

1988 Thunderstorm and Tornado Event Advisories

April

Sunday, April 3, 1988

A Severe Thunderstorm Watch is issued until 10PM. Full text unavailable.

Saturday, April 23, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

325 PM EDT SAT APR 23 1988

AT 325 PM EDT WEATHER SERVICE RADAR SHOWED NUMEROUS VERY HEAVY THUNDERSTORMS SCATTERED OVER MUCH OF CENTRAL OHIO. MOST OF THE RAIN WAS STILL TO THE SOUTHWEST OF OHIO BUT WAS MOVING TO THE NORTHEAST AT 45 MPH. SEVERAL REPORTS OF HAIL AND HIGH WINDS WERE RECEIVED REGARDING THESE STORMS.

THUNDERSTORMS WILL CONTINUE TO MOVE ACROSS THE COLUMBUS AREA DURING THE NEXT COUPLE OF HOURS.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

342 PM EDT SAT APR 23 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 430 PM EDT FOR THE FOLLOWING COUNTIES OF CENTRAL OHIO... MADISON... FRANKLIN

AT 340 PM EDT WEATHER SERVICE RADAR INDICATED AN INTENSE THUNDERSTORM IN NORTHERN MADISON COUNTY JUST NORTHEAST OF LONDON. THE STORM WAS MOVING EAST NORTHEAST AT 45 MPH AND WILL MOVE THROUGH NORTHEAST MADISON AND NORTHERN FRANKLIN COUNTIES BY 430 PM.

NATIONAL WEATHER SERVICE COLUMBUS OH

430 PM EDT SAT APR 23 1988

THE SEVERE THUNDERSTORM WARNING FOR NORTHEAST MADISON AND NORTHERN FRANKLIN COUNTIES HAS BEEN CANCELLED.

AT 428 PM EDT COLUMBUS WEATHER RADAR INDICATED THAT THE THUNDERSTORM IN THAT AREA HAD MOVED EAST AND WEAKENED CONSIDERABLY. RADAR STILL SHOWED NUMEROUS SHOWERS AND THUNDERSTORMS SCATTERED OVER MUCH OF THE SOUTHEAST HALF OF THE STATE. ALL THE RAIN WAS SOUTHEAST OF A LINE FROM CLEVELAND TO CINCINNATI AND WAS MOVING EAST NORTHEAST AT 50 MPH. RAIN AND THUNDERSTORMS ARE FORECAST FOR INTO THE EVENING HOURS.

May

Monday, May 9, 1988

A Tornado Watch is issued around 1PM until 7PM. Full text unavailable.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

407 PM EDT MON MAY 9 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 450 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... MADISON

AT 405 PM EDT WEATHER SERVICE RADAR INDICATED A POSSIBLE SEVERE THUNDERSTORM MOVING INTO MADISON COUNTY. REPORTS INDICATED THAT LARGE HAIL HAD OCCURRED IN EASTERN GREENE COUNTY. THE THUNDERSTORM WAS MOVING TO THE NORTHEAST AT 50 MPH AND WILL MOVE THROUGH THE CITY OF LONDON BY 430 PM.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

435 PM EDT MON MAY 9 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 520 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... FRANKLIN

AT 430 PM EDT REPORTS OF 55 MPH WINDS AND HALF INCH HAIL WERE REPORTED IN WEST JEFFERSON IN EASTERN MADISON COUNTY. RADAR INDICATED A STRONG STORM IN THIS AREA MOVING INTO FRANKLIN COUNTY AND WILL PASS THROUGH THE CITY OF COLUMBUS BY 500 PM. THE STORM IS MOVING NORTHEAST AT 50 MPH.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

457 PM EDT MON MAY 9 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 540 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... LICKING

AT 455 PM EDT A SEVERE THUNDERSTORM WAS IN PROGRESS AT THE PORT COLUMBUS AIRPORT WITH 3/4 INCH HAIL AND WINDS TO 48 MPH. THIS STORM WAS MOVING TO THE EAST NORTHEAST AT 50 MPH AND WILL REACH NEWARK OHIO BY 530 PM.

