

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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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 | STATION 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 | STATION 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 | STATION 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 | LATITUDE | 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 | LATITUDE | 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 | LATITUDE | 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 | LATITUDE | 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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