

**NATIONAL WEATHER SERVICE INSTRUCTION 10-501
NOVEMBER 9, 2006**

Operations and Services

Public Weather Services, NWSPD 10-5

WFO STATEMENTS, SUMMARIES, TABLES PRODUCTS SPECIFICATION

NOTICE: This publication is available at: <http://www.nws.noaa.gov/directives/>.

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SUMMARY OF REVISIONS: This directive supersedes National Weather Service Instruction 10-501, “WFO Statements, Summaries, Tables Products Specification,” dated March 17, 2005.

1. The Record Event Report (RER) has been transferred to NWSI 10-1004, Climate Records.
2. WFOs should use one of the Public Information Statement (PNS) formats specified in paragraph 2.3.5.2 and 2.3.5.3 when reporting hydrometeorological information during or following a weather event.
3. Replaced “customer” with “user” throughout.

_____- signed -_____
Dennis H. McCarthy
Director, Office of Climate,
Water, and Weather Services

10/26/2006

Date

WFO Statements, Summaries, Tables Products Specification

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1 **Introduction**. This procedural instruction describes narrative and tabular weather products issued by local Weather Forecast Offices (WFOs).

2. **Public Information Statement (Product Category PNS)**.

2.1 **Mission Connection** . The Public Information Statement (PNS) is an alphanumeric message used to distribute information regarding hydrometeorological events; public education; National Weather Service (NWS) service changes, limitations or interruptions; and special guidelines for interpreting NWS data. The PNS is used by a wide variety of users and partners such as the general public, emergency managers, and the media.

2.2 **Issuance Guidelines** .

2.2.1 **Creation Software** . Weather Forecast Offices (WFO) may use the AWIPS Graphical Hazards Generation (GHG) program, the AWIPS text editor, or any other text editor to produce this product.

2.2.2 **Issuance Criteria** . The need for issuance of the PNS is determined by the issuing office.

2.2.3 **Issuance Time** . The PNS is a non-scheduled product issued when appropriate.

2.2.4 **Valid Time** . The PNS is valid through the effective date or time period.

2.2.5 **Product Expiration Time** . The PNS product expiration time may be up to 12 hours, depending upon product content.

2.2.6 **Event Expiration Time** . The PNS does not have an event expiration time.

2.3 **Technical Description** .

2.3.1 **UGC Type** . The PNS will use UGC Zone (Z) coding.

2.3.2 **Mass News Disseminator Broadcast Instruction Line** . There is no MND Broadcast Instruction Line for this product.

2.3.3 **MND Product Type Line** . The PNS does not have a mandatory MND product type line; “PUBLIC INFORMATION STATEMENT” or any other appropriate header may be used.

2.3.4 **Content** . The PNS may contain various weather or National Weather Service related information of public interest, as described in paragraph 2.1.

2.3.5 **Format** . The PNS is a free-form text product. However, if the PNS is used to report preliminary hydrometeorological information during or final hydrometeorological information following a weather event, WFOs should use the format specified in paragraph 2.3.5.2 or 2.3.5.3. The nature of the report (i.e., preliminary or final) should be stated in the explanatory text.

2.3.5.1 Generic Format.

Product Format

NOaaii cccc ddhhmm
 PNSxxx
 stZ001-005>015-ddhhmm-

Description of Entry

(WMO Heading)
 (AWIPS ID)
 (UGC:Z & Product
 expiration time)

PUBLIC INFORMATION STATEMENT

-or-

APPROPRIATE HEADER INFORMATION

NATIONAL WEATHER SERVICE city st
 time am/pm time_zone day mon dd yyyy

(MND)

(Issuing Office)
 (Issuance time and
 date)

[TEXT]

\$\$

Name/Initials/Fcstr ID

(Optional)

Note: The “xxx” in this product is either a modernized three-letter WFO identifier, a three-character FAA-approved alphanumeric identifier, or a two-letter state abbreviation followed by a “space”.

2.3.5.2 Hydrometeorological Format (with water equivalent)

1 2 3 4 5 6
 12345678901234567890123456789012345678901234567890123456789

Product Format

NOaaii cccc ddhhmm
 PNSxxx
 stZ001-005>015-ddhhmm-

Description of Entry

(WMO Heading)
 (AWIPS ID)
 (UGC:Z Product
 expiration
 time)

PUBLIC INFORMATION STATEMENT

-or-

APPROPRIATE HEADER INFORMATION

NATIONAL WEATHER SERVICE city st
 time am/pm time_zone day mon dd yyyy

(MND)

(Issuing Office)
 (Issuance time
 and date)

EXPLANATORY TEXT /HYDROMET TYPE A/

LOCATION ELEVATION	HYDROMET Data 1	WATER EQUIV	COMMENTS
STATE 1 ...Geopolitical Descriptor 1...			
CITY ELEVATION	XXX.X	XX.XX	OPTIONAL TEXT

...Geopolitical Descriptor 2...

CITY1 ELEVATION	XXX.X	XX.XX	OPTIONAL TEXT
CITY2	XXX.X		OPTIONAL TEXT

STATE 2

...Geopolitical Descriptor 1...