Monday, May 23, 1988

A Severe Thunderstorm Watch is issued until 7PM. Full text unavailable.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

528 PM EDT MON MAY 23 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 610 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... PICKAWAY

AT 522 PM EDT WEATHER SERVICE RADAR SHOWED VERY HEAVY THUNDERSTORMS OVER ROSS AND PICKAWAY COUNTIES. HAIL WAS INDICATED WITH THESE STORMS AND REPORTS OF HAIL WERE RECEIVED FROM NORTHERN ROSS COUNTY. THE THUNDERSTORMS ARE MOVING NORTH AT 25 MPH AND WILL REACH CIRCLEVILLE AROUND 545 PM EDT.

NATIONAL WEATHER SERVICE COLUMBUS OH

559 PM EDT MON MAY 23 1988

THE SEVERE THUNDERSTORM WARNING FOR PICKAWAY COUNTY HAS BEEN CANCELLED AS OF 555 PM.

AT 555 PM EDT COLUMBUS WEATHER RADAR INDICATED THAT THE THUNDERSTORM IN THAT AREA HAD DIMINISHED AND NO LONGER POSES A THREAT TO THE COUNTY. RADAR CONTINUED TO SHOW SCATTERED SHOWERS AND HEAVY THUNDERSTORMS OVER THE SOUTHWEST ONE HALF OF OHIO AND WERE MOVING NORTH AT 35 MPH. THE ACTIVITY WILL BE MOVING THROUGH THE COLUMBUS AREA BY 700 PM EDT.

July

Monday, July 18, 1988

A Severe Thunderstorm Watch is issued around 3PM through 10PM. Full text unavailable.

NATIONAL WEATHER SERVICE COLUMBUS OH

418 PM EDT MON JUL 18 1988

A SEVERE THUNDERSTORM WATCH IS IN EFFECT UNTIL 10 PM EDT.

AT 405 PM RADAR SHOWED A LARGE AREA OF SHOWERS AND THUNDERSTORMS OVER WESTERN AND CENTRAL OHIO. MOST OF THE SHOWERS AND THUNDERSTORMS WERE WEST OF A LINE FROM ASHLAND TO LONDON AND WASHINGTON COURT HOUSE. THE SHOWERS AND THUNDERSTORMS WERE MOVING NORTHEAST AT 25 MPH.

THE HEAVIEST THUNDERSTORMS WERE LOCATED IN CHAMPAIGN AND CLARK COUNTIES. THESE THUNDERSTORMS ARE ENTERING WESTERN UNION AND MADISON COUNTIES AND WILL MOVE INTO THE REMAINDER OF CENTRAL OHIO BY 5PM.

NO SEVERE WEATHER HAS BEEN REPORTED WITH THESE STORMS BUT HEAVY RAINS STRONG GUSTY WINDS AND HAIL ARE POSSIBLE.

NATIONAL WEATHER SERVICE COLUMBUS OH

513 PM EDT MON JUL 18 1988

A SEVERE THUNDERSTORM WATCH IS IN EFFECT UNTIL 10 PM EDT.

AT 510 PM RADAR SHOWED A LARGE AREA OF SHOWERS AND THUNDERSTORMS OVER THE WESTERN TWO THIRDS OF OHIO. THE SHOWERS AND THUNDERSTORMS WERE MAINLY WEST OF A LINE FROM AKRON-CANTON TO ZANESVILLE AND PORTSMOUTH. THE HEAVIEST THUNDERSTORMS WERE FROM DELAWARE COUNTY THROUGH COLUMBUS TO NEAR PORTSMOUTH. ALL OF THE STORMS WERE MOVING NORTHEAST ABOUT 30 MPH.

NO SEVERE WEATHER HAS BEEN REPORTED WITH THE STORMS AS OF 5 PM. THERE HAVE BEEN WIND GUSTS OF 40 TO 50 MPH AND RAINFALL AMOUNTS OF ONE TO ONE AND A HALF INCHES IN THE COLUMBUS AREA. HEAVY RAIN..STRONG GUSTY WINDS AND+ HAIL ARE POSSIBLE THROUGH THIS EVENING.

Monday, July 25, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

1025 PM EDT MON JUL 25 1988

STRONG THUNDERSTORMS OVER WEST CENTRAL OHIO

AT 1020 PM EDT WEATHER SERVICE RADAR SHOWED STRONG THUNDERSTORMS OVER WESTERN MADISON AND FAYETTE COUNTIES IN WEST CENTRAL OHIO. THE STRONGEST STORMS WERE LOCATED SOUTHWEST OF PLAIN CITY AND WEST OF LONDON IN MADISON COUNTY AND JUST WEST OF WASHINGTON COURTHOUSE IN FAYETTE COUNTY.

