

SOLAR FLARES
Confirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|-----------------|----------|------------|------------------|----------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MC MATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42323 | 01 | 0026 | 0041 | 0031 | N10 | W73 | .963 | 11718 | 26.5 | 15 | --N | | | | | | 2 2 2 3 | |
| MANI | 01 | 0025 | 0043 | 0030 | N09 | W76 | .975 | 11718 | 26.3 | 18 | -N | 2 | 0030 | .41 | 1.00 | | | |
| PALE | 01 | 0026 | 0039 | 0031 | N10 | W70 | .948 | 11718 | 26.8 | 13 | -N | 2 | | .27 | | | F | |
| GRP42324 | 01 | 0121 | 0150 | 0126 | N11 | W74 | .968 | 11718 | 26.5 | 29 | 1N | | | .86 | | | 4 3 3 4 | |
| CULG | 01 | 0120 | 0210 | 0126 | N12 | W72 | .960 | 11718 | 26.7 | 50 | 1N | C | 0126 | .83 | | | FY | |
| MANI | 01 | 0121 | 0143 | 0127 | N10 | W77 | .979 | 11718 | 26.3 | 22 | 1N | 2 | 0127 | 1.03 | 2.50 | | | |
| PALE | 01 | 0122 | 0138 | 0126 | N10 | W72 | .959 | 11718 | 26.7 | 16 | -F | 2 | | .72 | | | F | |
| KODA | 01 | 0157 | 0212 | | N09 | W72 | .958 | 11718 | 26.7 | 15 | -N | P | 0203 | .97 | 1.00 | | D. | |
| GRP42325 | 01 | 0725 | 0739 | 0729 | S08 | E48 | .739 | 11719 | 4.9 | 14 | --F | | | .19 | | | 2 2 2 5 | |
| CATA | 01 | 0725 | 0745 | 0730 | S10 | E48 | .739 | 11719 | 4.9 | 20 | -N | | 0730 | .29 | .43 | 199 | | |
| TEHR | 01 | 0725 | 0733 | 0728 | S06 | E48 | .740 | 11719 | 4.9 | 8 | -F | 2 | | .09 | | | D | |
| GRP42327 | 01 | 0829 | 0854 | 0831 | S18 | W43 | .690 | 11707 | 29.1 | 25 | --N | | | .62 | | | 4 3 3 7 | |
| CATA | 01 | 0810 | 0855 | 0830 | S18 | W42 | .678 | 11707 | 29.2 | 45 | -N | C | 0830 | 1.04 | 1.43 | 166 | | |
| TEHR | 01 | 0815 | 0823 | 0819 | S19 | W41 | .668 | 11707 | 29.3 | 8 | -F | 2 | | .19 | | | F | |
| ATHN | 01 | 0829 | 0902 | 0833 | S19 | W44 | .704 | 11707 | 29.1 | 33 | -N | 2 | | .33 | | | D | |
| CRON | 01 | 0829E | 0846 | 0830 | S18 | W44 | .701 | 11707 | 29.1 | 170 | -F | 3 | 0830 | .50 | | | | |
| GRP42329 | 01 | 0929 | 0940 | 0933 | S13 | E71 | .941 | 11721 | 6.7 | 11 | --F | | | .29 | | | 3 3 3 8 | |
| CRON | 01 | 0928E | 0932 | | S13 | E71 | .941 | 11721 | 6.7 | 40 | -F | 3 | | .45 | | | | |
| CANR | 01 | 0929 | 0942 | 0931 | S12 | E70 | .935 | 11721 | 6.6 | 13 | -N | 3 | 0933 | .25 | .60 | | | |
| ATHN | 01 | 0930 | 0945 | 0935 | S13 | E71 | .941 | 11721 | 6.7 | 15 | -F | 3 | | .17 | | | D | |
| GRP42330 | 01 | 0954 | 1004 | 0957 | N09 | W08 | .292 | 11710 | 31.8 | 10 | --N | | | .53 | | | 3 3 3 8 | |
| ATHN | 01 | 0953 | 1003 | 0957 | N09 | W07 | .285 | 11710 | 31.9 | 10 | -N | 3 | | .33 | | | D | |
| CANR | 01 | 0954 | 1003 | 0956 | N10 | W09 | .315 | 11710 | 31.7 | 9 | -N | 3 | 0956 | .25 | .30 | | | |
| CAPS | 01 | 0955E | 1005D | | N08 | W08 | .278 | 11710 | 31.8 | 100 | -N | 2 | 0956 | 1.00 | 1.10 | 162 | C | |
| GRP42331 | 01 | 1054 | 1120 | 1058 | S14 | W43 | .682 | 11707 | 29.2 | 26 | -N | | | .71 | | | 3 3 3 7 | |
| CANR | 01 | 1048 | 1120 | 1055 | S15 | W45 | .708 | 11707 | 29.1 | 32 | -N | 3 | 1055 | .70 | 1.00 | | | |
| ATHN | 01 | 1055 | 1114 | 1058 | S15 | W41 | .659 | 11707 | 29.4 | 19 | -N | 2 | | .33 | | | D | |
| CATA | 01 | 1100 | 1125 | 1100 | S13 | W43 | .681 | 11707 | 29.2 | 25 | -N | C | 1100 | 1.09 | 1.53 | 204 | | |
| 332 RAMY | 01 | 1607 | 1640 | 1610 | S20 | W47 | .739 | 11707 | 29.1 | 33 | --F | 2 | | .67 | | | D 2 | |
| GRP42333 | 01 | 2124 | 2150 | 2132 | N10 | W85 | .998 | 18690 | 26.5 | 26 | -F | | | .52 | | | 2 2 1 4 | |
| CULG | 01 | 2123 | 2150 | 2129 | N12 | W89 | 1.000 | 18690 | 26.2 | 27 | 1N | C | 2129 | .52 | | | RH | |
| LOCK | 01 | 2125 | 2150 | 2135 | N07 | W81 | .990 | 18690 | 26.8 | 25 | -F | C | | | | | | |
| GRP42334 | 02 | 0823 | 0830 | 0827 | N14 | W86 | .999 | 11718 | 26.9 | 7 | --F | | | .40 | | | 2 2 2 6 | |
| ATHN | 02 | 0823 | 0831D | 0827 | N13 | W86 | .999 | 11718 | 26.9 | 80 | -N | 2 | | .50 | | | D | |
| CRON | 02 | 0825E | 0828 | | N14 | W85 | .998 | 11718 | 27.0 | 30 | -F | 3 | 0825 | .30 | | | | |
| 337 RAMY | 02 | 1552 | 1602D | 1556 | N21 | W25 | .596 | 11709 | 31.8 | 100 | --F | 2 | | .26 | | | D 2 | |
| | 02 | 1602 | 1617 | NO FLARE PATROL | | | | | | | | | | | | | | |
| 338 BOUL | 02 | 1625 | 1709 | 1639 | N11 | W25 | .503 | 11710 | 31.8 | 35 | --F | 3 | | | | | 2 | |
| GRP42339 | 02 | 1744 | 1818 | 1750 | N10 | W27 | .520 | 11710 | 31.7 | 34 | --F | | | .45 | | | 2 2 1 4 | |
| BOUL | 02 | 1743 | 1832 | 1754 | N11 | W26 | .515 | 11710 | 31.8 | 49 | -F | 3 | | | | | | |
| PALE | 02 | 1744 | 1803 | 1746 | N09 | W28 | .526 | 11710 | 31.6 | 19 | -N | 2 | | .45 | | | FS | |
| GRP42340 | 02 | 1935 | 2025 | 1950 | N11 | W31 | .577 | 18702 | 31.5 | 50 | --F | | | .36 | | | 2 2 1 4 | |
| LOCK | 02 | 1935 | 2025 | 1950 | N10 | W30 | .558 | 18702 | 31.6 | 50 | -F | C | | | | | | |
| RAMY | 02 | 1947E | 1959D | 1950 | N11 | W31 | .577 | 18702 | 31.5 | 120 | -F | 2 | | .36 | | | D | |
| 42340 | 02 | 2010 | 2043 | 2012 | N10 | W28 | .533 | 18702 | 31.7 | 33 | --F | | | .91 | | | 3 3 1 3 | |
| LOCK | 02 | 1935 | 2025 | 2010 | N10 | W28 | .533 | 18702 | 31.7 | 50 | -F | C | | | | | K | |
| PALE | 02 | 2005 | 2029 | 2011 | N10 | W27 | .520 | 18702 | 31.8 | 24 | -N | 3 | | .91 | | | | |
| BOUL | 02 | 2015 | 2049 | 2015 | N11 | W27 | .528 | 18702 | 31.8 | 34 | -F | 3 | | | | | | |
| LOCK | 02 | 2040 | 2050 | 2043 | N10 | W30 | .558 | 18702 | 31.6 | 10 | -F | C | | | | | | |
| GRP42341 | 02 | 2105 | 2143 | 2116 | N10 | W28 | .533 | 11710 | 31.8 | 38 | -N | | | 1.23 | | | 5 5 4 5 | |
| LOCK | 02 | 2100 | 2135 | 2113 | N10 | W28 | .533 | 11710 | 31.8 | 35 | -N | | | | | | | |
| BOUL | 02 | 2107 | 2132 | 2113 | N11 | W27 | .528 | 11710 | 31.9 | 25 | -N | 2 | 2113 | .54 | .63 | | | |
| PALE | 02 | 2108 | 2134 | 2113 | N11 | W28 | .540 | 11710 | 31.8 | 26 | -N | 3 | | 1.27 | | | F | |
| CULG | 02 | 2121E | 2209 | | N10 | W30 | .558 | 11710 | 31.6 | 48D | 1N | P | 2121 | 2.06 | 2.40 | | | |
| RAMY | 02 | 2125E | 2129D | 2125 | N10 | W28 | .533 | 11710 | 31.8 | 40 | -F | 1 | | 1.03 | | | F | |
| GRP42342 | 03 | 0114 | 0123 | 0117 | N10 | W31 | .571 | 11710 | 31.7 | 9 | --F | | | .74 | | | 2 2 2 4 | |
| VORO | 03 | 0114 | 0124 | 0118 | N08 | W32 | .572 | 11710 | 31.7 | 10 | -F | C | 0118 | 1.20 | 1.40 | 70 | EJ | |
| PALE | 03 | 0114 | 0122 | 0115 | N11 | W30 | .565 | 11710 | 31.8 | 8 | -F | 2 | | .27 | | | F | |
| GRP42343 | 03 | 0306 | 0318 | 0307 | N10 | W33 | .597 | 11710 | 31.7 | 12 | --F | | | .57 | | | 2 2 2 6 | |
| VORO | 03 | 0306 | 0319 | 0307 | N09 | W33 | .591 | 11710 | 31.7 | 13 | -F | C | 0307 | .93 | 1.10 | 69 | EJ | |
| MANI | 03 | 0307E | 0316 | 0307 | N11 | W32 | .590 | 11710 | 31.7 | 90 | -F | 2 | 0307 | .21 | .26 | | | |

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|-------------|-------------|-------|-------|-----------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42346 | 03 | 1723 | 1735 | 1725 | S13 | W40 | .643 | 11722 | 31.7 | 12 | --F | | | | | | 3 2 2 4 | |
| RAMY | 03 | 1722 | 1740 | 1724 | S12 | W40 | .641 | 11722 | 31.7 | 18 | -F | 2 | C | | | | D | |
| CANR | 03 | 1723 | 1730 | 1725 | S13 | W40 | .643 | 11722 | 31.7 | 7 | -N | 2 | V | 1725 | .20 | .30 | | |
| BOUL | 03 | 1734 | 1806 | 1736 | S12 | W38 | .615 | 11722 | 31.9 | 32 | -F | 1 | V | | | | | |
| 347 CULG | 03 | 2309 | 2353D | 2330 | N09 | W44 | .724 | 11710 | 31.7 | 44D | 1N | | P | 2330 | 1.44 | 2.11 | | 2 |
| GRP42348 | 04 | 0737 | 0745 | 0738 | S12 | W48 | .739 | 11722 | 31.7 | 8 | --F | | | | .15 | | | 2 2 2 5 |
| MANI | 04 | 0736 | 0743 | 0738 | S11 | W48 | .739 | 11722 | 31.7 | 7 | -F | 2 | C | 0738 | .21 | .31 | | |
| TEHR | 04 | 0737 | 0746 | 0737 | S12 | W48 | .739 | 11722 | 31.7 | 9 | -F | 2 | C | | .09 | | | F |
| 350 RAMY | 04 | 1846E | 1909D | 1850 | S01 | W22 | .384 | 11720 | 3.1 | 23D | --F | 2 | C | | .46 | | | D 1 |