CITY	XXX.X	XX.XX	OPTIONAL TEXT
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EXPLANATORY TEXT BETWEEN HYDROMETEOROLOGICAL TYPES /HYDROMET TYPE B/

LOCATION ELEVATION	HYDROMET DATA 2	WATER EQUIV	COMMENTS
--------------------	--------------------	----------------	----------

STATE 1

...Geopolitical Descriptor 1...

CITY ELEVATION	XXX.X		OPTIONAL TEXT
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\$\$

Name/Initials/Fcstr ID (OPTIONAL)

Note 1: The "Geopolitical Descriptor" can be any commonly used geographical or political designation such as counties, boroughs, parishes, zones, mountains, valleys, metropolitan areas, etc. The WFO determines which descriptor to use for the PNS.

Note 2: Elevation, in feet, is optional and may be appended to the end of the geopolitical descriptor.

Note 3: Comments may include, but are not limited to, time of the report, latitude/longitude of the reporting site, etc.

Note 4: Hydromet Type begins in column 31, Water Equivalent begins in column 43, and Comments begin in column 51.

Note 5: WFOs may continue to use the free-form text product until such time as nationally supported software for the more structured product shown above is available.

2.3.5.3 Hydrometeorological Format (without water equivalent)

1 2 3 4 5 6
12345678901234567890123456789012345678901234567890123456789

<u>Product Format</u>	<u>Description of Entry</u>
NOaai cccc ddhhmm	(WMO Heading)
PNSxxx	(AWIPS ID)
stZ001-005>015-ddhhmm-	(UGC:Z Product expiration time)
PUBLIC INFORMATION STATEMENT -or- APPROPRIATE HEADER INFORMATION	(MND)

NWSI 10-501 NOVEMBER 9, 2006

NATIONAL WEATHER SERVICE city st (Issuing Office)
time am/pm time_zone day mon dd yyyy (Issuance time
and date)

EXPLANATORY TEXT /HYDROMET TYPE A/

LOCATION ELEVATION HYDROMET COMMENTS
 Data 1

STATE 1
...Geopolitical Descriptor 1...

CITY ELEVATION XXX.X OPTIONAL TEXT

...Geopolitical Descriptor 2...

CITY1 ELEVATION XXX.X OPTIONAL TEXT
CITY2 XXX.X OPTIONAL TEXT

STATE 2
...Geopolitical Descriptor 1...

CITY XXX.X OPTIONAL TEXT

EXPLANATORY TEXT BETWEEN HYDROMETEOROLOGICAL TYPES /HYDROMET TYPE B/

LOCATION ELEVATION HYDROMET COMMENTS
 DATA 2

STATE 1
...Geopolitical Descriptor 1...

CITY ELEVATION XXX.X OPTIONAL TEXT

\$\$

Name/Initials/Fcstr ID (OPTIONAL)

Note 1: The “Geopolitical Descriptor” can be any commonly used geographical or political designation such as counties, boroughs, parishes, zones, mountains, valleys, metropolitan areas, etc. The WFO determines which descriptor to use for the PNS.

Note 2: Elevation, in feet, is optional and may be appended to the end of the geopolitical descriptor.

Note 3: Comments may include, but are not limited to, time of the report, latitude/longitude of the reporting site, etc.

Note 4: Hydromet Type begins in column 31 and Comments begin in column 43 when using the without water equivalent format.

Note 5: WFOs may continue to use the free-form text product until such time as nationally supported software for the more structured product shown above is available.

2.4 Updates, Amendments, and Corrections . Modifications are made to the PNS as needed. The appropriate terms “UPDATED,” or “CORRECTED,” preceded by three dots (...) will be appended to the product identification line in the mass disseminator header. As an important aid to users, a brief (usually one line) reason for the update or correction should be added.

3. **Weather Summary (Product Category RWS).**

3.1 Mission Connection. The Weather Summary (RWS) provides a brief narrative for a sub-state region, an entire state, or a multi-state region of recent past weather (up to 24 hours in the past), present weather, and forecast conditions (up to 24 hours in the future, but may extend up to 72 hours). The emphasis should be on past and current weather. WFOs, in coordination with their local users and Regional Headquarters, will determine the regional extent of this product and which WFOs will issue sub-state, state, or multi-state product(s).

3.2 Issuance Guidelines .

3.2.1 Creation Software . The RWS may be composed using the AWIPS text editor or any other text editor.

3.2.2 Issuance Criteria . The RWS is a routine product.

3.2.3 Issuance Time . The RWS should be issued at least twice daily based upon user requirements, generally mid-morning and early to mid-evening.

3.2.4 Valid Time . The RWS is generally valid up to 24 hours from the product issuance time.

3.2.5 Product Expiration Time . The RWS product expiration time may be up to 12 hours after issuance time.

3.2.6 Event Expiration Time . The RWS does not have an event expiration time.

3.3 Technical Description .

3.3.1 UGC Type . The RWS will use UGC Zone (Z) coding. The RWS may have several summaries grouped geographically. If grouped summaries are used, each summary should include a UGC header assigned for the public forecast zones within that grouping. The partitioning should be determined by the WFO, with the concurrence of the Regional Headquarters.

3.3.2 MND Broadcast Instruction Line . The RWS does not contain an MND Broadcast Instruction Line.

3.3.3 MND Product Type Line . The RWS MND is “WEATHER SUMMARY FOR “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” where “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” are replaced appropriately.