THESE THUNDERSTORMS WERE MOVING NORTHEAST AT 20 MPH AND SHOULD MOVE INTO SOUTHERN UNION COUNTY WITHIN THE NEXT HOUR. OTHER THUNDERSTORMS OVER NORTHWEST OHIO EXTENDED FROM TOLEDO SOUTHEAST TO MARION AND FROM COLUMBUS NORTHEAST TO YOUNGSTOWN IN NORTHEASTERN OHIO.

Saturday, July 30, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

1020 PM EDT SAT JUL 30 1988

STRONG THUNDERSTORMS ARE MOVING TOWARD CENTRAL OHIO FROM THE NORTHWEST. AT 915 PM THE COLUMBUS RADAR INDICATED STRONG THUNDERSTORMS OVER NORTHWEST OHIO. THE LEADING EDGE OF THE THE THUNDERSTORMS WAS FROM NEAR SANDUSKY TO FINDLAY THEN WEST INTO INDIANA. THE AREA OF SHOWERS AND THUNDERSTORMS WAS ABOUT 60 MILES WIDE AND WAS MOVING SOUTHEAST AT 30 TO 35 MILES AN HOUR.

THE THUNDERSTORMS WILL REACH NORTHERN MARION AND UNION COUNTIES BY 10 TO 11 PM THEN CONTINUE TO MOVE INTO CENTRAL OHIO BY EARLY MORNING.

NO SEVERE WEATHER HAS BEEN REPORTED WITH THE THUNDERSTORMS BUT WIND GUSTS TO 43 MILES AN HOUR HAVE OCCURRED. ALONG WITH THE STRONG WINDS BRIEF HEAVY RAIN AND SMALL HAIL ARE POSSIBLE WITH THESE STORMS.

August

Tuesday, August 2, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

633 PM EDT TUE AUG 2 1988

A STRONG THUNDERSTORM DEVELOPED OVER NORTHWEST COLUMBUS THIS EVENING. WEATHER SERVICE RADAR AT COLUMBUS SHOWED A THUNDERSTORM WITH HEAVY RAIN LOCATED JUST NORTH OF THE OHIO STATE UNIVERSITY AIRPORT IN THE NORTHWEST PART OF FRANKLIN COUNTY AT 630 PM EDT. THE STORM HAS SHOWN VERY LITTLE MOVEMENT.

A PILOT REPORTED TO OSU CONTROLLERS 1/4 TO 1/2 INCH HAIL HAD: FALLEN NORTH OF THE AIRPORT. OSU AIRPORT ITSELF HAD BRIEF WINDS OF 30 MPH.

THE STORM HAS SHOWN SOME SIGNS OF WEAKENING AND IS EXPECTED TO DIE OUT BY 800 PM EDT.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

700 PM EDT TUE AUG 2 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 800 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... FRANKLIN

AT 655 PM EDT OHIO STATE UNIVERSITY AIR TRAFFIC CONTROLLERS REPORTED 1 INCH HAIL OCCURRING AT THE OSU AIRPORT. WEATHER SERVICE RADAR SHOWEDS A HEAVY THUNDERSTORM IN THIS AREA WITH VERY LITTLE MOVEMENT.

Wednesday, August 10, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

620 PM EDT WED AUG 10 1988

A STRONG THUNDERSTORM DEVELOPED OVER CENTRAL FRANKLIN COUNTY THIS EVENING. GUSTY WINDS...FREQUENT LIGHTENING...AND BRIEF HEAVY RAIN ACCOMPANIED A STRONG THUNDERSTORM THAT DEVELOPED OVER THE CITY OF COLUMBUS AND THE PORT COLUMBUS AIRPORT SHORTLY BEFORE 600 PM. COLUMBUS POLICE REPORTED HEAVY RAIN DOWNTOWN AT 600 PM BUT LIGHT RAIN WAS FALLING AT THE AIRPORT. FREQUENT CLOUD TO GROUND LIGHTENING OCCURRED WITH THIS STORM AND PEOPLE SHOULD BE PREPARED TO SEEK SHELTER IF IT APPROACHES YOUR AREA. THIS STORM WILL MOVE EAST OF THE CITY WITHIN THE NEXT HALF HOUR.