| GRP42351 | 04 | 1854 | 1907 | 1859 | S08 | W65 | .902 | 11724 | 30.9 | 13 | -F | | | | 1.03 | | | 2 1 1 2 |
| RAMY | 04 | 1854 | 1907D | 1859 | S08 | W65 | .902 | 11724 | 30.9 | 13D | -F | 2 | C | | 1.03 | | | D |
| BOUL | 04 | 1900 | 1951 | 1910 | S07 | W65 | .903 | 11724 | 30.9 | 51 | 2F | 2 | V | 1910 | 4.50 | 10.00 | | |
| | 04 | 1907 | 1945 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 04 | 1950 | 2120 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 04 | 2140 | 2152 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 04 | 2216 | 2228 | NO FLARE PATROL | | | | | | | | | | | | | | |
| 355 RAMY | 05 | 1837 | 1851 | 1840 | S18 | W13 | .297 | 11725 | 4.8 | 14 | --F | 3 | C | | .28 | | | D 2 |
| | 05 | 1936 | 1950 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2000 | 2004 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2011 | 2042 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2048 | 2055 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2103 | 2108 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2117 | 2122 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2123 | 2130 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2136 | 2140 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2159 | 2201 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 05 | 2206 | 2218 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1620 | 1631 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1640 | 1657 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1711 | 1732 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1738 | 1758 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1803 | 1826 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 06 | 1830 | 1842 | NO FLARE PATROL | | | | | | | | | | | | | | |
| GRP42364 | 07 | 0843 | 0855 | 0845 | S00 | W59 | .859 | 11720 | 2.9 | 12 | --N | | | | .39 | | | 4 4 4 7 |
| ATHN | 07 | 0842 | 0851 | 0845 | S00 | W60 | .868 | 11720 | 2.9 | 9 | -N | 3 | C | | .50 | | | D |
| CAPS | 07 | 0843E | 0853D | | S00 | W58 | .850 | 11720 | 3.0 | 10D | -B | 1 | S | 0844 | .70 | 1.20 | | C |
| CANR | 07 | 0845 | 0900 | | N02 | W57 | .844 | 11720 | 3.1 | 15 | -F | 2 | V | 0845 | .20 | .35 | | |
| ARCE | 07 | 0847E | 0847D | | S01 | W59 | .858 | 11720 | 2.9 | | -F | | P | 0847 | .15 | .30 | | D |
| GRP42368 | 07 | 1729 | 1741 | 1732 | S09 | W37 | .598 | 11719 | 5.0 | 12 | --F | | | | .38 | | | 2 2 2 5 |
| RAMY | 07 | 1728 | 1744 | 1732 | S10 | W39 | .626 | 11719 | 4.8 | 16 | -F | 2 | C | | .36 | | | D |
| CANR | 07 | 1729 | 1737 | | S07 | W35 | .570 | 11719 | 5.1 | 8 | -F | 1 | V | 1732 | .40 | .50 | | |
| GRP42369 | 07 | 2001 | 2013 | 2005 | N10 | E09 | .321 | 11723 | 8.5 | 12 | --N | | | | .52 | | | 4 4 3 5 |
| HUAN | 07 | 1958 | 2015 | 2005 | N11 | E10 | .343 | 11723 | 8.6 | 17 | -N | 2 | C | 2005 | .40 | .43 | | E |
| LOCK | 07 | 2000 | 2012 | 2004 | N10 | E08 | .313 | 11723 | 8.4 | 12 | -N | | | | | | | |
| HUAN | 07 | 2000 | 2005 | 2002 | N08 | E07 | .276 | 11723 | 8.4 | 5 | -F | 2 | C | 2002 | .18 | .18 | | D |
| PALE | 07 | 2001 | 2016 | 2004 | N10 | E10 | .329 | 11723 | 8.6 | 15 | -N | 3 | C | | .55 | | | HS |
| MCHA | 07 | 2002 | 2010 | 2006 | N11 | E09 | .335 | 11723 | 8.5 | 8 | -F | | | | .62 | .70 | | E |
| GRP42370 | 07 | 2352 | 0010 | 0000 | N08 | E83 | .995 | 11732 | 14.2 | 18 | --F | | | | .27 | | | 2 2 1 5 |
| LOCK | 07 | 2352 | 0005 | 2355 | N07 | E81 | .990 | 11732 | 14.1 | 13 | -F | | | | | | | H |
| PALE | 08 | 0005E | 0015 | 0005 | N09 | E85 | .998 | 11732 | 14.4 | 10D | -N | 2 | C | | .27 | | | |

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| OBSERVATORY | OBSERVED UT | | | LOCATION | | | | DURATION | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | |
|-------------|-------------|-------|-------|-----------------|--------------|--------------------|---------------------|----------|--------------|-----------------|--------------|---------|---------------------|---------------------|---------|---------------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | CENTRAL MER. DIST. | MCMATH PLAGE REGION | | | | CMP DAY | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | | MAX. WIDTH Ha |
| | 1972 | | | | | | | | | | | | | | | |
| | FEB | | | | | | | | | | | | | | | |
| GRP42377 | 09 | 0200 | 0208 | 0202 | N22 | E76 | .984 11733 | 14.8 | 8 | --F | | | | | | 2 2 2 5 |
| CRON | 09 | 0159E | 0204 | | N22 | E76 | .984 11733 | 14.8 | 5D | -F | 3 | V | | | | |
| PALE | 09 | 0201 | 0212 | 0202 | N22 | E75 | .981 11733 | 14.7 | 11 | -N | 2 | C | | | | F |
| GRP42381 | 09 | 0811 | 0822 | 0812 | S08 | E53 | .794 11729 | 13.3 | 11 | --N | | | | | | 3 3 3 7 |
| TEHR | 09 | 0811 | 0815 | 0812 | S08 | E53 | .794 11729 | 13.3 | 4 | -N | 3 | C | | | | D |
| ATHN | 09 | 0811 | 0816 | 0812 | S08 | E53 | .794 11729 | 13.3 | 5 | -N | 3 | C | | | | D |
| MANI | 09 | 0812E | 0836 | 0812 | S07 | E52 | .784 11729 | 13.2 | 24D | -N | 2 | | 0812 | .31 | .39 | |
| GRP42382 | 09 | 0820 | 0836 | 0826 | S08 | E52 | .783 11729 | 13.2 | 16 | --N | | | | | | 5 5 4 7 |
| MANI | 09 | 0812E | 0836 | 0825 | S07 | E52 | .784 11729 | 13.2 | 24D | -N | | | | | | |
| ISTA | 09 | 0820 | 0835 | 0825 | S08 | E52 | .783 11729 | 13.2 | 15 | -N | | | | | | D |
| TEHR | 09 | 0823E | 0831 | 0826 | S08 | E53 | .794 11729 | 13.3 | 8D | -N | 3 | C | | | | D |
| ATHN | 09 | 0823 | 0836 | 0825 | S08 | E53 | .794 11729 | 13.3 | 13 | -N | 3 | C | | | | D |
| CATA | 09 | 0825E | 0840 | 0830 | S07 | E52 | .784 11729 | 13.3 | 15D | -B | | | 0830 | .46 | .77 | 214 |
| GRP42386 | 09 | 1525 | 1544 | 1533 | N15 | E65 | .927 11733 | 14.5 | 19 | -N | | | | | | 3 3 3 5 |
| MCMA | 09 | 1523 | 1545 | 1534 | N15 | E66 | .933 11733 | 14.6 | 22 | -N | | C | 1534 | .62 | 1.70 | EH |
| RAMY | 09 | 1527 | 1546 | 1530 | N16 | E64 | .922 11733 | 14.4 | 19 | -F | 2 | C | | | | D |
| HUAN | 09 | 1528E | 1542 | 1536U | N14 | E65 | .925 11733 | 14.5 | 14D | -N | 1 | P | 1536 | .57 | | |
| GRP42387 | 09 | 1549 | 1612 | 1552 | S08 | W04 | .074 11724 | 9.4 | 23 | --F | | | | | | 3 3 3 5 |
| CATA | 09 | 1545E | 1550D | 1550 | S08 | W04 | .074 11724 | 9.4 | 10D | -N | | P | 1550 | 1.04 | 1.05 | 191 |
| CANR | 09 | 1551 | 1603 | 1551 | S09 | W04 | .081 11724 | 9.4 | 12 | -F | 1 | V | 1551 | .30 | .30 | |
| RAMY | 09 | 1551 | 1620 | 1554 | S08 | W05 | .090 11724 | 9.3 | 29 | -F | 2 | C | | | | D |
| GRP42389 | 09 | 1650 | 1656 | 1651 | N07 | E61 | .886 11732 | 14.3 | 6 | --N | | | | | | 3 3 3 5 |
| MCMA | 09 | 1650 | 1655 | 1651 | N08 | E62 | .895 11732 | 14.4 | 5 | -N | | C | 1651 | .31 | .60 | D |
| RAMY | 09 | 1650 | 1658 | 1651 | N08 | E61 | .887 11732 | 14.3 | 8 | -F | 2 | C | | | | D |
| HUAN | 09 | 1651 | 1654 | 1652 | N06 | E59 | .868 11732 | 14.1 | 3 | -N | 2 | C | 1652 | .35 | .69 | D |
| GRP42391 | 09 | 2009 | 2019 | 2012 | S09 | E46 | .715 11729 | 13.3 | 10 | --F | | | | | | 2 2 2 5 |
| BOUL | 09 | 2009 | 2018 | 2011 | S09 | E46 | .715 11729 | 13.3 | 9 | -F | 3 | V | 2011 | .25 | .30 | |
| PALE | 09 | 2009E | 2019D | 2012 | S08 | E46 | .715 11729 | 13.3 | 10D | -F | 1 | C | | | | F |
| 393 LOCK | 09 | 2155 | 2208 | 2159 | S19 | E84 | .991 11734 | 16.2 | 13 | --F | | | | | | 3 |
| | 09 | 2247 | 2300 | NO FLARE PATROL | | | | | | | | | | | | |
| GRP42397 | 10 | 0911 | 0931 | 0914 | S19 | W74 | .955 11725 | 4.8 | 20 | --F | | | | | | 4 4 3 7 |
| HTPR | 10 | 0910 | 0935 | 0912 | S18 | W75 | .960 11725 | 4.8 | 25 | -F | | C | 0912 | .23 | | D |
| TEHR | 10 | 0911 | 0931 | 0915 | S21 | W74 | .955 11725 | 4.8 | 20 | -N | 2 | C | | .21 | | D |
| CRON | 10 | 0917E | 0928 | | S19 | W76 | .964 11725 | 4.7 | 11D | -F | 3 | V | | .19 | | |
| CAPS | 10 | 0919E | 0927D | | S18 | W70 | .934 11725 | 5.1 | 8D | -N | 1 | S | | .30 | | |
| GRP42398 | 10 | 1149 | 1216 | 1200 | S16 | E85 | .993 11734 | 16.9 | 27 | -N | | | | 1.53 | | 4 4 2 5 |
