

02096960 HAW RIVER NEAR BYNUM, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1982-86, 1989-1996, 1998, 2002, to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1981 to September 1984.

WATER TEMPERATURE: October 1981 to September 1984.

INSTRUMENTATION.-- Water-quality monitor from October 1981 to September 1984.

REMARKS.--Station operated in cooperation with the Upper Cape Fear River Basin Association to assess constituent loads.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 514 microsiemens, Sept. 19, 1983; minimum, 46 microsiemens, March 21, 1983.

WATER TEMPERATURE: Maximum, 35.0°C, July 21, 1983; minimum, 0.0°C, on several days during winter months in water years 1982 and 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

| Date | Time | Instantaneous discharge, cfs (00061) | Color, water, fltrd, Pt-Co units (00080) | Turbidity, wat unf lab, Hach 2100AN NTU (99872) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Disolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specif. conductance, wat unf uS/cm 25 degC (00095) | Temperature, water, deg C (00010) | Hardness, water, mg/L as CaCO ₃ (00900) | Calcium water, fltrd, mg/L (00915) | Magnesium, water, fltrd, mg/L (00925) |
|------------|------|--------------------------------------|--|---|------------------------------------|--------------------------------|--|---|--|-----------------------------------|--|------------------------------------|---------------------------------------|
| OCT | | | | | | | | | | | | | |
| 01... | 0915 | 676 | -- | -- | 761 | 8.9 | 95 | 7.6 | 130 | 18.3 | -- | -- | -- |
| 07... | 0900 | 525 | -- | -- | 760 | 9.5 | 99 | 7.8 | 196 | 17.4 | -- | -- | -- |
| 15... | 1030 | 638 | -- | -- | 753 | 9.3 | 101 | 8.0 | 156 | 18.8 | -- | -- | -- |
| 20... | 1030 | 559 | -- | -- | -- | 9.5 | -- | 8.3 | 198 | 16.6 | -- | -- | -- |
| 31... | 1245 | 958 | -- | -- | 765 | 11.3 | 112 | 7.7 | 178 | 14.8 | -- | -- | -- |
| NOV | | | | | | | | | | | | | |
| 12... | 0900 | 482 | -- | -- | 757 | 11.2 | 109 | 8.0 | 224 | 13.8 | -- | -- | -- |
| 21... | 1000 | 1,110 | -- | -- | 759 | 10.7 | 102 | 7.7 | 240 | 13.1 | -- | -- | -- |
| 28... | 1100 | 503 | -- | -- | 750 | 12.2 | 115 | 7.7 | 193 | 12.0 | -- | -- | -- |
| DEC | | | | | | | | | | | | | |