3.3.4 Content . The RWS may contain the entire range of meteorological variables, e.g., sky condition, weather, wind, temperature, snow depth, tides, water temperature, etc. Record and/or near-record temperatures, precipitation, heat, etc., should be mentioned. The synoptic features causing the weather may be mentioned but only in the very simplest, nontechnical terms.

3.3.5 Format . The RWS is a free-form text product.

<u>Product Format</u>	<u>Description of Entry</u>
AWaai cccc ddhhmm	(WMO Heading)
RWSxxx	(AWIPS ID)
stZ001-005>015-ddhhmm-	(UGC: <u>Z</u> & Product expiration time)
WEATHER SUMMARY FOR “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION”	(MND)
NATIONAL WEATHER SERVICE city st time am/pm time_zone day mon dd yyyy	(Issuing Office) (Issuing time and date)
[TEXT]	
\$\$	(UGC Delimiter)
Name/Initials/Fcstr ID	(Optional)

Note: The “xxx” in this product is either a modernized three-letter WFO identifier or a two-letter state abbreviation followed by a “space”.

3.4 Updates, Amendments, and Corrections . As needed, based upon user needs.

4. **Weather Roundup (Product Category RWR).**

4.1 Mission Connection . The Weather Roundup (RWR) provides routine, standardized hourly observations for a sub-state region, an entire state, or a multi-state region. Standardized observations are those that meet the criteria defined in National Weather Service Instruction (NWSI) 10-1302, Instrument Requirements and Standards for the NWS Surface Observing Programs (Land). WFOs, in coordination with their local users and Regional Headquarters, will determine the regional extent of this product and which WFOs will issue sub-state, multi-state, or state products.

4.2 Issuance Guidelines .

4.2.1 Creation Software . The RWR can be automatically composed and transmitted by use of a standard applications program that decodes the surface aviation observations (RiverPro), or created by the AWIPS (or any other) text editor.

4.2.2 Issuance Criteria . The RWR is a routine product.

4.2.3 Issuance Time . The RWR should be issued at least hourly. Since some observations are

available a few minutes before the hour, while others are not available until shortly after the hour, WFOs may run the application just before the hour for fast dissemination of early observations and again shortly after the hour when the rest of the observations are available.

4.2.4 Valid Time . The RWR is generally valid for 1 hour from the product issuance time.

4.2.5 Product Expiration Time . The RWR product expiration time is generally 1 hour after issuance time.

4.2.6 Event Expiration Time . The RWR does not have an event expiration time.

4.3 Technical Description .

4.3.1 UGC Type . Public Forecast Zones. Each RWR may have several groups of observations. Each group of observations should include a UGC header assigned for the public forecast zones within that grouping. The partitioning should be determined by the WFO, with the concurrence of the Regional Headquarters.

4.3.2 MND Broadcast Instruction Line . The RWR does not contain an MND Broadcast Instruction Line.

4.3.3 MND Product Type Line . The RWR MND is “WEATHER ROUNDUP FOR “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” where “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” are replaced appropriately.

4.3.4 Content. The RWR may contain the entire range of meteorological variables, e.g., sky condition, weather, temperature, dew point, relative humidity, wind, atmospheric pressure, etc. In remarks, Wind Chill Index will be abbreviated “WCI” and Heat Index will be abbreviated “HX”. Below zero values for temperature, dew point, and WCI will be preceded by a minus (-) sign. If the satellite cloud cover product is unavailable, reports from unaugmented ASOS stations will show “FAIR” for the sky/weather condition when there are few or no clouds (i.e., scattered or less) below 12,000 feet with no significant weather and/or obstructions to visibility. A note explaining the meaning of “FAIR” should appear after the MND header of all RWRs.

4.3.5 Format . The RWR is a tabular product.

Product Format
ASaa4i cccc ddhhmm
RWRxxx

Description of Entry
(WMO Heading)
(AWIPS ID)

WEATHER ROUNDUP FOR “SUB-STATE REGION”,
“STATE”, OR “MULTI-STATE REGION”
NATIONAL WEATHER SERVICE city st
time am/pm time_zone day mon dd yyyy

(MND)

(Issuing Office)
(Issuing time and date)

stZ001-005>015-ddhhmm-

(UGC:Z & Product
expiration time)

[TEXT]

\$\$

(UGC Delimiter)

Name/Initials/Fcstr ID

(Optional)

Note: The “xxx” in this product is either a modernized three-letter WFO identifier or a two-letter state abbreviation followed by a “space”.

4.4 Updates, Amendments, and Corrections . As needed, based upon user needs.

5. **Maximum/Minimum Temperature and Precipitation Table (Product Category RTP).**

5.1 Mission Connection . The Maximum/Minimum Temperature and Precipitation Table (RTP) provides the maximum/minimum temperatures and 24-hour precipitation totals from available reporting stations for a sub-state region, an entire state, or a multi-state region. Maximum/minimum temperature values should be for the previous 12 to 24 hours, as appropriate (e.g., morning products should report the minimum temperature during the current calendar day and the maximum temperature for the previous calendar day, while afternoon and evening products should report the maximum and minimum temperatures during the current calendar day. The calendar day is defined as being from midnight to midnight local time. Available reporting stations are those that meet the criteria defined in National Weather Service Instruction (NWSI) 10-1302, Instrument Requirements and Standards for the NWS Surface Observing Programs (Land). WFOs, in coordination with their local users and Regional Headquarters, will determine the regional extent of this product and which WFOs will issue sub-state, multi-state, or state product(s).