| CANR | 10 | 1145 | 1215 | 1155 | S17 | E89 | .999 11734 | 17.2 | 30 | 1N | 2 | V | 1158 | 1.50 | 4.50 | |
| HTPR | 10 | 1146 | 1218 | 1200 | S17 | E85 | .993 11734 | 16.9 | 32 | -F | | C | | | | A |
| RAMY | 10 | 1155 | 1215 | 1200 | S16 | E85 | .993 11734 | 16.9 | 20 | -N | 3 | C | | | | F |
| ATHN | 10 | 1203E | 1209D | 1203 | S15 | E80 | .981 11734 | 16.5 | 6D | 1N | 1 | C | | 1.55 | | F |
| GRP42399 | 10 | 1346 | 1421 | 1356 | S08 | W17 | .291 11724 | 9.3 | 35 | --F | | | | 1.28 | | 5 5 5 5 |
| MCMA | 10 | 1345 | 1425 | 1358 | S09 | W17 | .293 11724 | 9.3 | 40 | -N | | C | 1358 | 1.55 | 1.60 | EH |
| RAMY | 10 | 1347 | 1422 | 1354 | S09 | W18 | .309 11724 | 9.2 | 35 | -F | 3 | C | | 1.44 | | D |
| CANR | 10 | 1347 | 1408 | 1356 | S09 | W17 | .293 11724 | 9.3 | 21 | -F | 2 | C | 1356 | 1.08 | 1.08 | |
| ARCE | 10 | 1352E | 1430D | | S08 | W17 | .291 11724 | 9.3 | 38D | -N | | C | 1356 | 1.30 | 1.40 | FH |
| HTPR | 10 | 1355E | 1420 | | S07 | W18 | .307 11724 | 9.2 | 25D | -F | | C | 1355 | 1.03 | 1.10 | |
| GRP42401 | 10 | 1615 | 1623 | 1617 | N19 | E54 | .857 11733 | 14.7 | 8 | --F | | | | .37 | | 3 3 2 3 |
| HTPR | 10 | 1615 | 1623 | 1617 | N18 | E55 | .862 11733 | 14.8 | 8 | -F | | C | 1617 | .31 | .60 | |
| LOCK | 10 | 1615 | 1625 | 1617 | N19 | E54 | .857 11733 | 14.7 | 10 | -F | | C | | | | |
| CANR | 10 | 1615 | 1620 | 1618 | N20 | E54 | .860 11733 | 14.7 | 5 | -N | 2 | C | 1618 | .43 | .84 | |
| GRP42402 | 10 | 1615 | 1623 | 1618 | S21 | E82 | .985 11734 | 16.8 | 8 | --F | | | | .22 | | 2 2 1 3 |
| LOCK | 10 | 1615 | 1625 | 1617 | S22 | E84 | .990 11734 | 17.0 | 10 | -F | | C | | | | |
| CANR | 10 | 1615 | 1621 | 1618 | S20 | E80 | .980 11734 | 16.7 | 6 | -N | 2 | C | 1618 | .22 | | |
| 403 LOCK | 10 | 1640 | 1715 | 1650 | N22 | E53 | .859 11733 | 14.7 | 35 | -N | | | | | | 2 |
| 404 LOCK | 10 | 1840 | 1900 | 1850 | N18 | E53 | .846 11733 | 14.8 | 20 | --F | | | | | | 3 |
| GRP42405 | 10 | 2011 | 2028 | 2014 | S09 | W21 | .357 11724 | 9.3 | 17 | --F | | | | .44 | | 2 2 2 4 |
| BOUL | 10 | 2011 | 2029 | 2012 | S09 | W20 | .341 11724 | 9.3 | 18 | -F | 2 | C | 2012 | .43 | .46 | |
| PALE | 10 | 2015E | 2026 | 2016 | S08 | W21 | .356 11724 | 9.3 | 11D | -F | 3 | C | | .45 | | F |

SOLAR FLARES

Confirmed

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| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS |
|---|-------------|-------|-------|------------|--------------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | |
| 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42407 | 10 | 2019 | 2049 | 2029 | S19 | E84 | .991 | 11734 | 17.1 | 30 | -N | | | .55 | | | 4 4 2 4 |
| LOCK | 10 | 2015 | 2100 | 2030 | S19 | E84 | .991 | 11734 | 17.1 | 45 | 1N | C | | | | | |
| BOUL | 10 | 2019 | 2045 | 2027 | S21 | E84 | .990 | 11734 | 17.1 | 26 | 1N | 2 C | 2027 | .54 | | | |
| MCMA | 10 | 2019 | 2025D | | S15 | E85 | .994 | 11734 | 17.2 | 6D | -F | P | 2024 | | | | E |
| PALE | 10 | 2022 | 2042 | 2029 | S19 | E82 | .986 | 11734 | 17.0 | 20 | -N | 3 C | | .55 | | | F |
| 4 STATIONS REPORTING GROUP 42408. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | |
| GRP42408 | 10 | 2321 | 2330 | 2330 | S16 | E80 | .980 | 11734 | 17.0 | 9 | 1N | | | 1.42 | | | 3 3 3 3 |
| PALE | 10 | 2311 | 0036 | 2337 | S18 | E80 | .980 | 11734 | 17.0 | 85 | 1N | 3 C | | 1.63 | | | |
| MANI | 10 | 2323E | 2330 | 2330 | S15 | E77 | .969 | 11734 | 16.7 | 7D | 1N | 2 | 2330 | 1.24 | 3.00 | | |
| VORO | 10 | 2330 | 0304 | | S16 | E82 | .986 | 11734 | 17.1 | 214 | 2N | C | 2339 | 1.38 | 5.50 | 92 | EFJ |
| 42408 | 10 | 2313 | 0036 | 2319 | S18 | E79 | .976 | 11734 | 16.9 | 83 | *-F | | | .64 | | | 2 2 1 3 |
| PALE | 10 | 2311 | 0036 | 2319 | S18 | E80 | .980 | 11734 | 17.0 | 85 | -F | 3 C | | .64 | | | FS |
| BOUL | 10 | 2315 | 2315D | | S17 | E78 | .973 | 11734 | 16.8 | | -F | 2 V | | | | | |
| GRP42409 | 11 | 0057 | 0144 | 0112 | S14 | E77 | .970 | 11734 | 16.8 | 47 | -F | | | 1.35 | | | 3 2 2 4 |
| CRON | 11 | 0056E | 0146 | 0057 | S15 | E82 | .987 | 11734 | 17.2 | 50D | -F | 3 V | 0057 | .55 | | | |
| PALE | 11 | 0057 | 0128 | 0112 | S14 | E75 | .961 | 11734 | 16.7 | 31 | -F | 2 C | | .63 | | | F |
| MANI | 11 | 0111E | 0159 | 0111 | S14 | E78 | .974 | 11734 | 16.9 | 48D | 1N | 2 | 0111 | 2.06 | 5.20 | | |
| GRP42411 | 11 | 0932 | 1007 | 0937 | S18 | E75 | .960 | 11734 | 17.0 | 35 | -N | | | .81 | | | 4 4 4 5 |
| CRON | 11 | 0930 | 0951 | 0933 | S16 | E75 | .960 | 11734 | 17.0 | 21 | -F | 3 V | 0933 | .65 | | | |
| TEHR | 11 | 0932 | 1016 | 0934 | S18 | E74 | .955 | 11734 | 16.9 | 44 | -N | 3 C | | .45 | | | FH |
| CATA | 11 | 0935 | 1015 | 0935 | S18 | E76 | .964 | 11734 | 17.1 | 40 | 1B | C | 0935 | 1.62 | | 229 | |
| ATHN | 11 | 0945E | 0946D | 0945 | S18 | E74 | .955 | 11734 | 17.0 | 1D | -N | 2 C | | .50 | | | D |
| GRP42416 | 11 | 1250 | 1308 | 1257 | S08 | W88 | .999 | 11719 | 4.9 | 18 | --F | | | .20 | | | 2 2 2 6 |
| HUAN | 11 | 1248 | 1308 | | S08 | W88 | .999 | 11719 | 4.9 | 20 | -F | 1 P | 1254 | .21 | | | |
| TEHR | 11 | 1252 | 1308 | 1257 | S08 | W88 | .999 | 11719 | 4.9 | 16 | -N | 2 C | | .19 | | | F |
| GRP42418 | 11 | 1724 | 1739 | 1727 | N07 | E34 | .596 | 11732 | 14.3 | 15 | --N | | | .61 | | | 6 6 5 7 |
| LOCK | 11 | 1722 | 1745 | 1728 | N07 | E33 | .583 | 11732 | 14.2 | 23 | -N | C | | | | | |
| RAMY | 11 | 1724 | 1735 | 1727 | N07 | E34 | .596 | 11732 | 14.3 | 11 | -N | 2 C | | 1.11 | | | D |
| BOUL | 11 | 1725 | 1738 | 1727 | N07 | E34 | .596 | 11732 | 14.3 | 13 | -N | 2 C | 1727 | .43 | .54 | | |
| MCMA | 11 | 1725 | 1740 | 1727 | N07 | E35 | .609 | 11732 | 14.4 | 15 | -N | C | 1727 | .62 | .80 | | E |
| CANR | 11 | 1726 | 1737 | 1727 | N07 | E33 | .583 | 11732 | 14.2 | 11 | -B | 2 V | 1727 | .30 | .30 | | |
| HUAN | 11 | 1729E | 1737 | | N07 | E35 | .609 | 11732 | 14.4 | 8D | -N | 1 P | 1729 | .57 | .71 | | CE |
| GRP42419 | 11 | 1830 | 1900 | 1840 | N20 | E39 | .728 | 11733 | 14.7 | 30 | --F | | | .27 | | | 2 1 1 6 |
| LOCK | 11 | 1830 | 1900 | 1840 | N20 | E39 | .728 | 11733 | 14.7 | 30 | -F | C | | | | | |
| PALE | 11 | 1847 | 1912 | 1858 | N18 | E41 | .736 | 11733 | 14.9 | 25 | -F | 2 C | | .27 | | | F |
| GRP42422 | 11 | 2001 | 2031 | 2016 | S14 | E69 | .928 | 11734 | 17.0 | 30 | -F | | | .90 | | | 4 4 3 5 |
| PALE | 11 | 1956 | 2009D | 2009 | S14 | E69 | .928 | 11734 | 17.0 | 13D | -F | 2 C | | .27 | | | |
| LOCK | 11 | 2004 | 2030 | 2015 | S14 | E69 | .928 | 11734 | 17.0 | 26 | -F | C | | | | | |
| HUAN | 11 | 2004 | 2028 | 2020 | S12 | E69 | .928 | 11734 | 17.0 | 24 | -N | 1 C | 2020 | .62 | | | E |
| BOUL | 11 | 2019 | 2035 | 2020 | S14 | E68 | .921 | 11734 | 16.9 | 16 | 1N | 3 V | 2020 | 1.80 | 4.00 | | |
| GRP42426 | 11 | 2332 | 0055 | 2336 | S22 | E73 | .950 | 11734 | 17.5 | 83 | -F | | | .47 | | | 2 2 2 6 |
| CRON | 11 | 2332E | 0055 | 2337 | S26 | E80 | .979 | 11734 | 18.0 | 83D | -N | 3 V | 2337 | .35 | | | |
| CRON | 11 | 2332E | 0055 | 2355 | S22 | E79 | .976 | 11734 | 17.9 | 83D | -N | 3 V | 2355 | .60 | | | |
| CRON | 11 | 2332E | 0055 | 2332 | S20 | E78 | .972 | 11734 | 17.8 | 83D | 1N | 2 V | 2332 | .75 | | | |
| CRON | 11 | 2332E | 0055 | 2332D | S20 | E78 | .972 | 11734 | 17.8 | 83D | 1N | 2 V | 2332 | .75 | | | |
| PALE | 11 | 2337E | 2342 | 2340 | S22 | E67 | .915 | 11734 | 17.0 | 5D | -F | 2 C | | .19 | | | |
| GRP42428 | 12 | 0238 | 0247 | 0240 | S21 | E66 | .908 | 11734 | 17.1 | 9 | -F | | | .75 | | | 2 2 2 5 |
| MITK | 12 | 0238 | 0247 | 0240 | S22 | E65 | .902 | 11734 | 17.0 | 9 | 1N | C | 0240 | 1.13 | 2.60 | | D |
| PALE | 12 | 0238E | 0246 | 0240 | S20 | E67 | .915 | 11734 | 17.1 | 8D | -F | 2 C | | .36 | | | F |
| GRP42429 | 12 | 0812 | 0829 | 0817 | S18 | E63 | .885 | 11734 | 17.1 | 17 | -N | | | .50 | | | 6 6 5 7 |
| CRON | 12 | 0810 | 0825 | 0815 | S20 | E63 | .886 | 11734 | 17.1 | 15 | -F | 3 V | 0815 | .60 | | | |