| 11... | 1330 | 4,540 | -- | -- | 749 | 13.1 | 113 | 7.3 | 136 | 7.9 | -- | -- | -- |
| 23... | 1100 | 1,140 | -- | -- | 760 | 14.2 | 110 | 7.3 | 126 | 4.4 | -- | -- | -- |
| JAN | | | | | | | | | | | | | |
| 06... | 0900 | 716 | -- | -- | -- | 11.7 | -- | 7.8 | 160 | 10.3 | -- | -- | -- |
| 20... | 0930 | 736 | -- | -- | 760 | 13.6 | 105 | 7.9 | 226 | 4.3 | -- | -- | -- |
| FEB | | | | | | | | | | | | | |
| 03... | 0930 | 875 | -- | -- | 756 | 13.0 | 100 | 7.2 | 312 | 3.8 | -- | -- | -- |
| 18... | 1100 | 1,280 | -- | -- | 761 | 14.0 | 107 | 7.4 | 190 | 3.9 | -- | -- | -- |
| MAR | | | | | | | | | | | | | |
| 08... | 0915 | 999 | -- | -- | 754 | 11.8 | 114 | 7.4 | 178 | 13.3 | -- | -- | -- |
| 18... | 0900 | 1,400 | -- | -- | 760 | 11.9 | 107 | 7.5 | 186 | 10.7 | -- | -- | -- |
| 30... | 0930 | 589 | -- | -- | 760 | 10.6 | 106 | 8.0 | 220 | 15.2 | -- | -- | -- |
| APR | | | | | | | | | | | | | |
| 13... | 1000 | 1,990 | -- | -- | 746 | 10.8 | 107 | 7.5 | 217 | 13.9 | -- | -- | -- |
| MAY | | | | | | | | | | | | | |
| 12... | 1030 | 421 | -- | -- | 763 | 8.7 | 104 | 7.8 | 190 | 24.4 | -- | -- | -- |
| 27... | 0900 | 281 | -- | -- | 752 | 7.7 | 99 | 7.9 | 276 | 27.8 | -- | -- | -- |
| JUN | | | | | | | | | | | | | |
| 10... | 0915 | 782 | -- | -- | 757 | 8.6 | 105 | 7.5 | 175 | 24.6 | -- | -- | -- |
| 22... | 0915 | 187 | -- | -- | 756 | 7.4 | 91 | 7.6 | 195 | 25.4 | -- | -- | -- |
| JUL | | | | | | | | | | | | | |
| 09... | 0930 | 1,460 | -- | -- | 759 | 7.7 | 99 | 7.5 | 186 | 28.3 | -- | -- | -- |
| 15... | 0945 | 204 | -- | -- | 751 | 6.9 | 89 | 7.6 | 189 | 28.0 | -- | -- | -- |
| 20... | 0930 | 916 | -- | 32 | 753 | 7.5 | 92 | 7.3 | 160 | 25.2 | 23 | 5.60 | 2.26 |
| 27... | 1415 | 137 | -- | 7.6 | 756 | 8.1 | 107 | 8.1 | 188 | 29.1 | 33 | 7.20 | 3.58 |
| 30... | 1015 | 2,520 | -- | 84 | 760 | 8.0 | 98 | 7.6 | 259 | 25.7 | 37 | 9.30 | 3.31 |
| 30... | 1030 | 2,500 | 88 | -- | 760 | 8.0 | 98 | 7.6 | 295 | 25.7 | 37 | 9.18 | 3.36 |
| AUG | | | | | | | | | | | | | |
| 03... | 0945 | 1,230 | -- | 52 | 752 | 7.5 | 96 | 7.5 | 132 | 26.9 | 28 | 6.77 | 2.77 |
| 06... | 1015 | 353 | -- | -- | 754 | 8.1 | 103 | 7.6 | 143 | 26.9 | -- | -- | -- |
| 15... | 0845 | 2,200 | -- | 89 | 762 | 8.0 | 92 | 7.6 | 242 | 22.1 | 34 | 8.54 | 3.10 |