5.2 Issuance Guidelines .

5.2.1 Creation Software . The RTP can be automatically composed and transmitted by use of a standard applications program that decodes the surface aviation observations (RiverPro), or created by the AWIPS (or any other) text editor.

5.2.2 Issuance Criteria. The RTP is a routine product.

5.2.3 Issuance Time. The RTP should be issued at least twice daily; in the morning around 1230 hours UTC and in the afternoon/evening around 0030 hours UTC. Depending upon the time zone, WFOs may issue additional products to capture “calendar day” values as reports become available.

5.2.4 Valid Time . The RTP is generally valid up to 12 hours from the product issuance time.

5.2.5 Product Expiration Time . The RTP product expiration time may be up to 12 hours after issuance time.

5.2.6 Event Expiration Time . The RTP does not have an event expiration time.

5.3 Technical Description .

5.3.1 UGC Type . The RTP does not use UGC coding.

5.3.2 MND Broadcast Instruction Line . The RTP does not contain an MND Broadcast Instruction Line.

5.3.3 MND Product Type Line . The RTP MND is “MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” where “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION” are replaced appropriately.

5.3.4 Content . Maximum and minimum temperatures (in degrees Fahrenheit) and 24-hour precipitation totals. Weather elements such as current weather and snow depth may be included, but any additional information should be kept to a minimum. WFOs may list the highest and lowest temperatures for their region or area at the bottom of the report. WFOs should clearly identify the valid time period for the reported data at the top of the text.

5.3.5 Format . The RTP is a tabular product.

<u>Product Format</u>	<u>Description of Entry</u>
ASaa6i cccc ddhhmm	(WMO Heading)
RTPxxx	(AWIPS ID)
MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR “SUB-STATE REGION”, “STATE”, OR “MULTI-STATE REGION”	(MND)
NATIONAL WEATHER SERVICE city st	(Issuing Office)
time am/pm time_zone day mon dd yyyy	(Issuing time and date)

[TEXT]

\$\$

Name/Initials/Fcstr ID (Optional)

Note: The “xxx” in this product is either a modernized three-letter WFO identifier or a two-letter state abbreviation followed by a “space”.

5.4 Updates, Amendments, and Corrections . As needed, based upon user needs.

APPENDIX A - WFO Statements, Summaries, Tables Product Examples

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1. Introduction. This section contains examples of WFO Statements, Summaries, and Tables.

2. Public Information Statement.

A.

NOUS44 KBMX 292155
PNSBMX
ALZ011>050-300300-

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE BIRMINGHAM AL
500 PM CDT SAT JUN 29 2002

...LIGHTNING SAFETY RULES...

IF YOU ARE OUTSIDE...GET INTO A LARGE...ENCLOSED BUILDING. SUBSTANTIALLY CONSTRUCTED BUILDINGS TEND TO BE MUCH SAFER THAN SMALL OR OPEN STRUCTURES. ALTERNATELY...SEEK SHELTER IN A SEDAN-TYPE / NON-CONVERTIBLE / VEHICLE.

IN GENERAL...FULLY ENCLOSED...SEDAN-TYPE / NON-CONVERTIBLE / VEHICLES WITH THE WINDOWS ROLLED UP PROVIDE GOOD SHELTER FROM LIGHTNING. AVOID CONTACT WITH METAL INSIDE THE VEHICLE.

INSIDE A HOME...AVOID USING THE TELEPHONE EXCEPT FOR EMERGENCIES. ALSO...STAY AWAY FROM WINDOWS.

AVOID BEING IN OR NEAR HIGH PLACES AND OPEN FIELDS...ISOLATED TREES... UNPROTECTED GAZEBOS...RAIN OR PICNIC SHELTERS...BASEBALL DUGOUTS... TOWERS...FLAGPOLES...LIGHT POLES...BLEACHERS OF ANY TYPE...METAL FENCES...CONVERTIBLE VEHICLES...GOLF CARTS...MOTORCYCLES...SCOOTERS...RIDING LAWN MOWERS...OR WATER /OCEAN...LAKE...SWIMMING POOLS...RIVERS...PONDS ...ETC./.

MOVE AWAY FROM OPEN WATER OR FROM OPEN TRACTORS OR OTHER FARM EQUIPMENT.

STAY AWAY FROM WIRE FENCES...CLOTHESLINES...METAL PIPES...RAILS OR OTHER METALLIC PATHS WHICH COULD CARRY LIGHTNING FROM SOME DISTANCE AWAY.

IN A FOREST SEEK SHELTER IN A LOW AREA UNDER A THICK GROWTH OF SMALL TREES. IN OPEN AREAS...GO TO A LOW PLACE SUCH AS A RAVINE OR VALLEY. BE ALERT FOR FLASH FLOODS.

IF YOU FEEL YOUR HAIR STAND ON END...LIGHTNING MAY BE ABOUT TO STRIKE. STAY ON THE BALLS OF YOUR FEET BUT CROUCH DOWN AND MAKE AS LOW A TARGET OF YOURSELF AS POSSIBLE. DO NOT LIE FLAT ON THE GROUND.