| MANI | 12 | 0812E | 0828 | 0817 | S19 | E57 | .836 | 11734 | 16.6 | 16D | -F | 2 V | 0817 | .41 | .71 | | |
| TEHR | 12 | 0812 | 0832 | 0814 | S16 | E63 | .885 | 11734 | 17.1 | 20 | -N | 2 C | | .28 | | | F |
| HTRP | 12 | 0813 | 0815D | | S17 | E65 | .900 | 11734 | 17.2 | 2D | -F | C | | | | | |
| CATA | 12 | 0820E | 0830 | 0820 | S17 | E64 | .893 | 11734 | 17.1 | 10D | -B | P | 0820 | .87 | 1.98 | 224 | |
| ATHN | 12 | 0820E | 0830 | 0821 | S17 | E65 | .900 | 11734 | 17.2 | 10D | -N | 3 C | | .33 | | | D |
| GRP42430 | 12 | 0835 | 0850 | 0838 | S20 | E60 | .862 | 11734 | 16.9 | 15 | --F | | | .41 | | | 3 3 3 6 |
| ATHN | 12 | 0835 | 0843D | 0837 | S20 | E60 | .862 | 11734 | 16.9 | 8D | -N | 3 C | | .33 | | | F |
| MANI | 12 | 0836E | 0850 | 0839 | S19 | E57 | .836 | 11734 | 16.6 | 14D | -F | 2 | 0839 | .41 | .71 | | |
| CRON | 12 | 0840E | 0850 | | S20 | E63 | .886 | 11734 | 17.1 | 10D | -F | 3 V | | .50 | | | |
| GRP42431 | 12 | 0852 | 0906 | 0853 | S18 | E54 | .807 | 11734 | 16.4 | 14 | -N | | | .77 | | | 5 5 5 6 |
| MANI | 12 | 0850E | 0910 | 0852 | S17 | E50 | .765 | 11734 | 16.1 | 20D | -N | 2 | 0852 | .83 | 1.27 | | |
| ABST | 12 | 0850E | 0855D | 0851 | S18 | E55 | .816 | 11734 | 16.5 | 5D | 1F | P | 0851 | 1.62 | 2.80 | | EZ |
| TEHR | 12 | 0851 | 0906 | 0854 | S17 | E54 | .806 | 11734 | 16.4 | 15 | -N | 3 C | | .19 | | | F |
| CRON | 12 | 0852 | 0902 | | S19 | E57 | .836 | 11734 | 16.6 | 10 | -N | 2 V | | .60 | | | |
| CATA | 12 | 0855 | 0905 | 0855 | S17 | E54 | .806 | 11734 | 16.4 | 10 | -N | C | 0855 | .63 | 1.12 | 178 | |

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| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|---|-------------|-------|------|-----------------|----------|------------|------------------|---------------------|---------|------------------|--------------|-----------------|--------------|---------------------|---------------------|---------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42432 | 12 | 1231 | 1318 | 1239 | S20 | E60 | .862 | 11734 | 17.0 | 47 | --F | | | | | | 3 1 1 4 | |
| RAMY | 12 | 1231 | 1318 | 1245 | S20 | E60 | .862 | 11734 | 17.0 | 47 | -F | 2 | C | | .28 | | DS | |
| TEHR | 12 | 1232 | 1242 | 1233 | S18 | E60 | .861 | 11734 | 17.0 | 10 | -F | 2 | C | | .19 | | F | |
| HUAN | 12 | 1244 | 1340 | | S20 | E61 | .870 | 11734 | 17.1 | 56 | -F | 1 | P | 1310 | .31 | .59 | D | |
| | 12 | 1349 | 1355 | NO FLARE PATROL | | | | | | | | | | | | | | |
| GRP42433 | 12 | 1402 | 1503 | 1419 | S20 | E56 | .827 | 11734 | 16.8 | 61 | 1B | | | | 2.21 | | 2 2 2 3 | |
| RAMY | 12 | 1402E | 1418 | 1403 | S15 | E50 | .763 | 11734 | 16.3 | 160 | -N | 3 | C | | .72 | | D | |
| CATA | 12 | 1415E | 1420 | 1415 | S21 | E58 | .846 | 11734 | 16.9 | 50 | 1B | | P | 1415 | 1.62 | 3.06 | 209 | |
| RAMY | 12 | 1416 | 1503 | 1423 | S21 | E58 | .846 | 11734 | 16.9 | 47 | 1N | 2 | C | | 2.79 | | F | |
| 42433 | 12 | 1406 | 1525 | 1425 | S18 | E54 | .807 | 11734 | 16.6 | 79 | *-N | | | | .93 | | 4 2 2 5 | |
| HUAN | 12 | 1348 | 1357 | | S20 | E60 | .862 | 11734 | 17.1 | 90 | -N | 1 | P | 1356 | .46 | .88 | B | |
| HTPR | 12 | 1356E | 1520 | 1435 | S18 | E55 | .816 | 11734 | 16.7 | 840 | -N | | C | 1435 | .93 | 1.80 | U | |
| CATA | 12 | 1415E | 1420 | 1415 | S16 | E49 | .753 | 11734 | 16.3 | 50 | -N | | P | 1415 | .93 | 1.41 | 197 | |
| CANR | 12 | 1442 | 1501 | | S15 | E50 | .763 | 11734 | 16.4 | 19 | 1N | 1 | V | 1442 | 2.10 | 3.30 | | |
| CATA | 12 | 1500E | 1525 | 1505 | S20 | E57 | .836 | 11734 | 16.9 | 250 | -B | | P | 1505 | .75 | 1.38 | 240 | |
| 434 HUAN | 12 | 2043 | 2055 | 2045 | N26 | E53 | .874 | 11741 | 16.8 | 12 | --F | 1 | C | 2055 | .26 | .52 | 3 | |
| GRP42435 | 13 | 0309 | 0318 | 0313 | S15 | E49 | .752 | 11734 | 16.8 | 9 | --F | | | | .88 | | 2 2 2 5 | |
| MANI | 13 | 0308 | 0318 | 0313 | S13 | E50 | .761 | 11734 | 16.9 | 10 | -N | 2 | | 0313 | 1.13 | 1.75 | | |
| PALE | 13 | 0309 | 0317 | 0313 | S16 | E48 | .741 | 11734 | 16.7 | 8 | -F | 2 | C | | .63 | | F | |
| 8 STATIONS REPORTING GROUP 42436. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42436 | 13 | 0828 | 0903 | 0832 | S18 | E47 | .733 | 11734 | 16.9 | 35 | 1B | | | | 5.63 | | 6 6 6 6 | |
| MANI | 13 | 0815 | 0902 | 0830 | S16 | E48 | .741 | 11734 | 16.9 | 47 | 2B | 2 | | 0830 | 7.94 | 11.86 | | |
| CRON | 13 | 0818E | 0827 | 0821 | S17 | E48 | .743 | 11734 | 16.9 | 90 | -F | 3 | V | 0821 | .40 | | | |
| TEHR | 13 | 0826 | 0909 | 0832 | S20 | E48 | .747 | 11734 | 17.0 | 43 | 1B | 3 | C | | 3.37 | | UH | |
| ATHN | 13 | 0827 | 0900 | 0833 | S18 | E46 | .722 | 11734 | 16.8 | 33 | 1B | 3 | C | | 3.96 | | ZU | |
| CRON | 13 | 0828 | 0858 | 0832 | S20 | E48 | .747 | 11734 | 17.0 | 30 | 1B | 2 | C | 0832 | 3.23 | 4.90 | | |
| HTPR | 13 | 0829 | 0901 | 0831 | S18 | E48 | .744 | 11734 | 17.0 | 320 | 1B | | C | 0831 | 2.89 | 4.20 | CU | |
| ZURI | 13 | 0829 | 0906 | 0832 | S18 | E45 | .710 | 11734 | 16.7 | 37 | 3B | | C | 0832 | 12.40 | 18.20 | | |
| 42436 | 13 | 0855 | 0911 | 0855 | S20 | E47 | .736 | 11734 | 16.9 | 16 | *-N | | | | 1.28 | | 2 2 2 8 | |
| CATA | 13 | 0855E | 0910 | 0855 | S20 | E47 | .736 | 11734 | 16.9 | 150 | -B | | P | 0855 | 1.04 | 1.56 | 232 | |
| ARCE | 13 | 0857E | 0911 | | S20 | E47 | .736 | 11734 | 16.9 | 140 | 1F | | C | 0857 | 1.52 | 2.20 | I | |
| GRP42437 | 13 | 0911 | 0930 | 0920 | S19 | E48 | .746 | 11734 | 17.0 | 19 | -N | | | | 1.15 | | 6 6 6 7 | |
| ATHN | 13 | 0908 | 0931 | 0912 | S19 | E48 | .746 | 11734 | 17.0 | 23 | -N | 3 | C | | 1.49 | | D | |
| ATHN | 13 | 0908 | 0931 | 0921 | S19 | E48 | .746 | 11734 | 17.0 | 23 | -N | 3 | C | | 1.32 | | | |
| ARCE | 13 | 0909 | 0932 | 0921 | S19 | E49 | .756 | 11734 | 17.1 | 23 | 1F | | C | 0921 | 1.36 | 2.10 | F | |
| CRON | 13 | 0914 | 0931 | 0922 | S19 | E48 | .746 | 11734 | 17.0 | 17 | -N | 2 | C | 0922 | .54 | .98 | | |
| ZURI | 13 | 0914 | 0922 | 0920 | S18 | E46 | .722 | 11734 | 16.8 | 80 | 1B | | P | 0920 | 1.89 | 2.80 | | |
| CATA | 13 | 0920E | 0930 | 0920 | S19 | E49 | .756 | 11734 | 17.1 | 100 | -B | | P | 0920 | 1.16 | 1.80 | 263 | |
| TEHR | 13 | 0924E | 0925 | 0924 | S18 | E50 | .766 | 11734 | 17.1 | 10 | -N | 2 | C | | .45 | | FH | |
| 6 STATIONS REPORTING GROUP 42439. 2 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42439 | 13 | 0934 | 1008 | 0943 | S19 | E49 | .756 | 11734 | 17.1 | 34 | 1N | | | | 2.34 | | 6 6 5 8 | |
| ZURI | 13 | 0930 | 1006 | 0940 | S18 | E46 | .722 | 11734 | 16.8 | 36 | 1B | | P | 0940 | 3.16 | 4.70 | | |
| ARCE | 13 | 0935 | 1005 | 0948 | S18 | E50 | .766 | 11734 | 17.1 | 300 | 2F | | C | 0948 | 4.42 | 6.90 | KF | |
| ATHN | 13 | 0936 | 0939 | 0938 | S22 | E45 | .719 | 11734 | 16.8 | 30 | -N | 3 | C | | .66 | | D | |
| TEHR | 13 | 0936 | 1010 | 0950 | S22 | E45 | .719 | 11734 | 16.8 | 34 | -N | 3 | C | | .73 | | | |
| TEHR | 13 | 0936 | 1010 | 0941 | S22 | E45 | .719 | 11734 | 16.8 | 34 | -N | 3 | C | | .63 | | F | |
| TEHR | 13 | 0936 | 1000 | 0944 | S14 | E55 | .814 | 11734 | 17.5 | 24 | -N | 2 | C | | .55 | | F | |
| CATA | 13 | 0940E | 1020 | 0940 | S22 | E47 | .741 | 11734 | 16.9 | 400 | 1B | | P | 0940 | 1.73 | 2.60 | 263 | |
| CATA | 13 | 0940E | 1040 | 0940 | S16 | E53 | .795 | 11734 | 17.4 | 600 | -B | | P | 0940 | .98 | 1.68 | 212 | |
| HTPR | 13 | 0945E | 0953 | | S18 | E48 | .744 | 11734 | 17.0 | 80 | -F | | C | | | | B | |
| ZURI | 13 | 1030 | 1108 | 1038 | S14 | E51 | .773 | 11734 | 17.3 | 38 | 1N | | C | 1038 | 2.52 | 4.10 | | |
| 42439 | 13 | 0944 | 1020 | 0946 | S17 | E39 | .635 | 11734 | 16.3 | 36 | *-F | | | | .47 | | 2 2 2 7 | |
| TEHR | 13 | 0943 | 1012 | 0947 | S19 | E39 | .641 | 11734 | 16.3 | 29 | -F | 2 | C | | .36 | | F | |
| CATA | 13 | 0945 | 1020 | 0945 | S15 | E38 | .618 | 11734 | 16.3 | 35 | -N | | C | 0945 | .58 | .74 | 193 | |
