— mph	—	— mph	— ft		— mph	— %	—	—	— °F
I-77 Exit 106 Eddens Fork	10-Sep-2019 12:19 pm	90.0 °F	74.7 °F	— °F	unkwn					61 %						— mph	— %	—	—	— °F
I-77 Marietta Bridge	10-Sep-2019 12:19 pm	— °F	— °F	— °F	unkwn					— %						— mph	— %	—	—	— °F
I-79 @ I-68	10-Sep-2019 12:20 pm	84.4 °F	60.3 °F	95.2 °F	dry	0.82	0.00 mm	0.00 mm	0.00 mm	44 %	2.9 mph	S	12.8 mph	6562 ft	none					— °F
I-79 Clarksburg - Bridgeport	10-Sep-2019 12:19 pm	-29.0 °F	— °F	— °F	unkwn					4 %	10.3 mph	SW	14.1 mph	12356 ft	none					— °F
I-79 Elksview Bridge	10-Sep-2019 12:19 pm	87.8 °F	48.6 °F	— °F	unkwn					25 %						— mph	— %	—	—	— °F
I-79 Exit 99, Weston I/C		— °F	— °F	— °F	—					— %										— °F
I-79 MP 132.9 Bentonn Ferry's Bri	10-Sep-2019 12:19 pm	85.1 °F	63.9 °F	— °F	unkwn					49 %										— °F
I-81 Exit 12, WV 45/Winchester A	10-Sep-2019 12:19 pm	-15.2 °F	-47.9 °F	— °F	unkwn					4 %				11404 ft	none					— °F
Kanawha River Bridge	10-Sep-2019 12:20 pm	90.3 °F	67.5 °F	93.2 °F	dry					47 %	5.1 mph	S	13.2 mph	6562 ft	none					— °F
SR 219 Tucker County	10-Sep-2019 12:19 pm	— °F	— °F	— °F	unkwn					— %	— mph	—	— mph	— ft		— mph	— %	—	—	— °F
Skitters Creek Bridge		— °F	— °F	— °F	—					— %	— mph	—	— mph	— ft		— mph	— %	—	—	— °F
US 119 @ Fry Dr		— °F	— °F	— °F	—					— %										— °F
US 119 @ Lory Church Rd, MP 56		— °F	— °F	— °F	—					— %										— °F
US 19 @ CR 19/15	10-Sep-2019 12:20 pm	-48.6 °F	— °F	— °F	unkwn					0 %										— °F
US 19 Mt Hope Exit @ CR19/55	10-Sep-2019 12:19 pm	88.7 °F	63.1 °F	— °F	unkwn					42 %										— °F
US 19 South @ New River	10-Sep-2019 12:19 pm	0.1 °F	-28.1 °F	— °F	unkwn					23 %										— °F
US 460 Crumpecker Hill @ Shelter	10-Sep-2019 12:19 pm	85.6 °F	68.4 °F	— °F	unkwn					56 %										— °F
US 50 Blennerhassett		— °F	— °F	— °F	—					— %										— °F

Vaisala Weather Station Locations



Question and Answers



For those about to plow



We SALUTE You!

Contact Me



Jim Lambert TMC Manager

Email Jim.E.Lambert@WV.GOV

Office 304-558-9492

Cell 304-543-7554

Building 5, Room 362

1900 Kanawha Blvd., East

Charleston, WV 25305