REMEMBER...THERE IS NO TRUTH TO THE OLD MYTH THAT LIGHTNING NEVER STRIKES THE SAME PLACE TWICE.

PRACTICE THE 30/30 RULE. THE 30/30 RULE FOR LIGHTNING SAFETY COULD SAVE YOUR LIFE.

THE FIRST 30 MEANS THAT YOU NEED TO TAKE COVER IF YOU HEAR THUNDER WITHIN 30 SECONDS OF THE LIGHTNING FLASH. THEN WAIT AT LEAST 30 MINUTES AFTER THE LAST CLAP OF THUNDER IN ORDER TO RESUME NORMAL ACTIVITY - THE ALL CLEAR SIGNAL.

LIGHTNING RESEARCH HAS CONFIRMED THAT CONSECUTIVE LIGHTNING STRIKES CAN OCCUR AS MUCH AS SIX MILES APART. PEOPLE OFTEN DO NOT PERCEIVE LIGHTNING TO BE CLOSE IF IT IS TWO MILES OR MORE AWAY...BUT THE RISK OF THE NEXT STRIKE BEING AT YOUR LOCATION MAY ACTUALLY BE VERY HIGH. MANY LIGHTNING CASUALTIES OCCUR IN THE BEGINNING AS A THUNDERSTORM APPROACHED...BECAUSE PEOPLE IGNORE THESE PRECURSORS. WHEN THUNDERSTORMS ARE IN THE AREA BUT NOT OVERHEAD...THE LIGHTNING THREAT CAN EXIST EVEN IF IT IS SUNNY AT YOUR LOCATION.

\$\$

B.

NOUS45 KSLC 070924
 PNSSL
 UTZ001>009-071224-

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SALT LAKE CITY UT
 230 AM MST WED DEC 7 2005

...PRELIMINARY STORM TOTALS FOR NORTHERN UTAH...

AN ARCTIC FRONT WHICH MOVED THROUGH NORTHERN AND CENTRAL UTAH MONDAY AND MONDAY EVENING BROUGHT FAIRLY WIDESPREAD SNOW TO MUCH OF NORTHERN UTAH. BELOW ARE THE LATEST SNOWFALL REPORTS FOR LOCATIONS ACROSS NORTHERN UTAH. SOME REPORTS WERE RECEIVED BEFORE THE END OF THE EVENT.

LOCATION	SNOWFALL IN/S/	WATER EQUIV IN/S/	COMMENTS
----------	-------------------	-------------------------	----------

...NORTHERN WASATCH...

LOOKOUT PEAK 8200 FT	14	1.10	
HARDSCRABBLE 7250 FT	12	0.80	
TONY GROVE LAKE 8400 FT	11	0.70	
MONTE CRISTO 9000 FT	10	0.60	
LOUIS MEADOW 6700 FT	10	0.70	
PARLEYS SUMMIT 7500 FT	8	0.70	
FARMINGTON 8000 FT	7	0.60	
LITTLE BEAR 6550 FT	6	0.40	
BEN LOMOND PEAK 8000 FT	5	0.30	
BEN LOMOND TRAIL 6000 FT	5	0.30	
PARRISH CREEK 7740 FT	5	0.30	
DRY BREAD POND 8350 FT	5	0.30	
FARMINGTON LOWER 6800 FT	3	0.20	

...NORTHERN UTAH VALLEYS...

ALPINE	12		300 PM
SUNCREST	10		
CEDAR HILLS	8		200 PM
SANDY	7		
SLC AVENUES	5		
PLEASANT GROVE	7		300 PM
LOGAN /KVNU/	4		
LAYTON BENCH	4		
UPPER MILLCREEK	4	0.19	
WEST JORDAN	4		
DRAPER	3.5		
COTTONWOOD HEIGHTS	3.5		
LAYTON	3		
SPANISH FORK	3		
JORDANELLE RESERVOIR	3		1200 PM
MANTUA	3		
SALT LAKE AIRPORT	2.7		
SOUTH JORDAN	2.5	0.21	
GRANTSVILLE	1		

\$\$

C.

NOUS45 KSLC 070924
 PNSSL
 UTZ001>006-071224-

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SALT LAKE CITY UT
 230 AM MST WED DEC 7 2005

...FINAL STORM TOTALS FOR NORTHERN UTAH...

AN ARCTIC FRONT WHICH MOVED THROUGH NORTHERN AND CENTRAL UTAH MONDAY AND MONDAY EVENING BROUGHT FAIRLY WIDESPREAD SNOW TO MUCH OF NORTHERN UTAH. BELOW ARE THE FINAL SNOWFALL REPORTS FOR LOCATIONS ACROSS NORTHERN UTAH. SOME REPORTS WERE RECEIVED BEFORE THE END OF THE EVENT.

LOCATION	SNOWFALL IN/S/	COMMENTS
----------	-------------------	----------

...NORTHERN UTAH VALLEYS...

ALPINE	12	300 PM
SUNCREST	10	
CEDAR HILLS	8	200 PM
SANDY	7	
SLC AVENUES	5	
PLEASANT GROVE	7	300 PM
LOGAN /KVNU/	4	
LAYTON BENCH	4	
WEST JORDAN	4	
DRAPER	3.5	
COTTONWOOD HEIGHTS	3.5	
LAYTON	3	
SPANISH FORK	3	
JORDANELLE RESERVOIR	3	1200 PM
MANTUA	3	
SALT LAKE AIRPORT	2.7	
GRANTSVILLE	1	

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D.