Monday, August 15, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

1142 AM EDT MON AUG 15 1988

STRONG THUNDERSTORMS WERE MOVING INTO CENTRAL OHIO THIS MORNING AND A SEVERE THUNDERSTORM WATCH REMAINS IN EFFECT FOR ALL OF CENTRAL OHIO UNTIL 4 PM EDT.

AT 1140 AM EDT WEATHER SERVICE RADAR SHOWED THUNDERSTORMS WITH VERY HEAVY RAIN MOVING SOUTHEAST INTO MARION AND UNION COUNTIES IN CENTRAL OHIO. THE LEADING EDGE OF THE LINE OF STORMS STRETCHED FROM MARION TO NEAR MARYSVILLE THEN WEST TO TROY OH. THE STORMS WERE MOVING TO THE SOUTHEAST AT 40 MPH AND WILL LIKELY REACH THE CITY OF COLUMBUS BY AROUND 1 PM.

STRONG GUSTY WINDS...VERY HEAVY RAIN...AND POSSIBLY HAIL CAN BE EXPECTED AS THE STORMS MOVE THROUGH THE AREA.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

1208 PM EDT MON AUG 15 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 110 PM EDT FOR THE FOLLOWING COUNTIES OF CENTRAL OHIO... DELAWARE... FRANKLIN

AT 1205 PM EDT COLUMBUS WEATHER RADAR INDICATED VERY STRONG THUNDERSTORMS IN DELAWARE COUNTY MOVING INTO FRANKLIN COUNTY. DAMAGING THUNDERSTORM WINDS ARE EXPECTED WITH THESE STORMS AS THEY MOVE RAPIDLY SOUTHEAST AT 40 MPH. THEY WILL PASS THROUGH THE CITY OF COLUMBUS AREA BY 1 PM.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

1214 PM EDT MON AUG 15 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 110 PM EDT FOR THE FOLLOWING COUNTIES OF CENTRAL OHIO... UNION... MADISON

AT 1210 PM EDT RADAR SHOWED VERY STRONG THUNDERSTORMS MOVING THROUGH UNION INTO MADISON COUNTY.

DAMAGING THUNDERSTORM WINDS ARE EXPECTED WITH THESE STORMS AS THEY MOVE RADILY SOUTHEAST AT 40 MPH. THE STORMS WILL MOVE THROUGHT THE CITY OF LONDON BY 1 PM.

SEVERE WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

1245 PM EDT MON AUG 15 1988

A SEVERE THUNDERSTORM WATCH REMAINS IN EFFECT UNTIL 4 PM EDT.

THE SEVERE THUNDERSTORM WARNINGS FOR DELAWARE... FRANKLIN...UNION...AND MADISON COUNTIES HAS BEEN CANCELLED. AT 1245 PM EDT WEATHER SERVICE RADAR AT COLUMBUS SHOWED THAT THE STORMS HAVE MOVED OUT OF THE AREA AND HAVE DIMINISHED IN INTENSITY. THE STORMS SHOWERS CONTINUED THEIR SOUTHEAST MOVEMENT AT 40 MPH.

Thursday, August 18, 1988

A Severe Thunderstorm Watch is issued until 11PM. Full text unavailable.

BULLETIN - IMMEDIATE BROADCAST REQUESTED

SEVERE THUNDERSTORM WARNING

NATIONAL WEATHER SERVICE COLUMBUS OH

907 PM EDT THU AUG 18 1988

THE NATIONAL WEATHER SERVICE HAS ISSUED A SEVERE THUNDERSTORM WARNING EFFECTIVE UNTIL 1010 PM EDT FOR THE FOLLOWING COUNTY OF CENTRAL OHIO... MADISON

WEATHER SERVICE RADAR SHOWS A POSSIBLE SEVERE THUNDERSTORM IN EXTREME SOUTHERN UNION COUNTY. THE THUNDERSTORM IS MOVING SOUTHEAST AT 20 MPH AND WILL MOVE INTO NORTHERN MADISON COUNTY WITHIN THE NEXT HOUR.