| 441 TEHR | 13 | 1113E | 1119 | 1113 | S09 | W03 | .065 | 11729 | 13.2 | 60 | --F | 2 | C | | .19 | | F | |
| 446 HUAN | 13 | 1640 | 1649 | 1644 | S15 | E38 | .618 | 11734 | 16.5 | 9 | --F | 2 | C | 1644 | .15 | .20 | D | |
| 447 HUAN | 13 | 1655 | 1659 | 1657 | S16 | E44 | .695 | 11734 | 17.0 | 4 | --F | 2 | C | 1657 | .23 | .31 | E | |
| 448 HUAN | 13 | 1707 | 1722 | 1713 | S16 | E38 | .620 | 11734 | 16.6 | 15 | --F | 2 | C | 1713 | .18 | .22 | D | |
| GRP42452 | 13 | 2044 | 2055 | 2046 | S15 | E37 | .605 | 11734 | 16.6 | 11 | --F | | | | .37 | | 2 2 2 3 | |
| PALE | 13 | 2044 | 2052 | 2047 | S15 | E36 | .591 | 11734 | 16.6 | 8 | -N | 3 | C | | .27 | | F | |
| RAMY | 13 | 2045E | 2057 | 2045 | S15 | E38 | .618 | 11734 | 16.7 | 120 | -F | 2 | C | | .46 | | D | |

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| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|---|-------------|-------|-------|------------|--------------|------------|------------------|---------------------|---------|---------------|--------------|-----------------|--------------|---------------------|---------------------|---------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hg | MAX. INT. % | |
| 1972 FEB | | | | | | | | | | | | | | | | | | |
| GRP42471 | 14 | 2321 | 2345 | 2329 | S13 | E22 | .383 | 11734 | 16.6 | 24 | --F | | | | | | 2 2 2 3 | |
| PALE | 14 | 2317 | 2345 | 2328 | S12 | E23 | .395 | 11734 | 16.7 | 28 | -N | 3 | C | | .97 | | | |
| VORO | 14 | 2325 | 2344 | 2330 | S14 | E21 | .372 | 11734 | 16.6 | 19 | -F | | C | 2330 | 1.66 | 1.80 | 100 | EJ |
| GRP42472 | 15 | 0000 | 0009 | 0004 | S05 | E62 | .880 | 11743 | 19.7 | 9 | -N | | | | .54 | | | 4 3 3 5 |
| MANI | 14 | 2355E | 0007 | 0005 | S05 | E62 | .880 | 11743 | 19.6 | 120 | -N | 2 | | 0005 | .62 | 1.20 | | |
| PALE | 15 | 0002E | 0008 | 0004 | S05 | E62 | .880 | 11743 | 19.7 | 6D | -N | 1 | C | | .27 | | | |
| VORO | 15 | 0003 | 0011 | 0004 | S04 | E63 | .889 | 11743 | 19.7 | 8 | -F | | C | 0004 | .74 | 1.50 | 96 | DJ |
| CRON | 15 | 0003E | 0013 | 0005 | S11 | E75 | .961 | 11743 | 20.6 | 10D | -F | 3 | V | 0005 | .50 | | | |
| GRP42473 | 15 | 0218 | 0240 | 0224 | S15 | E20 | .362 | 11734 | 16.6 | 22 | --F | | | | .57 | | | 4 4 4 6 |
| MITK | 15 | 0217 | 0250 | 0222 | S14 | E21 | .372 | 11734 | 16.7 | 33 | -N | | C | 0222 | .62 | .70 | | D |
| PALE | 15 | 0219 | 0243 | 0223 | S14 | E22 | .387 | 11734 | 16.7 | 24 | -F | 1 | C | | .63 | | | F |
| MANI | 15 | 0219E | 0241 | 0230 | S17 | E18 | .347 | 11734 | 16.4 | 22D | -F | 2 | | 0230 | .62 | .66 | | |
| CRON | 15 | 0220E | 0225 | 0221 | S16 | E20 | .368 | 11734 | 16.6 | 5D | -F | 3 | V | 0221 | .40 | | | |
| GRP42474 | 15 | 0231 | 0258 | 0251 | S15 | E16 | .304 | 11734 | 16.3 | 27 | --N | | | | 1.22 | | | 4 4 4 6 |
| KODA | 15 | 0229 | 0301 | 0252 | S16 | E15 | .298 | 11734 | 16.2 | 32 | 1B | | P | 0229 | 3.39 | 3.40 | 3.12 | U |
| MANI | 15 | 0232 | 0258 | 0251 | S14 | E16 | .297 | 11734 | 16.3 | 26 | -N | 2 | | 0251 | .83 | .86 | | |
| PALE | 15 | 0247 | 0255 | 0248 | S14 | E17 | .312 | 11734 | 16.4 | 8 | -N | 1 | C | | .36 | | | F |
| CRON | 15 | 0250E | 0259 | 0254 | S16 | E17 | .326 | 11734 | 16.4 | 9D | -N | 3 | V | 0254 | .30 | | | |
| GRP42475 | 15 | 0320 | 0342 | 0336 | S20 | E23 | .437 | 11734 | 16.9 | 22 | -N | | | | 1.18 | | | 5 4 3 8 |
| MITK | 15 | 0320 | 0330 | 0323 | S20 | E24 | .450 | 11734 | 16.9 | 10 | 1N | | C | 0323 | 2.48 | 2.80 | | E |
| PALE | 15 | 0322 | 0346 | 0334 | S19 | E23 | .430 | 11734 | 16.9 | 24 | -N | 1 | C | | 1.44 | | | H |
| MANI | 15 | 0322E | 0342 | 0338 | S20 | E22 | .424 | 11734 | 16.8 | 20D | -N | 2 | | 0338 | 1.34 | 1.47 | | |
| CRON | 15 | 0332 | 0340 | 0335 | S21 | E22 | .432 | 11734 | 16.8 | 8 | -N | 3 | V | 0335 | .75 | | | |
| TEHR | 15 | 0333E | 0339 | U | S18 | E24 | .437 | 11734 | 16.9 | 6D | -N | 1 | C | | | | | D |
| GRP42476 | 15 | 0323 | 0343 | 0327 | N18 | W06 | .431 | 11733 | 14.7 | 20 | -N | | | | 1.48 | | | 5 5 5 7 |
| CULG | 15 | 0322 | 0358 | 0325 | N18 | W06 | .431 | 11733 | 14.7 | 36 | 1B | | C | 0325 | 2.48 | 2.64 | | V |
| MITK | 15 | 0322 | 0340 | 0325 | N19 | W04 | .440 | 11733 | 14.8 | 18 | -B | | C | 0325 | 1.75 | 2.00 | | E |
| MANI | 15 | 0322E | 0342 | 0334 | N19 | W08 | .454 | 11733 | 14.5 | 20D | -N | 2 | | 0334 | .72 | .82 | | |
| CRON | 15 | 0323 | 0332 | 0326 | N17 | W05 | .412 | 11733 | 14.8 | 9 | -N | 3 | V | 0326 | 1.00 | | | |
| PALE | 15 | 0325 | 0341 | 0326 | N19 | W06 | .446 | 11733 | 14.7 | 16 | -N | 1 | C | | 1.44 | | | F |
| 8 STATIONS REPORTING GROUP 42477. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42477 | 15 | 0332 | 0438 | 0346 | S15 | E20 | .362 | 11734 | 16.6 | 66 | 1N | | | | 4.48 | | | 7 6 6 8 |
| CULG | 15 | 0321 | 0454D | 0352 | S16 | E18 | .340 | 11734 | 16.5 | 93D | 2B | | | 0352 | 6.60 | 6.72 | | LR |
| CULG | 15 | 0321 | 0454D | 0341 | S16 | E20 | .368 | 11734 | 16.6 | 93D | 1N | | | 0341 | 4.33 | 4.41 | | HKJ |
| SIBE | 15 | 0330 | 0351 | 0347 | S17 | E17 | .333 | 11734 | 16.4 | 21 | 2F | | C | 0347 | 7.13 | 7.30 | 74 | EFIL |
| MITK | 15 | 0330 | 0502 | 0346 | S15 | E25 | .436 | 11734 | 17.0 | 92 | 2B | | C | 0346 | 5.47 | 5.80 | | FH |
| MANI | 15 | 0333E | 0342 | 0341 | S13 | E22 | .383 | 11734 | 16.8 | 9D | 1N | 2 | | 0341 | 2.06 | 2.24 | | |
| MANI | 15 | 0334 | 0342 | 0341 | S15 | E17 | .319 | 11734 | 16.4 | 8 | 1N | 2 | | 0341 | 2.27 | 2.40 | | |
| PALE | 15 | 0334 | 0415D | 0352 | S14 | E18 | .327 | 11734 | 16.5 | 41D | 1B | 1 | C | | 2.71 | | | |
| PALE | 15 | 0334 | 0415D | 0345 | S14 | E18 | .327 | 11734 | 16.5 | 41D | 1N | 1 | C | | 2.26 | | | HF |
| CRON | 15 | 0338 | 0339D | 0339 | S18 | E18 | .355 | 11734 | 16.5 | 1D | -N | 3 | V | 0339 | .70 | | | |
| TEHR | 15 | 0339 | 0445 | 0343 | S16 | E20 | .368 | 11734 | 16.7 | 66 | -N | 1 | C | | .64 | | | D |
| 42477 | 15 | 0335 | 0447 | 0406 | S17 | E18 | .347 | 11734 | 16.5 | 72 | *1B | | | | 7.08 | | | 4 4 4 7 |
| CULG | 15 | 0321 | 0454D | 0405 | S17 | E16 | .320 | 11734 | 16.3 | 93D | 2B | | P | 0405 | 10.93 | 11.13 | | S |
| KODA | 15 | 0331 | 0454 | 0415 | S17 | E19 | .361 | 11734 | 16.6 | 83 | 3B | | C | 0405 | 14.61 | 14.60 | 2.48 | FHIJKL |
| TEHR | 15 | 0339 | 0445 | 0401 | S16 | E20 | .368 | 11734 | 16.7 | 66 | -N | 1 | C | | 1.37 | | | |
| CRON | 15 | 0359 | 0434 | 0402 | S17 | E16 | .320 | 11734 | 16.4 | 35 | -N | 3 | V | 0402 | 1.40 | | | |
| GRP42479 | 15 | 0520 | 0528 | 0522 | S16 | E19 | .354 | 11734 | 16.6 | 8 | --N | | | | .48 | | | 3 3 3 6 |
| TEHR | 15 | 0520 | 0529 | 0522 | S15 | E18 | .333 | 11734 | 16.6 | 9 | -N | 3 | C | | .09 | | | D |
| MITK | 15 | 0520 | 0527 | 0523 | S16 | E20 | .368 | 11734 | 16.7 | 7 | -N | | C | 0523 | .52 | .60 | | D |
| MANI | 15 | 0521E | 0529 | 0521 | S16 | E19 | .354 | 11734 | 16.6 | 8D | -N | 2 | | 0521 | .83 | .88 | | |
| GRP42480 | 15 | 0617 | 0640 | 0619 | S22 | E29 | .527 | 11734 | 17.4 | 23 | --N | | | | .53 | | | 3 2 2 6 |
| CRON | 15 | 0616 | 0632 | 0618 | S22 | E30 | .540 | 11734 | 17.5 | 16 | -N | 3 | V | 0618 | .70 | | | |
| TEHR | 15 | 0618 | 0647 | 0620 | S22 | E28 | .515 | 11734 | 17.4 | 29 | -N | 3 | C | | .36 | | | F |
| MANI | 15 | 0631E | 0649 | 0631 | S22 | E29 | .527 | 11734 | 17.4 | 18D | -N | 2 | | 0631 | 1.03 | 1.22 | | |
| 482 ATHN | 15 | 0716 | 0730 | 0718 | S08 | E58 | .843 | 11743 | 19.7 | 14 | --F | 3 | C | | .33 | | | D |
| GRP42485 | 15 | 0801 | 0808 | 0803 | S22 | E26 | .490 | 11734 | 17.3 | 7 | --F | | | | .37 | | | 3 3 3 7 |
| ATHN | 15 | 0800 | 0806 | 0803 | S22* | E26 | .490 | 11734 | 17.3 | 6 | -F | 2 | C | | .50 | | | D |
| TEHR | 15 | 0801 | 0806 | 0803 | S22 | E28 | .515 | 11734 | 17.4 | 5 | -F | 4 | C | | .09 | | | F |