NOUS43 KBIS 272015
 PNSBIS
 NDZ001>005-009>013-017>023-025-031>037-040>048-050-051-272315-

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE BISMARCK ND
 315 PM CDT WED SEP 27 2006

...FINAL RAINFALL TOTALS FOR WESTERN AND CENTRAL NORTH DAKOTA...

LOW PRESSURE AND A COLD FRONT MOVED THROUGH NORTH DAKOTA LAST NIGHT AND THIS MORNING AND BROUGHT MUCH NEEDED RAIN TO DROUGHT STRICKEN AREAS OF THE WEST AND CENTRAL.

RAIN ENDED OVER THE AREA EARLY THIS AFTERNOON. HERE ARE SOME FINAL TOTALS REPORTED TO THE NATIONAL WEATHER SERVICE IN BISMARCK.

LOCATION	RAINFALL IN/S/	COMMENTS
...ADAMS COUNTY...		
HETTINGER	1.05	ENDED 1115 AM
...BURLEIGH COUNTY...		
BISMARCK	0.98	
MOFFIT	0.90	
STERLING	0.89	
WILTON	1.17	
...GOLDEN VALLEY COUNTY...		
BEACH	1.64	
GOLVA	1.49	
...STARK COUNTY...		
DICKINSON	1.90	ENDED 1230 PM
LEFOR	1.65	
RICHARDTON	1.77	
...WILLIAMS COUNTY...		
WILLISTON	0.44	

\$\$

3.. Weather Summary

A.

AWUS83 KOMA 201424
 RWSNE
 NEZ001>093-210200-

WEATHER SUMMARY FOR NEBRASKA
 NATIONAL WEATHER SERVICE OMAHA/VALLEY NE
 924 AM CDT MON MAY 20 2002

SKIES REMAINED MOSTLY CLOUDY WEST OF AN AINSWORTH TO ORD TO SUPERIOR LINE MONDAY MORNING. EVEN A FEW SPRINKLES WERE INDICATED BY RADAR OVER SOUTH CENTRAL AREAS. SKIES WERE SUNNY ACROSS THE EAST...AND ALSO OVER PARTS OF THE PANHANDLE.

NWSI 10-501 NOVEMBER 9, 2006

TEMPERATURES AROUND THE STATE BY 9 AM CDT WERE IN THE UPPER 40S AND 50S...RANGING FROM 46 DEGREES AT AINSWORTH UP TO 56 DEGREES AT MCCOOK. OVERNIGHT LOWS THROUGH 7 AM CDT WERE ABOVE FREEZING... VARYING FROM 34 DEGREES AT AINSWORTH...COLUMBUS...AND ONEILL... UP TO 50 DEGREES AT CHADRON...HASTINGS...HOLDREGE...LEXINGTON... AND NORTH PLATTE.

WINDS THIS MORNING WERE EAST AT LESS THAN 15 MPH ACROSS THE EAST...AND SOUTHEAST AT 10 TO 20 MPH WITH AREAS OF HIGHER GUSTS OVER WESTERN NEBRASKA.

\$\$

KLEMM

B.

AWUS81 KLWX 220852
RWSLWX
MDZ002>007-009>011-013-014-016>018-WVZ048>055-VAZ021-025>031-036>042-050>057-DCZ001-221000-

WEATHER SUMMARY FOR MARYLAND WEST OF THE CHESAPEAKE BAY AND EAST OF GARRETT COUNTY... THE DISTRICT OF COLUMBIA... NORTHERN VIRGINIA... THE NORTHERN AND CENTRAL SHENANDOAH VALLEY AND THE EASTERN PANHANDLE OF WEST VIRGINIA
NATIONAL WEATHER SERVICE BALTIMORE/WASHINGTON
500 AM EDT WED MAY 22 2002

SKIES WERE CLEAR ACROSS THE REGION EARLY THIS MORNING. EARLY MORNING TEMPERATURES WERE IN THE 30S AND 40S.

HIGH PRESSURE WILL REMAIN OVER THE REGION TODAY. UNDER SUNNY SKIES TEMPERATURES WILL CLIMB WELL INTO THE 70S.

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4. Weather Roundup.

A:

ASUS41 KWBC 171404
RWRVA

WEATHER ROUNDUP FOR VIRGINIA
NATIONAL WEATHER SERVICE BLACKSBURG VA
1000 AM EDT WED SEP 17 2003

NOTE: FAIR INDICATES FEW OR NO CLOUDS BELOW 12K FEET WITH NO SIGNIFICANT WEATHER AND/OR OBSTRUCTIONS TO VISIBILITY. *=STATION THAT DOES NOT REPORT PRECIPITATION /E.G. RAIN...SNOW...ETC./ ...THUNDER OR FOG.

