

NOUS41 KWBC 281134
PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 09-26
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
734 AM EDT FRI AUG 28 2009

TO: SUBSCRIBERS:
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-NOAA WEATHER WIRE SERVICE
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OTHER NWS PARTNERS...USERS AND EMPLOYEES

FROM: JASON TUELL
CHIEF...SCIENCE PLANS BRANCH
OFFICE OF SCIENCE AND TECHNOLOGY

SUBJECT: ADDITIONAL STATIONS IN NCEP NAM SOUNDINGS COLLECTIVES ON
NOAAPORT: EFFECTIVE NOVEMBER 10 2009

EFFECTIVE NOVEMBER 10 2009...BEGINNING WITH THE 1200 COORDINATED UNIVERSAL
TIME /UTC/ MODEL DISTRIBUTION...THE NATIONAL CENTERS FOR ENVIRONMENTAL
PREDICTION /NCEP/ WILL INCLUDE ADDITIONAL STATIONS IN THE NORTH AMERICAN
MESOSCALE /NAM/ MODEL BINARY UNIVERSAL FORM FOR THE REPRESENTATION OF
METEOROLOGICAL DATA /BUFR/ SOUNDING COLLECTIVES DISSEMINATED ON NOAAPORT.

THE ADDITIONAL SOUNDINGS WILL RESULT IN NO CHANGES TO THE WORLD
METEOROLOGICAL ORGANIZATION /WMO/ HEADERS OF THE NOAAPORT SOUNDINGS
COLLECTIVES. THE HEADERS LISTED BELOW IN TABLE 1 ARE USED TODAY AND THESE
HEADERS WILL CONTINUE BE USED. THERE WILL ALSO BE NO CHANGE TO THE BUFR
FORMAT OF THE PRODUCTS EXCEPT THAT NEW STATIONS WILL BE INCLUDED IN THE
COLLECTIVES. THE NEW STATIONS APPEAR BELOW IN TABLE 2.

TABLE 1: WMO COMMUNICATION IDENTIFIERS FOR THE NAM BUFR COLLECTIVES

JUSA41 KWNO
JUSA42 KWNO
JUSB43 KWNO
JUSB44 KWNO
JUSB45 KWNO
JUSB46 KWNO
JUSX49 KWNO

TABLE 2: NEW STATIONS TO BE ADDED TO NAM BUFR SOUNDING COLLECTIVES

COLLECTIVE 1 /JUSA41/:

| STATION NUMBER | STATION LATITUDE | STATION LONGITUDE | ID | STATION NAME |
|-------------------|---------------------|----------------------|------|----------------|
| ----- | ----- | ----- | --- | ----- |
| 000212 | 36.20N | 81.65W | TNB | BOONE NC |
| 000266 | 26.42N | 81.44W | KIMM | IMMOKALEE FL |
| 000267 | 26.75N | 80.94W | 2IS | CLEWISTON FL |
| 000943 | 36.30N | 74.60W | OPA5 | ATLANTIC OCEAN |

| STATION NUMBER | STATION LATITUDE LONGITUDE | ID | STATION NAME |
|-------------------|-------------------------------|------|--------------------------|
| ----- | ----- | --- | ----- |
| 000944 | 35.60N 73.80W | OPA6 | ATLANTIC OCEAN |
| 000945 | 34.90N 70.80W | OPA7 | ATLANTIC OCEAN |
| 000946 | 33.80N 76.00W | OPA8 | ATLANTIC OCEAN |
| 000947 | 32.80N 72.30W | OPA9 | ATLANTIC OCEAN |
| 041004 | 32.50N 79.07W | B#T | BUOY E SAVANNAH ATLANTIC |