| HTPR | 15 | 0801 | 0811 | 0804 | S22 | E25 | .477 | 11734 | 17.2 | 10 | -F | | C | 0804 | .52 | .60 | | E |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | DURATION MIN. | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|-------------|-----------------------------------|-------|-------------|------------|---|------------|------------------|-------------------|---------------|--------------|-----------------|--------------|---------|---------------------|---------------------|---------------|----------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MATH PLAGE REGION | | | | CMP DAY | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hα | | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42487 | 15 | 0824 | 0851 | 0832 | S16 | E16 | .312 | 11734 | 16.6 | 27 | --N | | | | | | 6 6 6 7 | |
| CRON | 15 | 0816 | 0850 | 0836 | S17 | E15 | .306 | 11734 | 16.5 | 34 | -N | 2 | C | 0836 | .79 | .34 | | |
| TEHR | 15 | 0823 | 0857 | 0829 | S16 | E15 | .298 | 11734 | 16.5 | 34 | -N | 4 | C | | .32 | | F | |
| MANI | 15 | 0826E | 0850 | 0830 | S18 | E17 | .342 | 11734 | 16.6 | 24D | -F | 2 | | 0830 | .62 | .66 | | |
| HTPR | 15 | 0827 | 0851 | 0834 | S17 | E16 | .320 | 11734 | 16.6 | 24 | -F | | C | 0834 | .62 | .70 | | |
| ATHN | 15 | 0827 | 0849 | 0829 | S15 | E16 | .304 | 11734 | 16.6 | 22 | -N | 3 | C | | .99 | | FH | |
| CAPS | 15 | 0832E | 0837D | | S12 | E17 | .301 | 11734 | 16.6 | 5D | -N | 2 | V | 0832 | 1.00 | 1.10 | 161 | |
| CAPS | 15 | 0832E | 0846D | | S19 | E20 | .390 | 11734 | 16.9 | 14D | -N | 2 | V | 0832 | 1.00 | 1.10 | 182 | |
| GRP42489 | 15 | 0851 | 0903 | 0856 | S08 | E55 | .814 | 11743 | 19.5 | 12 | --N | | | | .46 | | 3 3 3 10 | |
| ARCE | 15 | 0848E | 0900D | | S07 | E56 | .825 | 11743 | 19.6 | 12D | -F | | C | 0900 | .37 | .70 | | |
| ATHN | 15 | 0854 | 0903 | 0856 | S10 | E57 | .833 | 11743 | 19.6 | 9 | -N | 3 | C | | .50 | | D | |
| CAPS | 15 | 0856E | 0903D | | S08 | E53 | .794 | 11743 | 19.3 | 7D | -N | 3 | V | 0857 | .50 | .80 | 166 | |
| GRP42493 | 15 | 0950 | 1016 | 0955 | S15 | E11 | .234 | 11734 | 16.2 | 26 | -B | | | | 1.75 | | 7 6 6 8 | |
| TEHR | 15 | 0948 | 1019 | 1000 | S16 | E14 | .284 | 11734 | 16.5 | 31 | -B | 3 | C | | 1.19 | | ZU | |
| ATHN | 15 | 0950 | 1011 | 0955 | S16 | E10 | .232 | 11734 | 16.2 | 21 | -B | 3 | C | | 1.16 | | FH | |
| HTPR | 15 | 0950 | 1006 | 0956 | S13 | E10 | .201 | 11734 | 16.2 | 16 | -B | | C | 0956 | 1.03 | 1.10 | EW | |
| CANR | 15 | 0950 | 1030 | 0952 | S13 | E13 | .246 | 11734 | 16.4 | 40 | -B | 1 | V | 0951 | .70 | .70 | | |
| CAPS | 15 | 0950E | 1013D | 0953 | S18 | E12 | .279 | 11734 | 16.3 | 23D | 1B | 3 | P | 0952 | 2.00 | 2.10 | 201 | |
| ARCE | 15 | 0959E | 1007D | | S14 | E10 | .211 | 11734 | 16.2 | 8D | 1B | | C | 1003 | 4.39 | 4.50 | F | |
| WEND | 15 | 1007E | 1023D | | S15 | E11 | .234 | 11734 | 16.2 | 16D | 2N | | P | | 8.25 | | | |
| GRP42494 | 15 | 1028 | 1100 | 1035 | S15 | E14 | .275 | 11734 | 16.5 | 32 | -B | | | | 2.61 | | 7 6 6 7 | |
| WEND | 15 | 1016 | 1023D | | S22 | E28 | .515 | 11734 | 17.5 | 7D | 1N | | V | | 3.09 | | | |
| ATHN | 15 | 1027 | 1053 | 1035 | S16 | E10 | .232 | 11734 | 16.2 | 26 | 1N | 3 | C | | 4.29 | | UF | |
| CANR | 15 | 1027 | 1130 | 1033 | S13 | E12 | .231 | 11734 | 16.3 | 63 | 1B | 2 | V | 1033 | 2.30 | 2.30 | | |
| TEHR | 15 | 1027 | 1102 | 1036 | S16 | E14 | .284 | 11734 | 16.5 | 35 | -B | 4 | C | | 1.83 | | ZU | |
| CAPS | 15 | 1029 | 1058 | 1035 | S16 | E14 | .284 | 11734 | 16.5 | 29 | 1B | 3 | P | 1036 | 4.00 | 4.20 | 300 | |
| HTPR | 15 | 1032 | 1050 | 1036 | S10 | E18 | .310 | 11734 | 16.8 | 18 | -N | | C | 1036 | 1.55 | 1.50 | EI | |
| CRON | 15 | 1034E | 1045 | | S16 | E14 | .284 | 11734 | 16.5 | 11D | -N | 2 | V | | 1.70 | | | |
| GRP42495 | 15 | 1105 | 1147 | 1107 | S20 | E20 | .398 | 11734 | 17.0 | 42 | --N | | | | .91 | | 6 6 6 6 | |
| TEHR | 15 | 1104 | 1150 | 1107 | S20 | E22 | .424 | 11734 | 17.1 | 46 | -N | 4 | C | | .55 | | FH | |
| CANR | 15 | 1105 | 1200 | 1106 | S13 | E15 | .276 | 11734 | 16.6 | 55 | -N | 3 | V | 1106 | .60 | .60 | | |
| ATHN | 15 | 1105 | 1143 | 1107 | S22 | E17 | .380 | 11734 | 16.7 | 38 | -N | 3 | C | | .99 | | FH | |
| ATHN | 15 | 1105 | 1143 | 1116 | S22 | E17 | .380 | 11734 | 16.7 | 38 | -N | 3 | C | | .83 | | | |
| HTPR | 15 | 1107 | 1123 | 1109 | S20 | E23 | .437 | 11734 | 17.2 | 16 | -N | | C | | | | | |
| HTPR | 15 | 1107 | 1123 | 1107 | S20 | E23 | .437 | 11734 | 17.2 | 16 | -N | | C | 1107 | .41 | .40 | E | |
| CAPS | 15 | 1109E | 1131D | | S21 | E21 | .419 | 11734 | 17.0 | 22D | 1B | 3 | P | 1109 | 2.00 | 2.20 | 204 | |
| RAMY | 15 | 1110E | 1135 | 1110 | S22 | E18 | .392 | 11734 | 16.8 | 25D | -N | 1 | C | | .93 | | CAI | |
| HTPR | 15 | 1126 | 1149 | 1130 | S20 | E26 | .476 | 11734 | 17.4 | 23 | -F | | C | 1130 | .31 | .30 | D | |
| | 6 STATIONS REPORTING GROUP 42496. | | | | 1 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | |
| GRP42496 | 15 | 1235 | 1318 | 1242 | S08 | E55 | .814 | 11743 | 19.6 | 43 | -N | | | | .59 | | 5 5 5 7 | |
| ATHN | 15 | 1228 | 1237 | 1230 | S09 | E54 | .804 | 11743 | 19.6 | 9 | -F | 2 | C | | .33 | | D | |
| RAMY | 15 | 1234 | 1328 | 1240 | S08 | E57 | .834 | 11743 | 19.8 | 54 | -N | 3 | C | | .93 | | FH | |
| TEHR | 15 | 1239 | 1327 | 1242 | S09 | E54 | .804 | 11743 | 19.6 | 48 | -N | 3 | C | | .45 | | EW | |
| HTPR | 15 | 1239 | 1327 | 1243 | S08 | E55 | .814 | 11743 | 19.7 | 48 | -N | | C | 1243 | .72 | 1.10 | | |
| CAPS | 15 | 1240E | 1249D | | S08 | E57 | .834 | 11743 | 19.8 | 9D | -N | 3 | V | 1240 | .50 | .80 | 182 | |
| 42496 | 15 | 1249 | 1323 | 1255 | S07 | E56 | .825 | 11743 | 19.7 | 34 | *-B | | | | .87 | | 2 2 2 6 | |
| HUAN | 15 | 1241E | 1300D | 1255D | S07 | E56 | .825 | 11743 | 19.7 | 19D | -N | 1 | P | 1255 | .73 | 1.31 | E | |
| CAPS | 15 | 1256 | 1323D | | S06 | E56 | .825 | 11743 | 19.7 | 27D | -B | 3 | V | 1258 | 1.00 | 1.80 | 216 | |
| | 4 STATIONS REPORTING GROUP 42498. | | | | 3 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | |
| GRP42498 | 15 | 1444 | 1542 (1510) | | S23 | E23 | .460 | 11734 | 17.3 | 58 | 1N | | | | 6.44 | | 2 2 2 7 | |
| WEND | 15 | 1444E | 1542D | | S22 | E23 | .452 | 11734 | 17.3 | 58D | 2N | | P | | 12.38 | | | |
| CAPS | 15 | 1509E | 1521D | | S23 | E23 | .460 | 11734 | 17.4 | 12D | -N | 3 | V | 1510 | .50 | .50 | 182 | |
| 42498 | 15 | 1445 | 1546 | 1449 | S23 | E25 | .485 | 11734 | 17.5 | 61 | *-N | | | | 1.12 | | 3 2 2 7 | |
| RAMY | 15 | 1444 | 1545 | 1449 | S23 | E26 | .497 | 11734 | 17.6 | 61 | -N | 3 | C | | 1.24 | | F | |
| CAPS | 15 | 1445 | 1500D | | S23 | E23 | .460 | 11734 | 17.3 | 15D | -N | 3 | V | 1448 | 1.00 | 1.20 | 182 | |
| HUAN | 15 | 1457 | 1546 | | S23 | E25 | .485 | 11734 | 17.5 | 49 | -N | 1 | P | 1538 | .58 | .66 | E | |
| GRP42499 | 15 | 1550 | 1558 | 1554 | S16 | E12 | .257 | 11734 | 16.6 | 8 | --N | | | | .47 | | 4 4 4 6 | |
| HUAN | 15 | 1549 | 1557 | 1555 | S17 | E10 | .244 | 11734 | 16.4 | 8 | -N | 2 | C | 1551 | .18 | .18 | D | |
| CANR | 15 | 1550 | 1600 | | S14 | E11 | .225 | 11734 | 16.5 | 10 | -N | 2 | V | 1553 | .30 | .30 | | |
| HTPR | 15 | 1550 | 1557 | 1553 | S15 | E13 | .261 | 11734 | 16.6 | 7 | -F | | C | 1552 | .41 | .40 | E | |
| CAPS | 15 | 1551E | 1557D | | S18 | E14 | .303 | 11734 | 16.7 | 6D | -N | 3 | V | 1552 | 1.00 | 1.10 | 188 | |
| * GRP42502 | 15 | 1729 | 1750 | 1733 | S07 | E53 | .794 | 11743 | 19.7 | 21 | -N | | | | .79 | | 6 5 3 6 | |
| GRP42504 | 15 | 1810 | 1828 | 1813 | S21 | E20 | .407 | 11734 | 17.3 | 18 | --F | | | | .34 | | 2 2 2 5 | |
| HUAN | 15 | 1808 | 1837 | 1812 | S22 | E22 | .440 | 11734 | 17.4 | 29 | -N | 2 | C | 1812 | .43 | .48 | E | |
| BOUL | 15 | 1812 | 1818 | 1813 | S19 | E17 | .351 | 11734 | 17.0 | 6 | -F | 2 | V | 1813 | .25 | .30 | | |
| 505 HUAN | 15 | 1850 | 1930D | 1853 | S23 | E22 | .448 | 11734 | 17.4 | 40D | -N | 2 | P | 1853 | 1.36 | 1.50 | E | |

* See Unconfirmed List