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

1118 PM EDT THU AUG 18 1988

THUNDERSTORMS WERE MOVING ACROSS CENTRAL OHIO

AT 1110 PM EDT WEATHER SERVICE RADAR AND STORM REPORTERS SHOWED A THUNDERSTORM WITH MARBLE SIZE HAIL AND STRONG WINDS IN EXTREME SOUTHERN LICKING COUNTY. THE STORM WAS MOVING SOUTHEAST ABOUT 20 MPH AND WILL MOVE INTO NORTHERN PERRY COUNTY DURING THE NEXT HOUR. PERSONS IN THESE AREAS CAN EXPECT SMALL HAIL...HEAVY DOWNPOURS...LIGHTNING AND GUSTY WINDS.

October

Tuesday, October 18, 1988

A Severe Thunderstorm Watch is issued until 5AM. Full text unavailable.

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

248 AM EDT TUE OCT 18 1988

...A SEVERE THUNDERSTORM WATCH REMAINS IN EFFECT FOR MUCH OF CENTRAL OHIO UNTIL 5AM EDT...

AT 245AM NUMEROUS THUNDERSTORMS WERE MOVING THROUGH WESTERN AND CENTRAL OHIO. THE THUNDERSTORMS WERE MOVING EAST AT 30 TO 40 MILES AN

HOUR. THESE THUNDERSTORMS MAY CAUSE BRIEF PERIODS OF HEAVY RAIN... DANGEROUS LIGHTNING... SMALL HAIL... AND STRONG GUSTY WINDS. THERE HAVE BEEN REPORTS OF SOME URBAN AND STREET FLOODING FROM THESE STORMS.

November

Thursday, November 10, 1988

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

415 AM EDT THU NOV 10 1988

AT 405 AM THIS MORNING WEATHER SERVICE RADAR SHOWED AN AREA OF SHOWERS AND THUNDERSTORMS IN WESTERN OHIO EXTENDING FROM LAKE ERIE SOUTHWEST TO THE CINCINNATI AREA.

THE AREA OF SHOWERS AND THUNDERSTORMS WAS MOVING EAST AROUND 45 MPH INTO CENTRAL OHIO AND WILL LIKELY REACH THE COLUMBUS METROPOLITAN AREA ABOUT 430 AM EST. THE STORMS HAVE PRODUCED WIND GUSTS IN EXCESS OF 50 MPH THIS MORNING AS THEY MOVED ACROSS EASTERN INDIANA AND WESTERN OHIO. THESE THUNDERSTORMS MAY CAUSE BRIEF PERIODS OF HEAVY RAIN... DANGEROUS LIGHTNING AND STRONG GUSTY WINDS.

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

530 AM EDT THU NOV 10 1988

AT 515 AM EST WEATHER SERVICE RADAR SHOWED A LINE OF HEAVY THUNDERSTORMS IN CENTRAL OHIO EXTENDING SOUTHWEST FROM WYANDOT COUNTY THROUGH HARDIN...LOGAN...CHAMPAIGN COUNTY ...TO SPRINGFIELD IN CLARK COUNTY. THE THUNDERSTORMS WERE MOVING EAST ABOUT 40 MPH AND WILL MOVE INTO MARION...UNION AND MADISON COUNTIES IN THE HOUR. THESE STORMS PRODUCED WIND GUSTS IN EXCESS OF 50 MPH AS THEY MOVED THROUGH THE DAYTON AREA.

SPECIAL WEATHER STATEMENT

NATIONAL WEATHER SERVICE COLUMBUS OH

632 AM EDT THU NOV 10 1988

AT 625 AM EST WEATHER SERVICE RADAR SHOWED A LINE OF VERY HEAVY THUNDERSTORMS IN CENTRAL OHIO EXTENDING SOUTHWEST FROM DELAWARE COUNTY THROUGH NORTHWEST FRANKLIN COUNTY AND CENTRAL MADISON COUNTY. THE STORMS WERE MOVING NORTHEAST ABOUT 40 MPH WHILE THE LINE WAS MOVING EAST AT 15 MPH. HEAVY RAIN AND WIND GUSTS IN EXCESS OF 50 MPH ARE POSSIBLE WITH THE THUNDERSTORMS.

THE LINE OF THUNDERSTORMS WILL MOVE ACROSS FRANKLIN COUNTY DURING THE HOUR OR TWO.

Sunday, November 20, 1988

A Severe Thunderstorm Watch is issued until 6PM. Full text unavailable.