COLLECTIVE 2 /JUSA42/:

| STATION NUMBER | STATION LATITUDE LONGITUDE | ID | STATION NAME |
|-------------------|-------------------------------|------|---|
| ----- | ----- | --- | ----- |
| 000213 | 42.59N 87.94W | KENW | KENOSHA/ASOS/ WI |
| 000257 | 42.75N 86.10W | BIV | TULIP CITY AIRPORT MI |
| 000258 | 42.41N 86.28W | LWA | SOUTH HAVEN MI |
| 000261 | 43.78N 87.85W | KSBM | SHEBOYGAN/ASOS/ WI |
| 000284 | 41.10N 72.89W | LISO | LONG ISLAND SOUND |
| 000299 | 43.78N 82.99W | BAX | BAD AXE MI |
| 000627 | 38.00N 80.00W | C27 | NEAR HOT SPRINGS VA |
| 000939 | 42.35N 67.70W | OPA1 | ATLANTIC OCEAN |
| 000940 | 39.30N 72.00W | OPA2 | ATLANTIC OCEAN |
| 000941 | 39.30N 65.70W | OPA3 | ATLANTIC OCEAN |
| 000942 | 37.30N 70.10W | OPA4 | ATLANTIC OCEAN |
| 044017 | 40.70N 72.10W | B#V | BUOY 23 SW MONTAUK ATLANTIC |
| 044027 | 44.30N 67.30W | JPB | JONESPORT BUOY ATLANTIC |
| 713970 | 44.98N 64.92W | CYZX | GREENWOOD /CAN-MIL/ NOVA SCOTIA |
| 716090 | 45.32N 65.88W | CYSJ | SAINT JOHN AIRPORT NEW BRUNSWICK |
| 717050 | 46.12N 64.68W | CYQM | MONCTON AIRPORT NEW BRUNSWICK |
| 717060 | 46.28N 63.13W | CYYG | CHARLOTTETOWN AIRPORT PRINCE EDWARD ISLAND |
| 727435 | 46.35N 87.40W | SAW | KI SAWYER AIR FORCE BASE MI |

COLLECTIVE 3 /JUSB43/:

| STATION NUMBER | STATION LATITUDE LONGITUDE | ID | STATION NAME |
|-------------------|-------------------------------|-------|---------------------------------|
| ----- | ----- | --- | ----- |
| 000262 | 30.90N 102.85W | FSTK* | FORT STOCKTON/ASOS/ TX |
| 000263 | 33.64N 91.75W | LLQ | MONTICELLO AIRPORT/ASOS/ AR |
| 000264 | 36.22N 92.28W | BPK | MOUNTAIN HOME AR |
| 000265 | 31.38N 103.51W | KPEQ | PECOS MUNICIPAL TX |
| 000268 | 31.18N 99.32W | BBD | BRADY CURTIS FIELD TX |
| 000269 | 30.59N 100.65W | SOA | SONORA MUNICIPAL TX |
| 000296 | 33.50N 106.18W | OSC | OSCURA RANGE CAMP NM |
| 000297 | 33.82N 106.65W | 95E | STALLION ARMY AIR FORCE BASE NM |
| 747400 | 30.50N 99.77W | JCT | JUNCTION /ASOS/ TX |

*THE CHARACTER F IN THE FORT STOCKTON TX STATION ID /FSTK/ SHOULD BE LOWER CASE.

COLLECTIVE 4 /JUSB44/:

| STATION NUMBER | STATION LATITUDE | STATION LONGITUDE | ID | STATION NAME |
|-------------------|---------------------|----------------------|------|-----------------------------|
| 000260 | 41.59N | 95.34W | HNR | HARLAN MUNICIPAL AIRPORT IA |
| 710780 | 56.87N | 101.08W | CYYL | LYNN LAKE AIRPORT MANITOBA |
| 725533 | 40.08N | 95.60W | FNB | FALLS CITY/BRENNER NE |