VAZ042-051-052>054-056-171500-
IN NORTHERN VIRGINIA

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
WASH NATIONAL	MOSUNNY	70	59	68	NE9	30.28R	
WASH DULLES	SUNNY	67	56	67	N6	30.29R	

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VAZ020-022-025-037-045-171500-
IN WESTERN VIRGINIA

NWSI 10-501 NOVEMBER 9, 2006

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
CHARLOTTESVILL	SUNNY	67	56	67	CALM	30.26R	
ROANOKE	SUNNY	63	54	72	N10	30.29R	
LYNCHBURG	SUNNY	67	52	58	VRB6	30.27R	
DANVILLE	SUNNY	68	55	63	NE12	30.24R	

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VAZ071-094-095-098-099-171500-
IN SOUTHEASTERN VIRGINIA

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
RICHMOND	MOSUNNY	70	61	73	N10	30.22R	
NEWPORT NEWS	SUNNY	73	62	68	E15G25	30.17R	
NORFOLK	MOSUNNY	75	64	68	E16G25	30.14S	
WALLOPS ISLAND	SUNNY	73	58	59	NE25G31	30.20R	

\$\$

B.

ASHW40 PHFO 232110
RWRHI

WEATHER ROUNDUP FOR HAWAII
NATIONAL WEATHER SERVICE HONOLULU HI
1100 AM HST THU MAR 23 2006

NOTE... FAIR INDICATES FEW OR NO CLOUDS BELOW 12 000 FEET
WITH NO SIGNIFICANT WEATHER AND/OR OBSTRUCTIONS TO VISIBILITY.

HIZ001>004-232200-
KAUAI-NIIHAU-

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
LIHUE	LGT RAIN	73	68	83	SW10	29.88R	

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HIZ005>011-232200-
OAHU-

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
HONOLULU	MOSUNNY	75	72	89	S6	29.88F	
KALAELOA	MOSUNNY	76	73	92	VRB5	29.89F	
KANELOHE MCB	PTSUNNY	78	72	80	CALM	29.87F	
WHEELER FIELD	PTSUNNY	75	68	78	SW12	29.90S	

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HIZ012>022-232200-
MAUI-MOLOKAI-LANAI-KAHOOLAWE-

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
KAHULUI	PTSUNNY	83	66	56	S25G33	29.88F	
KAPALUA	PTSUNNY	81	66	61	S23G30	29.89F	
MOLOKAI AIRPT	RAIN	76	72	86	S17G25	29.90S	
LANAI CITY	PTSUNNY	71	70	96	S14	29.96S	

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HIZ023>028-232200-
BIG ISLAND OF HAWAII-

CITY	SKY/WX	TMP	DP	RH	WIND	PRES	REMARKS
KAILUA KONA	CLOUDY	83	66	56	SW14	29.88F	
BRADSHAW FIELD	PTSUNNY	64	46	52	W2	30.17S	
HILO	PTSUNNY	84	64	51	N10	29.89F	

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NWSI 10-501 NOVEMBER 9, 2006

PHZ110>124-180-232200-
BUOY REPORTS

STATION/POSITION	TIME	TEMP		WIND		PRES	WAVE		SWELL	
		AIR	SEA	DIR/SP/G			HT/PER	HT/DIR		
	/UTC/	/F/		/DEG/KT/KT/	/MB/		/FT/S/	/FT/D/		
BUOY 51001	2100	74	75	240/ 4/ 4	1010.5S	6/ 8	7/ 20			
BUOY 51002	2000	77	76	120/ 4/ 6	1012.4R	5/ 9	5			
BUOY 51003	2100	77	77	220/ 8/ 8	1011.5F	6/13	5			
BUOY 51004	2100	78	75	110/ 10/ 12	1014.5R	6/ 8	5			
WAIMEA BAY BUOY	2000				N/A	3/ 8	2/ 20			
KAILUA BAY BUOY	2000		76		N/A	5/ 8	2/ 60			
BUOY 51028	2100	78	79	90/ 14/ 16	1010.1F	6/10	5/ 40			

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5. Max/Min Temperature and Precipitation Table

A.

ASUS61 KALY 061219
RTPNY

MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR NEW YORK
NATIONAL WEATHER SERVICE ALBANY NY
717 AM EST THU NOV 06 2003

STATION	OVERNIGHT	YESTERDAYS	24 HOUR
	LOW 12HRS - 7AM	HIGH 24HRS - 7AM	PRECIPITATION ENDING 7AM
DUNKIRK NY	43	69	0.01
BUFFALO NY	39	68	0.01
NIAGARA FALLS NY	37	68	T
ROCHESTER NY	41	69	0.03
DANSVILLE NY	47	69	0.01
PENN YAN NY	43	65	T
ELMIRA NY	44	65	0.13
WATERTOWN NY	42	67	0.03
FULTON NY	44	66	0.12
SYRACUSE NY	45	66	T
BINGHAMTON NY	41	59	0.29
UTICA NY	43	56	0.06
MASSENA NY	39	66	0.32
SARANAC LAKE NY	35	56	0.13
GLENS FALLS NY	48	52	0.08
ALBANY NY	45	57	0.14
POUGHKEEPSIE NY	50	54	0.45
MONTGOMERY NY	51	55	0.49
LA GUARDIA AP NY	55	61	0.23
JFK AIRPORT NY	58	61	1.08
ISLIP NY	57	63	1.43

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B.