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|---|-------------|-------|-------|------------|----------|------------|------------------|--------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMAH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| 1972 FEB | | | | | | | | | | | | | | | | | | |
| GRP42507 | 15 | 2035 | 2049 | 2039 | N08 | E86 | .999 | 11748 | 22.3 | 14 | --F | | | .19 | | | | 2 2 1 4 |
| LOCK | 15 | 2030 | 2054 | 2038 | N08 | E81 | .991 | 11748 | 21.9 | 24 | -F | | | | | | | |
| PALE | 15 | 2039 | 2043 | 2040 | N08 | E90 | 1.000 | 11748 | 22.6 | 4 | -F | 1 | C | .19 | | | | |
| 508 LOCK | 15 | 2135 | 2200 | 2145 | N08 | E81 | .991 | 11748 | 22.0 | 25 | --F | | | | | | | 2 |
| 509 MANI | 16 | 0112E | 0126 | 0114 | S17 | E00 | .176 | 11734 | 16.0 | 140 | --N | 2 | | 0114 | .41 | .42 | | 2 |
| 512 TEHR | 16 | 0456 | 0512 | 0504 | S16 | W01 | .160 | 11734 | 16.1 | 16 | --F | 2 | C | | .11 | | | D 4 |
| GRP42513 | 16 | 0512 | 0523 | 0514 | S20 | E14 | .324 | 11734 | 17.3 | 11 | --F | 2 | C | | .37 | | | 1 1 1 4 |
| TEHR | 16 | 0512 | 0521 | 0514 | S18 | E12 | .278 | 11734 | 17.1 | 9 | -F | 2 | C | | .23 | | | F |
| TEHR | 16 | 0514 | 0523 | 0515 | S22 | E16 | .368 | 11734 | 17.4 | 9 | -F | 2 | C | | .14 | | | D |
| GRP42520 | 16 | 1149 | 1215 | 1154 | S10 | E44 | .690 | 11743 | 19.8 | 26 | -F | | | | 2.25 | | | 2 2 2 6 |
| WEND | 16 | 1148 | 1215 | | S10 | E44 | .690 | 11743 | 19.8 | 27 | 1N | | V | | 4.13 | | | |
| RAMY | 16 | 1150 | 1215 | 1154 | S10 | E43 | .677 | 11743 | 19.7 | 25 | -F | 3 | C | | .37 | | | D |
| GRP42522 | 16 | 1223 | 1254 | 1241 | S17 | E07 | .212 | 11734 | 17.0 | 31 | -N | | | | 1.53 | | | 6 6 6 8 |
| WEND | 16 | 1220 | 1254 | | S17 | E05 | .195 | 11734 | 16.9 | 34 | 1N | | V | | 3.09 | | | |
| RAMY | 16 | 1222 | 1253 | 1228 | S17 | E07 | .212 | 11734 | 17.0 | 31 | -N | 3 | C | | .56 | | | F |
| RAMY | 16 | 1222 | 1253 | 1241 | S17 | E07 | .212 | 11734 | 17.0 | 31 | -N | 3 | C | | 1.49 | | | |
| CAPS | 16 | 1224E | 1252D | | S14 | E08 | .184 | 11734 | 17.1 | 280 | -F | 3 | V | 1232 | 1.80 | 1.80 | | 152 |
| ZURTI | 16 | 1225 | 1253 | 1243 | S17 | E06 | .203 | 11734 | 17.0 | 28 | -N | 2 | C | 1243 | 1.89 | 1.90 | | C |
| ATHN | 16 | 1236E | 1250 | 1236 | S18 | E07 | .226 | 11734 | 17.0 | 140 | -F | 2 | C | | .66 | | | F |
| TEHR | 16 | 1240E | 1301 | 1244 | S18 | E07 | .226 | 11734 | 17.1 | 210 | -N | 3 | C | | .22 | | | F |
| GRP42523 | 16 | 1234 | 1251 | 1242 | N08 | E85 | .998 | 11748 | 22.9 | 17 | -N | | | | 1.30 | | | 4 4 4 8 |
| WEND | 16 | 1210 | 1251 | | N07 | E84 | .996 | 11748 | 22.8 | 41 | 1N | | V | | 4.13 | | | |
| CAPS | 16 | 1227E | 1244D | | N10 | E85 | .998 | 11748 | 22.9 | 170 | -N | 3 | V | 1227 | .38 | | | E |
| TEHR | 16 | 1250 | 1240 | | N09 | E85 | .998 | 11748 | 22.9 | 100 | -N | 3 | C | | .14 | | | D |
| ATHN | 16 | 1241 | 1252 | 1243 | N04 | E85 | .997 | 11748 | 22.9 | 11 | -N | 2 | C | | .33 | | | D |
| CAPS | 16 | 1241E | 1252D | | N10 | E85 | .998 | 11748 | 22.9 | 110 | -B | 3 | V | 1241 | .58 | | | C |
| GRP42524 | 16 | 1344 | 1355 | 1347 | N09 | E86 | .999 | 11748 | 23.0 | 11 | -B | | | | .15 | | | 2 2 1 6 |
| MCHA | 16 | 1343 | 1355D | 1348 | N10 | E88 | 1.000 | 11748 | 23.2 | 120 | -B | | | | | | | |
| TEHR | 16 | 1344 | 1345D | 1345 | N08 | E83 | .995 | 11748 | 22.8 | 10 | -N | 2 | C | | .15 | | | D |
| 42524 | 16 | 1348 | 1406 | 1359 | N08 | E85 | .998 | 11748 | 23.0 | 18 | *-N | | | | .74 | | | 5 5 3 5 |
| RAMY | 16 | 1344 | 1408 | 1356 | N09 | E85 | .998 | 11748 | 22.9 | 24 | -B | 3 | C | | | | | D |
| CANR | 16 | 1344 | 1404 | 1358 | N07 | E82 | .992 | 11748 | 22.7 | 20 | -N | 1 | V | 1358 | .30 | .90 | | |
| CAPS | 16 | 1340E | 1405D | | N10 | E85 | .998 | 11748 | 22.9 | 170 | 1N | 1 | V | 1400 | 1.26 | | | K |
| MCHA | 16 | 1356 | 1410 | 1358 | N10 | E88 | 1.000 | 11748 | 23.2 | 14 | -B | | | 1358 | | | | EK |
| ATHN | 16 | 1402E | 1405D | 1402 | N05 | E85 | .997 | 11748 | 23.0 | 30 | -N | 2 | C | | .66 | | | F |
| GRP42525 | 16 | 1423 | 1439 | 1425 | S21 | E09 | .286 | 11734 | 17.3 | 16 | --N | | | | .45 | | | 5 5 5 5 |
| RAMY | 16 | 1421 | 1440 | 1425 | S23 | E08 | .307 | 11734 | 17.2 | 19 | -N | 3 | C | | .46 | | | F |
| MCHA | 16 | 1424 | 1436 | 1426 | S22 | E09 | .300 | 11734 | 17.3 | 12 | -N | | C | 1426 | .41 | .40 | | E |
| CAPS | 16 | 1424E | 1440D | | S20 | E11 | .291 | 11734 | 17.4 | 160 | -N | 3 | V | 1426 | .50 | .50 | | 189 |
| CANR | 16 | 1424 | 1438 | 1424 | S22 | E08 | .292 | 11734 | 17.2 | 14 | -N | 2 | V | 1424 | .20 | .20 | | E |
| BOUL | 16 | 1424 | 1440 | 1424 | S20 | E10 | .281 | 11734 | 17.4 | 16 | -F | 2 | V | 1424 | .70 | | | |
| GRP42527 | 16 | 1700 | 1707 | 1703 | S21 | E02 | .246 | 11734 | 16.9 | 7 | --N | | | | .36 | | | 4 4 3 5 |
| LOCK | 16 | 1659 | 1710 | 1702 | S21 | E01 | .245 | 11734 | 16.8 | 11 | -N | | | | | | | |
| HUAN | 16 | 1700 | 1706 | 1702 | S22 | E03 | .266 | 11734 | 16.9 | 6 | -N | 1 | C | 1702 | .33 | .34 | | E |
| BOUL | 16 | 1701 | 1707U | 1703 | S21 | E00 | .244 | 11734 | 16.7 | 60 | -N | 1 | C | 1703 | .43 | .43 | | |
| MCHA | 16 | 1701 | 1706 | 1703 | S21 | E02 | .246 | 11734 | 16.9 | 5 | -F | | | 1703 | .31 | .30 | | E |
| 6 STATIONS REPORTING GROUP 42528. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42528 | 16 | 1729 | 1848 | 1744 | N24 | E04 | .517 | 11741 | 17.0 | 79 | -N | | | | 1.43 | | | 6 6 5 6 |
| LOCK | 16 | 1726 | 1900 | 1745 | N23 | E04 | .502 | 11741 | 17.0 | 94 | 1F | | | | | | | S |
| PALE | 16 | 1728 | 1857 | 1747 | N23 | E03 | .500 | 11741 | 17.0 | 89 | -N | 3 | C | | 1.27 | | | SF |
| BOUL | 16 | 1729 | 1830 | 1738 | N23 | E04 | .502 | 11741 | 17.0 | 61 | -N | 2 | C | 1738 | 1.08 | 1.20 | | |
| MCHA | 16 | 1730 | 1940 | 1749 | N23 | E03 | .500 | 11741 | 17.0 | 130 | -N | | C | 1749 | 1.55 | 1.90 | | FL |
| HUAN | 16 | 1730 | 1848 | 1746U | N25 | E05 | .533 | 11741 | 17.1 | 78 | -N | 1 | P | 1746 | 1.13 | 1.35 | | E |
| RAMY | 16 | 1731 | 1846 | 1736 | N24 | E06 | .521 | 11741 | 17.2 | 75 | 1N | 3 | C | | 2.13 | | | UF |
| 528 HUAN | 16 | 1739 | 1756 | 1743 | N17 | W02 | .406 | 11741 | 16.6 | 17 | *-F | 1 | C | 1743 | .18 | .19 | | D 6 |
| GRP42529 | 16 | 1752 | 1759 | 1754 | S07 | E38 | .612 | 11743 | 19.6 | 7 | --N | | | | .38 | | | 4 4 4 6 |
| HUAN | 16 | 1752 | 1758 | 1755 | S07 | E37 | .598 | 11743 | 19.5 | 6 | -N | 1 | C | 1755 | .28 | .35 | | E |
| MCHA | 16 | 1752 | 1803 | 1753 | S06 | E37 | .599 | 11743 | 19.5 | 11 | -N | | C | 1753 | .52 | .70 | | E |
| PALE | 16 | 1752 | 1757 | 1753 | S08 | E38 | .611 | 11743 | 19.6 | 5 | -N | 2 | C | | .27 | | | F |
| RAMY | 16 | 1752 | 1757 | 1753 | S07 | E38 | .612 | 11743 | 19.6 | 5 | -F | 3 | C | | .46 | | | D |

SOLAR FLARES Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | | |
|---|-------------|-------|-------|------------|----------|------------|------------------|--------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|-------------|---------|-------------|---|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMAH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | | | |
| GRP42531 | 16 | 1835 | 1901 | 1844 | N09 | E81 | .991 | 11748 | 22.8 | 26 | --F | | | | | .39 | | | 4 4 2 6 | |
| BOUL | 16 | 1814 | 1908 | 1843 | N07 | E82 | .992 | 11748 | 22.9 | 54 | -N | 2 | V | 1843 | | .50 | 2.00 | | | |
| BOUL | 16 | 1825 | 1908 | 1834 | N13 | E83 | .996 | 11748 | 23.0 | 43 | -N | 2 | V | 1834 | | .40 | 1.50 | | | |
| LOCK | 16 | 1835 | 1900 | 1838 | N07 | E77 | .978 | 11748 | 22.5 | 25 | -F | | | | | | | | | |
| LOCK | 16 | 1835 | 1900 | 1852 | N07 | E77 | .978 | 11748 | 22.5 | 25 | -F | | | | | | | | | |
| MCMA | 16 | 1839 | 1858 | 1850 | N10 | E85 | .998 | 11748 | 23.2 | 19 | -F | | | 1850 | | | | | K E F | |
| PALE | 16 | 1840 | 1856 | 1843 | N09 | E81 | .991 | 11748 | 22.9 | 16 | -F | 2 | C | | | .27 | | | | |
| GRP42532 | 16 | 1843 | 1852 | 1845 | S22 | E01 | .262 | 11734 | 16.9 | 9 | -B | | | | | 1.11 | | | 6 6 5 6 | |