COLLECTIVE 5 /JUSB45/:

| STATION NUMBER | STATION LATITUDE | STATION LONGITUDE | ID | STATION NAME |
|-------------------|---------------------|----------------------|------|--------------------------|
| 000285 | 39.69N | 121.91W | KCIC | NEAR CHICO CA |
| 000286 | 39.17N | 121.11W | GVY | GRASS VALLEY CA |
| 000287 | 35.62N | 119.69W | LHS | LOST HILLS CA |
| 000288 | 35.66N | 121.28W | PPB | POINT PIEDRAS BLANCAS CA |
| 000289 | 38.61N | 123.21W | CZC | CAZADERO CA |
| 000290 | 38.51N | 123.22W | FRS | FORT ROSS CA |
| 000291 | 38.78N | 122.99W | CVD | CLOVERDALE CA |
| 000292 | 37.11N | 120.24W | CCL | CHOWCHILLA CA |
| 000293 | 38.65N | 122.87W | HBG | HEALDSBURG CA |
| 000294 | 39.00N | 123.12W | HLD | HOPLAND CA |
| 000295 | 38.51N | 122.96W | ROD | RIO DELL CA |
| 000298 | 40.58N | 111.63W | ALTA | ALTA COLLINS UT |
| 000952 | 41.75N | 129.90W | OPP5 | PACIFIC OCEAN |
| 000953 | 41.90N | 125.80W | OPP6 | PACIFIC OCEAN |
| 000954 | 39.20N | 125.50W | OPP7 | PACIFIC OCEAN |
| 000955 | 36.40N | 125.40W | OPP8 | PACIFIC OCEAN |
| 000956 | 33.30N | 125.00W | OPP9 | PACIFIC OCEAN |
| 000957 | 34.60N | 122.30W | OPPA | PACIFIC OCEAN |
| 000958 | 30.90N | 121.50W | OPPB | PACIFIC OCEAN |
| 000959 | 29.60N | 117.00W | OPPC | PACIFIC OCEAN |
| 046047 | 32.40N | 119.50W | B#U | BUOY W SAN DIEGO PACIFIC |
| 724700 | 39.62N | 110.75W | PUC | PRICE/CARB./ASOS/ UT |
| 725775 | 41.28N | 111.03W | EVW | EVANSTON/BRN. FIELD WY |

COLLECTIVE 6 /JUSB46/:

| STATION NUMBER | STATION LATITUDE | STATION LONGITUDE | ID | STATION NAME |
|-------------------|---------------------|----------------------|------|----------------------------|
| 000259 | 45.35N | 117.23W | JOES | JOSEPH OR |
| 000948 | 48.10N | 130.50W | OPP1 | PACIFIC OCEAN |
| 000949 | 48.10N | 126.60W | OPP2 | PACIFIC OCEAN |
| 000950 | 45.30N | 129.70W | OPP3 | PACIFIC OCEAN |
| 000951 | 45.30N | 125.60W | OPP4 | PACIFIC OCEAN |
| 727857 | 46.75N | 117.12W | KPUW | PULLMAN/MOSCOW REGIONAL WA |

COLLECTIVE 9 /JUSX49/:

| STATION NUMBER | STATION LATITUDE | STATION LONGITUDE | ID | STATION NAME |
|-------------------|---------------------|----------------------|------|---------------------------|
| 000205 | 59.90N | 161.75W | A#C | SSE OF BETHEL AK |
| 000206 | 62.88N | 149.83W | PAEC | CHULITNA AK |
| 000207 | 60.79N | 148.83W | PATO | PORTAGE GLACIER CENTER AK |
| 000208 | 60.49N | 149.79W | A#D | COOPER LANDING AK |

| | | | |
|--------|----------------|------|------------------|
| 000209 | 60.95N 149.14W | A#E | GIRDWOOD AK |
| 000210 | 60.78N 148.72W | PAWR | WHITTIER AK |
| 702550 | 61.97N 151.18W | PASW | SKWENTNA AK |
| 702770 | 60.12N 149.45W | PAWD | SEWARD /ASOS/ AK |

FOR QUESTIONS CONCERNING THESE CHANGES...PLEASE CONTACT:

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FOR QUESTIONS ABOUT THE NOAAPORT ACTIVATION OF THESE PRODUCTS...PLEASE CONTACT:

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NATIONAL TECHNICAL IMPLEMENTATION NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/notification/archive)

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