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

| Date | Potassium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) | ANC, wat unf incr., titr., field, mg/L as CaCO ₃ (00419) | Bicarbonate, wat unf inerm. titr., field, mg/L (00450) | Chloride, water, fltrd, mg/L (00940) | Fluoride, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate, water, fltrd, mg/L (00945) | Residue on evap. at 180degC wat flt (70300) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | Nitrite + nitrate water, fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) |
|-------|---------------------------------------|------------------------------------|---|--|--------------------------------------|--------------------------------------|------------------------------------|-------------------------------------|---|---|---|---|---|
| OCT | | | | | | | | | | | | | |
| 01... | -- | -- | 37 | 45 | -- | -- | -- | -- | -- | .52 | <.015 | .55 | E.002 |
| 07... | -- | -- | 47 | 57 | -- | -- | -- | -- | -- | .52 | <.010 | 1.20 | .003 |
| 15... | -- | -- | 38 | 46 | -- | -- | -- | -- | -- | .42 | <.010 | .67 | .003 |
| 20... | -- | -- | 44 | 54 | -- | -- | -- | -- | -- | .51 | <.010 | .74 | .003 |
| 31... | -- | -- | 42 | 52 | -- | -- | -- | -- | -- | .52 | .023 | .94 | .005 |
| NOV | | | | | | | | | | | | | |
| 12... | -- | -- | 52 | 63 | -- | -- | -- | -- | -- | .45 | <.010 | 1.12 | .004 |
| 21... | -- | -- | 56 | 69 | -- | -- | -- | -- | -- | .54 | .023 | 1.23 | .005 |
| 28... | -- | -- | 42 | 51 | -- | -- | -- | -- | -- | .46 | E.009 | .91 | .003 |
| DEC | | | | | | | | | | | | | |
| 11... | -- | -- | 31 | 38 | -- | -- | -- | -- | -- | 1.0 | .042 | 1.18 | .007 |
| 23... | -- | -- | 27 | 33 | -- | -- | -- | -- | -- | .48 | .044 | .69 | .005 |
| JAN | | | | | | | | | | | | | |
| 06... | -- | -- | 42 | 51 | -- | -- | -- | -- | -- | .41 | E.005 | 1.29 | .005 |
| 20... | -- | -- | 63 | 77 | -- | -- | -- | -- | -- | .53 | <.010 | 1.28 | .006 |
| FEB | | | | | | | | | | | | | |
| 03... | -- | -- | 74 | 90 | -- | -- | -- | -- | -- | .55 | E.007 | 1.45 | .014 |
| 18... | -- | -- | 62 | 76 | -- | -- | -- | -- | -- | .48 | .063 | .86 | .015 |
| MAR | | | | | | | | | | | | | |
| 08... | -- | -- | 35 | 42 | -- | -- | -- | -- | -- | .64 | .013 | .76 | .013 |
| 18... | -- | -- | 47 | 57 | -- | -- | -- | -- | -- | .64 | .038 | .84 | .008 |
| 30... | -- | -- | 44 | 54 | -- | -- | -- | -- | -- | .56 | .023 | .84 | .006 |
| APR | | | | | | | | | | | | | |
| 13... | -- | -- | 47 | 57 | -- | -- | -- | -- | -- | .64 | .106 | .97 | .013 |
| MAY | | | | | | | | | | | | | |
| 12... | -- | -- | 40 | 49 | -- | -- | -- | -- | -- | .65 | .035 | .72 | .008 |
| 27... | -- | -- | 49 | 60 | -- | -- | -- | -- | -- | .57 | .048 | 1.02 | .010 |
| JUN | | | | | | | | | | | | | |
| 10... | -- | -- | 34 | 42 | -- | -- | -- | -- | -- | .50 | .030 | .83 | .007 |
| 22... | -- | -- | 35 | 43 | -- | -- | -- | -- | -- | .56 | .041 | 1.10 | .010 |
| JUL | | | | | | | | | | | | | |
| 09... | -- | -- | 42 | 52 | -- | -- | -- | -- | -- | .54 | .094 | .56 | .006 |
| 15... | -- | -- | 39 | 47 | -- | -- | -- | -- | -- | .50 | .029 | 1.03 | .007 |
| 20... | -- | 21.9 | 30 | 37 | 11.6 | -- | -- | 19.2 | -- | .64 | .141 | 1.33 | .015 |
| 27... | -- | 21.5 | 31 | 38 | 18.3 | -- | -- | 16.7 | -- | .60 | .025 | .94 | .005 |
| 30... | -- | 40.8 | 60 | 73 | 23.7 | -- | -- | 28.5 | -- | .94 | .080 | 2.77 | .017 |
| | 6.27 | 41.4 | 60 | 73 | 24.3 | .3 | 11.8 | 29.1 | 188 | .93 | .078 | 2.73 | .017 |
| AUG | | | | | | | | | | | | | |
| 03... | -- | 12.4 | 26 | 32 | 10.4 | -- | -- | 10.0 | -- | .62 | .024 | .63 | .006 |
| 06... | -- | -- | 33 | 41 | -- | -- | -- | -- | -- | .58 | .035 | .75 | .006 |
| 15... | -- | 31.1 | 46 | 56 | 21.3 | -- | -- | 26.2 | -- | .82 | .079 | 2.01 | .013 |