ASUS61 KGYX 061223
RTPGYX

MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR ME AND NH
NATIONAL WEATHER SERVICE GRAY ME
722 AM EST THU NOV 06 2003

YDA THIS AM 24HR PCPN

NWSI 10-501 NOVEMBER 9, 2006

STATION	MAX	MIN	ENDED THIS AM	SNOW DEPTH
MAINE...				
AUGUSTA	46	37	0.23	
BANGOR	47	37	0.20	
BAR HARBOR	54	46	0.22	
CARIBOU	43	39	0.02	
FRENCHVILLE	44	33	0.07	
FRYEBURG	53	36	0.25	
GRAY	41	38	0.37	
GREENVILLE	51	37		
HOULTON	47	40	0.15	
LEWISTON	45	39		
MILLINOCKET	49	39	0.29	
PORTLAND	47	42	0.32	
PRESQUE ISLE	43	41	0.08	
ROCKLAND	52	45		
RUMFORD	41	28		
SANFORD	54	43		
WATERVILLE	48	37	0.19	
WISCASSET	50	41	0.44	
NEW HAMPSHIRE...				
BERLIN	51	35	0.06	
CONCORD	50	42	0.33	
JAFFREY	52	44	0.22	
KEENE	45	41		
LACONIA	52	43	0.17	
LEBANON	47	36	0.14	
MANCHESTER	49	41	0.29	
MOUNT WASHINGTON	46	27	0.64	
ROCHESTER	52	42		
WHITEFIELD	49	37	0.08	

THE PRECIPITATION SENSOR ON THE AUTOMATED OBSERVING EQUIPMENT
 LOCATED AT MOST STATIONS DOES NOT PROVIDE ACCURATE WATER EQUIVALENTS
 /24HR PCPN/ FOR FREEZING AND FROZEN PRECIPITATION EVENTS.

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C.

ASUS63 KLBF 061548
 RTPLBF

MAX/MIN TEMPERATURE AND PRECIPITATION TABLE FOR NEBRASKA
 NATIONAL WEATHER SERVICE NORTH PLATTE NE
 933 AM CST THU NOV 06 2003

.BR LBF 1106 C DH00/TX/DH06/TAIRZP/PPDRZ/SF/SD
 :
 : WESTERN AND NORTH CENTRAL NEBRASKA - TEMPERATURE AND PRECIPITATION
 : VALUES REPRESENT YESTERDAYS HIGHS... .LOW OVER THE LAST 12 HOURS
 : AND PRECIPITATION OVER THE LAST 24 HOURS ENDING AT 6 AM CST
 :
 : STATION NAME MAX / MIN / 24-HOUR / SNOW / SNOW
 : TEMP / TEMP / PRECIP / FALL / DEPTH
 :
 LBF : NORTH PLATTE ARPT : 33 / 25 / 0.00 / 0.0 / 0
 VTN : VALENTINE ARPT : 23 / 9 / T / T / 2
 BBW : BROKEN BOW ARPT : 28 / 23 / 0.00 / M / M
 IML : IMPERIAL ARPT : 29 / 28 / T / M / M
 ANW : AINSWORTH ARPT : 23 / 18 / T / M / M
 ONL : O'NEILL ARPT : 23 / 13 / 0.04 / M / M
 OGA : OGALLALA ARPT : 30 / 28 / T / M / M
 .END

NWSI 10-501 NOVEMBER 9, 2006

.BR LBF 1106 C DH07/TX/TN/PP/SF/SD

:

: COOPERATIVE OBSERVATIONS

: VALUES ARE FOR THE PREVIOUS 24 HOURS ENDING AT 7 AM CST

:

ARNN1	:	ARNOLD	:	29	/	24	/	0.00	/	M	/	M
ARHN1	:	ARTHUR	:	29	/	19	/	T	/	1.0	/	1
CHMN1	:	CHAMBERS	:	24	/	18	/	T	/	M	/	M
ECSN1	:	ERICSON	:	26	/	21	/	0.00	/	M	/	M
HAYN1	:	HAYES CENTER	:	31	/	22	/	M	/	M	/	M
HYSN1	:	HAY SPRINGS	:	24	/	9	/	T	/	T	/	4
HYNN1	:	HYANNIS	:	26	/	14	/	0.00	/	M	/	M
MDDN1	:	MADRID	:	30	/	21	/	0.00	/	M	/	M
STAN1	:	STAPLETON	:	31	/	18	/	T	/	T	/	T
SWAN1	:	SWAN LAKE	:	26	/	18	/	T	/	1.0	/	1
WAUN1	:	WAUNETA	:	30	/	27	/	M	/	M	/	M
BUTN1	:	BUTTE	:	22	/	11	/	0.00	/	0.0	/	1
CTSN1	:	CURTIS	:	33	/	22	/	M	/	M	/	M
ENDN1	:	ENDERS	:	30	/	23	/	0.00	/	M	/	M
IMPN1	:	IMPERIAL	:	29	/	23	/	M	/	M	/	M
CABN1	:	MEDICINE CREEK DM	:	35	/	20	/	0.00	/	0.0	/	0
OSKN1	:	OSHKOSH 10NE	:	M	/	M	/	0.01	/	0.2	/	0
KNGN1	:	KINGSLEY DAM	:	M	/	M	/	T	/	M	/	M
KIGN1	:	KILGORE	:	23	/	5	/	M	/	M	/	M

.END

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