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PUBLIC INFORMATION STATEMENT

NATIONAL WEATHER SERVICE BOSTON/NORTON MA

150 PM EST MON JAN 31 2022

...BLIZZARD OF 2022 - FINAL DETERMINATIONS...

BLIZZARD CONDITIONS WERE REACHED AT SEVERAL LOCATIONS ACROSS RHODE ISLAND AND EASTERN MASSACHUSETTS ON SATURDAY, JANUARY 29, 2022. LIGHT SNOW BEGAN LATE AT NIGHT ON FRIDAY, JANUARY 28. SNOWFALL TOTALS OF 12 TO 24 INCHES WERE COMMON ACROSS THOSE REGIONS, WITH LOCAL AMOUNTS UP TO 30 INCHES REPORTED SOUTH OF BOSTON. WIND GUSTS REACHED HURRICANE FORCE ON CAPE ANN, CAPE COD, AND NANTUCKET DURING THE STORM.

THE DEFINITION OF A BLIZZARD IS THAT FALLING AND/OR BLOWING SNOW REDUCES VISIBILITY TO BELOW 1/4 MILE ALONG WITH WINDS THAT FREQUENTLY GUST TO 35 MPH OR MORE. THESE BLIZZARD CONDITIONS MUST BE THE PREDOMINANT REPORTED CONDITION FOR AT LEAST 3 CONSECUTIVE HOURS.

WHEN REVIEWING WHETHER A PARTICULAR OBSERVATION LOCATION HAD BLIZZARD CONDITIONS, WE CONSIDERED VISIBILITIES EQUAL TO 1/4 MILE BECAUSE THAT IS QUITE LOW FOR AN AUTOMATED SENSOR TO BE ABLE TO DETECT IN SNOW OR BLOWING SNOW.

THE FOLLOWING STATIONS RECORDED BLIZZARD CONDITIONS...

IN RHODE ISLAND...

PROVIDENCE (KPVD)...5 HOURS 18 MINUTES, FROM 921 AM TO 158 PM AND FROM 210 PM TO 251 PM.

WESTERLY (KWST)...6 HOURS 16 MINUTES. CRITERIA WERE MET FROM 911 AM TO 1146 AM, FROM 1153 AM TO 301 PM, AND FROM 420 TO 453 PM.

NEWPORT (KUUU)...9 HOURS 28 MINUTES CONTINUOUSLY, FROM 725 AM TO 453 PM.

BLOCK ISLAND (KBID)...6 HOURS 37 MINUTES CONTINUOUSLY, FROM 705 AM TO 142 PM.

IN MASSACHUSETTS...

BOSTON (KBOS)...7 HOURS 39 MINUTES CONTINUOUSLY, FROM 815 AM TO 354 PM.

WORCESTER (KORH)...8 HOURS 27 MINUTES. IT WAS CONTINUOUS FOR 8 HOURS 16 MINUTES FROM 749 AM TO 405 PM. CONDITIONS ALSO WERE MET FROM 432 PM TO 443 PM.

BEVERLY (KBVY)...6 HOURS 9 MINUTES. CONDITIONS WERE MET FROM 853 TO 1153 AM, 1225 PM TO 201 PM, 253 PM TO 353 PM, AND FROM 453 PM TO 526 PM.

LAWRENCE (KLWM)...5 HOURS 14 MINUTES. BLIZZARD CONDITIONS OCCURRED FROM 1254 PM TO 245 PM AND FROM 331 PM TO 654 PM.

HYANNIS (KHYA)...AT LEAST 6 HOURS 33 MINUTES. BLIZZARD CONDITIONS WERE CONTINUOUS FROM 704 AM TO 1232 PM, BUT THEN REPORTING WAS INTERRUPTED UNTIL LATER IN THE AFTERNOON. BLIZZARD CONDITIONS RESUMED FROM 505 PM TO 539 PM AND FROM 548 PM TO 619 PM.

MARSHFIELD (KGHG)...12 HOURS 0 MINUTES. BLIZZARD CONDITIONS WERE CONTINUOUS FOR 10 HOURS 40 MINUTES FROM 435 AM TO 315 PM. THEY WERE AGAIN MET FROM 335 PM TO 355 PM AND FROM 415 PM TO 515 PM.

MARTHA'S VINEYARD (KMOV)...9 HOURS 17 MINUTES CONTINUOUSLY, FROM 743 AM TO 500 PM.

THE FOLLOWING STATIONS EITHER CAME CLOSE OR WERE UNABLE TO BE DETERMINED...

NANTUCKET (KACK) CAME CLOSE, WITH BLIZZARD CONDITIONS FOR A TOTAL OF 4 HOURS 32 MINUTES, BUT THERE WAS NOT A 3-HOUR CONSECUTIVE PERIOD.

NEW BEDFORD (KEWB) MET CRITERIA FOR A TOTAL OF 2 HOURS 30 MINUTES, BUT THERE WAS NEARLY A 3 HOUR GAP IN THE CONDITIONS.

CHATHAM (KCQX) MET CRITERIA FROM 816 AM THROUGH 852 AM, BUT AT THAT TIME, THE POWER WAS LOST AND NO DATA WERE RECEIVED.

FALMOUTH (KFMH) MET CRITERIA BEGINNING AT 650 AM, BUT VISIBILITY READINGS CEASED AT 746 AM. SO, ALTHOUGH WINDS WERE GUSTING ABOVE 35 MPH CONTINUOUSLY INTO THE AFTERNOON, A BLIZZARD WAS UNABLE TO BE DETERMINED WITHOUT THE VISIBILITY READINGS.

SMITHFIELD (KSFZ) MET CRITERIA FROM 806 AM TO 827 AM AND FROM 853 AM TO 956 AM, BUT THEN ALL WIND DATA WERE LOST AND THUS A BLIZZARD WAS UNABLE TO BE DETERMINED WITHOUT THE WIND READINGS.

PROVINCETOWN (KPVC) HAD NO DATA AFTER 556 AM AND THUS NO DETERMINATION COULD BE MADE.

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