CAPE FEAR RIVER BASIN

02096960 HAW RIVER NEAR BYNUM, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

| Date | Ortho-phosphate, water, fltrd, mg/L as P (00671) | Phosphorus, water, unfltrd mg/L (00665) | Organic carbon, water, unfltrd mg/L (00680) | Alumnum, water, fltrd ug/L (01106) | Alumnum, water, unfltrd recoverable, ug/L (01105) | Arsenic water, ug/L (01000) | Arsenic water, fltrd, ug/L (01002) | Cadmium water, fltrd, ug/L (01025) | Cadmium water, unfltrd ug/L (01027) | Chromium water, fltrd, ug/L (01030) | Chromium water, unfltrd recoverable, ug/L (01034) | Cobalt water, unfltrd recoverable, ug/L (01037) | Copper, water, fltrd, ug/L (01040) |
|-------|--|---|---|------------------------------------|---|-----------------------------|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|---|---|------------------------------------|
| OCT | | | | | | | | | | | | | |
| 01... | .062 | .12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07... | .198 | .25 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | .082 | .13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | .069 | .10 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 31... | .152 | .20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV | | | | | | | | | | | | | |
| 12... | .165 | .22 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | .165 | .23 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | .087 | .13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC | | | | | | | | | | | | | |
| 11... | .075 | .28 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 23... | .055 | .12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN | | | | | | | | | | | | | |
| 06... | .084 | .13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | .056 | .11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB | | | | | | | | | | | | | |
| 03... | .048 | .09 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | .059 | .12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR | | | | | | | | | | | | | |
| 08... | .063 | .14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | .065 | .13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | .307 | .37 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR | | | | | | | | | | | | | |
| 13... | .152 | .20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | | |
| 12... | .074 | .13 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 27... | .266 | .33 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUN | | | | | | | | | | | | | |
| 10... | .099 | .16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | .103 | .17 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | | | | |
| 09... | .060 | .11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | .100 | .14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | .102 | .17 | -- | 12 | -- | .5 | -- | .09 | -- | <.8 | -- | -- | 2.3 |
| 27... | .095 | .14 | -- | 13 | -- | .5 | -- | .04 | -- | <.8 | -- | -- | 2.1 |
| 30... | .138 | .28 | -- | 10 | -- | .5 | -- | .24 | -- | E.5 | -- | -- | 3.0 |
| 30... | .138 | .26 | 10.0 | -- | 800 | -- | <2 | -- | .27 | -- | 2.1 | 2.15 | -- |
| AUG | | | | | | | | | | | | | |
| 03... | .060 | .15 | -- | 9 | -- | .3 | -- | E.04 | -- | <.8 | -- | -- | 2.4 |
| 06... | .066 | .14 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | .090 | .21 | -- | 24 | -- | .6 | -- | .34 | -- | <.8 | -- | -- | 3.5 |

02096960 HAW RIVER NEAR BYNUM, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

| Date | Copper, water, unfltrd recover -able, ug/L (01042) | Iron, water, unfltrd recover -able, ug/L (01046) | Lead, water, unfltrd recover -able, ug/L (01045) | Lead, water, unfltrd recover -able, ug/L (01049) | Mangan- ese, water, unfltrd recover -able, ug/L (01051) | Mangan- ese, water, unfltrd recover -able, ug/L (01056) | Mercury water, unfltrd recover -able, ug/L (71890) | Mercury water, unfltrd recover -able, ug/L (71900) | Molyb- denum, water, unfltrd recover -able, ug/L (01062) | Nickel, water, unfltrd recover -able, ug/L (01065) | Nickel, water, unfltrd recover -able, ug/L (01067) | Selen- ium, water, unfltrd ug/L (01147) |
|-------|--|--|--|--|--|--|--|--|---|--|--|--|
| OCT | | | | | | | | | | | | |
| 01... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 07... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 31... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NOV | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 21... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 28... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DEC | | | | | | | | | | | | |
| 11... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 23... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JAN | | | | | | | | | | | | |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FEB | | | | | | | | | | | | |
| 03... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAR | | | | | | | | | | | | |
| 08... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 18... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 30... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| APR | | | | | | | | | | | | |
| 13... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| MAY | | | | | | | | | | | | |
| 12... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 27... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUN | | | | | | | | | | | | |
| 10... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 22... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| JUL | | | | | | | | | | | | |
| 09... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 20... | -- | 79 | -- | .18 | -- | 15.2 | -- | <.02 | -- | -- | 2.09 | -- |
| 27... | -- | 175 | -- | .15 | -- | 56.5 | -- | <.02 | -- | -- | 1.46 | -- |
| 30... | -- | 101 | -- | .20 | -- | 29.4 | -- | <.02 | -- | -- | 2.87 | -- |
| | 5.3 | -- | 1,590 | -- | 2.02 | -- | 235 | -- | <.02 | 6.1 | -- | 3.63 |
| AUG | | | | | | | | | | | | |
| 03... | -- | 141 | -- | .12 | -- | 28.7 | -- | <.02 | -- | -- | 1.12 | -- |
| 06... | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 15... | -- | 181 | -- | .41 | -- | 25.7 | -- | <.02 | -- | -- | 3.19 | -- |

CAPE FEAR RIVER BASIN

02096960 HAW RIVER NEAR BYNUM, NC—Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004—CONTINUED

| Date | Silver, water, unfltrd recover -able, ug/L (01077) | Zinc, water, fltrd, ug/L (01090) | Zinc, water, unfltrd recover -able, ug/L (01092) | Sus- pended sediment concen- tration mg/L (80154) | Sus- pended sediment dis- charge, tons/d (80155) |
|------------|--|--|--|---|--|
| OCT | | | | | |
| 01... | -- | -- | -- | 12 | 22 |
| 07... | -- | -- | -- | 6 | 8.5 |
| 15... | -- | -- | -- | 11 | 19 |
| 20... | -- | -- | -- | 3 | 4.5 |
| 31... | -- | -- | -- | 12 | 31 |
| NOV | | | | | |
| 12... | -- | -- | -- | 6 | 7.8 |
| 21... | -- | -- | -- | 8 | 24 |
| 28... | -- | -- | -- | 4 | 5.4 |
| DEC | | | | | |
| 11... | -- | -- | -- | 77 | 944 |
| 23... | -- | -- | -- | 9 | 28 |
| JAN | | | | | |
| 06... | -- | -- | -- | 5 | 9.7 |
| 20... | -- | -- | -- | 4 | 7.9 |
| FEB | | | | | |
| 03... | -- | -- | -- | 11 | 26 |
| 18... | -- | -- | -- | 12 | 41 |
| MAR | | | | | |
| 08... | -- | -- | -- | 22 | 59 |
| 18... | -- | -- | -- | 15 | 57 |
| 30... | -- | -- | -- | 8 | 13 |
| APR | | | | | |
| 13... | -- | -- | -- | 17 | 91 |
| MAY | | | | | |
| 12... | -- | -- | -- | 35 | 40 |
| 27... | -- | -- | -- | 8 | 6.1 |
| JUN | | | | | |
| 10... | -- | -- | -- | 20 | 42 |
| 22... | -- | -- | -- | 16 | 8.1 |
| JUL | | | | | |
| 09... | -- | -- | -- | 12 | 47 |
| 15... | -- | -- | -- | 9 | 5.0 |
| 20... | -- | 8.8 | -- | 28 | 69 |
| 27... | -- | 3.2 | -- | 8 | 3.0 |
| 30... | -- | 16.5 | -- | 69 | 469 |
| 30... | <.16 | -- | 25 | 67 | 452 |
| AUG | | | | | |
| 03... | -- | 2.9 | -- | 26 | 86 |
| 06... | -- | -- | -- | 15 | 14 |
| 15... | -- | 13.5 | -- | 51 | 303 |

Remark codes used in this table:

< -- Less than

E -- Estimated value