| LOCK | 16 | 1841 | 1853 | 1844 | S22 | E00 | .261 | 11734 | 16.8 | 12 | -B | | | | | | | | | |
| RAMY | 16 | 1841 | 1852 | 1844 | S22 | E01 | .262 | 11734 | 16.9 | 11 | -B | 3 | C | | | 1.86 | | | D | |
| PALE | 16 | 1843 | 1855 | 1847 | S21 | E02 | .246 | 11734 | 16.9 | 12 | -N | 3 | C | | | .81 | | | DH | |
| HUAN | 16 | 1843 | 1848D | 1846U | S22 | E01 | .262 | 11734 | 16.9 | 5D | -N | 1 | P | 1846 | | .21 | .21 | | E | |
| MCMA | 16 | 1844 | 1852 | 1845 | S22 | E01 | .262 | 11734 | 16.9 | 8 | -B | | | 1845 | | 1.29 | 1.30 | | HV | |
| BOUL | 16 | 1844 | 1850 | 1845 | S21 | E00 | .244 | 11734 | 16.8 | 6 | -N | 2 | C | 1845 | | 1.40 | 1.40 | | | |
| GRP42534 | 16 | 1934 | 1944 | 1936 | N08 | E82 | .993 | 11748 | 23.0 | 10 | --F | | | | | .50 | | | 3 3 1 4 | |
| LOCK | 16 | 1930 | 1943 | 1935 | N07 | E77 | .978 | 11748 | 22.6 | 13 | -F | | | | | | | | | |
| MCMA | 16 | 1933 | 1940 | 1936 | N10 | E85 | .998 | 11748 | 23.2 | 7 | -F | | | 1936 | | | | | D | |
| BOUL | 16 | 1938 | 1948 | 1938 | N08 | E83 | .995 | 11748 | 23.0 | 10 | -N | 2 | V | 1938 | | .50 | 2.00 | | | |
| 3 STATIONS REPORTING GROUP 42535. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | | | |
| GRP42535 | 16 | 2052 | 2143 | 2128 | S25 | E12 | .366 | 11734 | 17.8 | 51 | --F | | | | | .81 | | | 2 2 1 2 | |
| PALE | 16 | 2043 | 2135 | 2125 | S25 | E12 | .366 | 11734 | 17.8 | 52 | -F | 3 | C | | | .81 | | | | |
| LOCK | 16 | 2100 | 2150 | 2130 | S25 | E11 | .358 | 11734 | 17.7 | 50 | -F | | | | | | | | | |
| 42535 | 16 | 2042 | 2207 | 2042 | S24 | E13 | .361 | 11734 | 17.8 | 85 | *-F | | | 2042 | | .75 | .75 | | 2 1 1 3 | |
| BOUL | 16 | 2042 | 2207 | 2042 | S24 | E13 | .361 | 11734 | 17.8 | 85 | -F | 2 | V | | | .75 | .75 | | | |
| PALE | 16 | 2043 | 2135 | 2054 | S25 | E12 | .366 | 11734 | 17.8 | 52 | -F | 3 | C | | | .55 | | | F | |
| 537 | LOCK | 16 | 2120 | 2150 | 2130 | N19 | W29 | .623 | 11733 | 14.7 | 30 | --F | | | | | | | 2 | |
| 538 | LOCK | 16 | 2225 | 2240 | 2230 | S26 | E08 | .352 | 11734 | 17.5 | 15 | --F | | | | | | | 1 | |
| GRP42539 | 16 | 2237 | 2259 | 2247 | N09 | E76 | .976 | 11748 | 22.6 | 22 | -N | | | | | .76 | | | 3 3 2 3 | |
| LOCK | 16 | 2233 | 2300 | 2244 | N11 | E77 | .981 | 11748 | 22.7 | 27 | -F | | | | | | | | | |
| CRON | 16 | 2240 | 2300 | 2246 | N10 | E77 | .980 | 11748 | 22.7 | 20 | -N | 1 | V | | | .80 | | | | |
| PALE | 16 | 2252E | 2258 | 2252 | N07 | E75 | .971 | 11748 | 22.6 | 6D | -N | 2 | C | | | .72 | | | F | |
| 540 | LOCK | 16 | 2255 | 2310 | 2301 | S14 | W05 | .151 | 11734 | 16.6 | 15 | --F | | | | | | | 2 | |
| GRP42541 | 16 | 2321 | 2330 | 2323 | S17 | W01 | .177 | 11734 | 16.9 | 9 | --F | | | | | .77 | | | 4 4 2 5 | |
| LOCK | 16 | 2320 | 2330 | 2322 | S18 | E00 | .193 | 11734 | 17.0 | 10 | -N | | | | | | | | | |
| BOUL | 16 | 2322 | 2324 | 2323 | S17 | E01 | .177 | 11734 | 17.0 | 2 | -F | 1 | V | | | | | | | |
| MANI | 16 | 2323E | 2333 | 2324 | S16 | E00 | .159 | 11734 | 17.0 | 10D | -N | 2 | V | 2324 | | 1.13 | 1.15 | | | |
| CRON | 16 | 2324E | 2333 | 2324 | S16 | W05 | .180 | 11734 | 16.6 | 9D | -F | 2 | V | | | .40 | | | | |
| GRP42544 | 17 | 0024 | 0043 | 0028 | N09 | E77 | .979 | 11748 | 22.8 | 19 | -N | | | | | .70 | | | 4 4 3 4 | |
| LOCK | 17 | 0021 | 0038 | 0026 | N09 | E77 | .979 | 11748 | 22.8 | 17 | -N | | | | | | | | | |
| CRON | 17 | 0023 | 0036 | 0026 | N07 | E75 | .971 | 11748 | 22.6 | 13 | -N | 2 | C | 0026 | | .43 | | | | |
| MANI | 17 | 0025 | 0059 | 0032 | N11 | E78 | .984 | 11748 | 22.9 | 34 | -N | 2 | | 0032 | | .93 | 2.34 | | | |
| VORO | 17 | 0025 | 0037 | 0027 | N10 | E78 | .983 | 11748 | 22.9 | 12 | -F | | | 0027 | | .74 | 2.90 | 95 | DK | |
| 545 | MANI | 17 | 0356 | 0400 | 0356 | N10 | E75 | .973 | 11748 | 22.8 | 4 | --F | 2 | | 0356 | | .31 | .75 | | 2 |
| 546 | CRON | 17 | 0441E | 0446 | 0441D | N08 | E73 | .963 | 11748 | 22.7 | 5D | --N | 3 | V | | | .20 | | | 2 |
| GRP42547 | 17 | 0608 | 0630 | 0612 | S14 | E50 | .761 | 11743 | 21.0 | 22 | -N | | | | | .91 | | | 3 3 3 3 | |
| CRON | 17 | 0607 | 0615 | 0612 | S15 | E50 | .762 | 11743 | 21.0 | 8 | -N | 2 | C | 0612 | | .54 | .83 | | | |
| MANI | 17 | 0608 | 0635 | 0612 | S13 | E50 | .761 | 11743 | 21.0 | 27 | -N | 2 | C | 0612 | | 1.03 | 1.59 | | | |
| ATHN | 17 | 0610 | 0640 | 0612 | S15 | E50 | .762 | 11743 | 21.0 | 30 | -N | 2 | C | | | 1.16 | | | D | |
| GRP42548 | 17 | 0630 | 0650 | 0635 | S16 | W14 | .283 | 11734 | 16.2 | 20 | -N | | | | | .95 | | | 2 2 2 3 | |
| MANI | 17 | 0629 | 0653 | 0635 | S15 | W14 | .275 | 11734 | 16.2 | 24 | -N | 2 | C | 0635 | | 1.24 | 1.30 | | | |
| ATHN | 17 | 0631 | 0647 | 0635 | S16 | W13 | .270 | 11734 | 16.3 | 16 | -N | 2 | C | | | .66 | | | D | |
| GRP42549 | 17 | 0650 | 0706 | 0654 | N07 | E71 | .952 | 11748 | 22.6 | 16 | -N | | | | | .70 | | | 3 3 3 3 | |
| MANI | 17 | 0649 | 0712 | 0654 | N08 | E72 | .958 | 11748 | 22.7 | 23 | -N | 2 | | 0654 | | .93 | 2.08 | | | |
| ATHN | 17 | 0651 | 0657D | 0655 | N07 | E72 | .957 | 11748 | 22.7 | 6D | -N | 2 | C | | | .66 | | | D | |
| CRON | 17 | 0654E | 0700 | 0654U | N07 | E70 | .947 | 11748 | 22.5 | 6D | -N | 3 | V | | | .50 | | | | |
| GRP42550 | 17 | 0716 | 0745 | 0731 | S16 | W09 | .219 | 11734 | 16.6 | 29 | --N | | | | | .52 | | | 2 1 1 4 | |
| MANI | 17 | 0716 | 0745 | 0731 | S16 | W09 | .219 | 11734 | 16.6 | 29 | -N | 2 | | 0731 | | .52 | .53 | | | |
| CATA | 17 | 0720 | 0745 | 0720 | S13 | W08 | .173 | 11734 | 16.7 | 25 | -N | | | 0720 | | .69 | .71 | | 193 | |
| CATA | 17 | 0720 | 0745 | 0720 | S17 | W09 | .231 | 11734 | 16.6 | 25 | -N | | | 0720 | | .63 | .65 | | 174 | |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|------------------|--------------|-----------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| GRP42555 | 17 | 1012 | 1014 | 1014 | N10 | E73 | .964 | 11748 | 22.9 | 2 | --N | | | | | | | 3 3 3 9 |
| ZURI | 17 | 1011E | 1012 | 1011 | N09 | E72 | .959 | 11748 | 22.8 | 10 | -N | P | 1011 | .37 | | | | |
| CAPS | 17 | 1012E | 1015D | | N10 | E70 | .950 | 11748 | 22.7 | 3D | -N | 1 V | 1013 | .61 | | | | C |
| CANR | 17 | 1013 | 1014D | 1014 | N11 | E78 | .984 | 11748 | 23.3 | 1D | -N | 3 V | 1014 | .29 | .50 | | | |
| GRP42556 | 17 | 1048 | 1116 | 1053 | S14 | W15 | .282 | 11734 | 16.3 | 28 | 1N | | | 3.13 | | | | 7 7 7 8 |
| CATA | 17 | 1045 | 1135 | 1055 | S15 | W15 | .289 | 11734 | 16.3 | 50 | 1B | C | 1055 | 2.32 | 2.43 | | | 260 |
| CAPF | 17 | 1045E | 1117D | | S16 | W15 | .297 | 11734 | 16.3 | 32D | 1N | P | 1049 | 3.30 | 3.36 | | | |
| ATHN | 17 | 1047 | 1105 | 1051 | S13 | W15 | .275 | 11734 | 16.3 | 18 | -N | 1 C | | 1.65 | | | | D |
| WEND | 17 | 1050 | 1116 | | S13 | W14 | .260 | 11734 | 16.4 | 26 | 1N | V | | 3.09 | | | | |
| CANR | 17 | 1051 | 1052D | | S13 | W13 | .245 | 11734 | 16.5 | 1D | -N | 1 V | 1052 | 1.10 | 1.20 | | | 182 |
| CAPS | 17 | 1053E | 1114D | | S13 | W15 | .275 | 11734 | 16.3 | 21D | 2N | 2 P | 1054 | 5.00 | 5.30 | | | |
| ZURI | 17 | 1054E | 1107 | 1054 | S14 | W15 | .282 | 11734 | 16.3 | 13D | 2B | P | 1054 | 5.47 | 5.70 | | | |
| GRP42557 | 17 | 1048 | 1150 | 1055 | S21 | W12 | .313 | 11734 | 16.6 | 62 | --B | | | .52 | | | | 2 1 1 7 |
| CATA | 17 | 1048 | 1150 | 1055 | S21 | W12 | .313 | 11734 | 16.5 | 62 | -B | C | 1055 | .52 | .55 | | | 234 |
| RAMY | 17 | 1121E | 1157 | 1121 | S22 | W13 | .336 | 11734 | 16.5 | 36D | -F | 2 C | | .65 | | | | D |
| GRP42559 | 17 | 1214 | 1220 | 1215 | N19 | W39 | .724 | 11733 | 14.6 | 6 | --N | | | .57 | | | | 2 2 2 6 |
| ATHN | 17 | 1212 | 1219 | 1215 | N18 | W40 | .728 | 11733 | 14.5 | 7 | -N | 1 C | | .50 | | | | D |
| CATA | 17 | 1215 | 1220 | 1215 | N19 | W38 | .714 | 11733 | 14.7 | 5 | -N | C | 1215 | .63 | .92 | | | 195 |
| GRP42560 | 17 | 1220 | 1228 | 1225 | N07 | E67 | .929 | 11748 | 22.5 | 8 | --N | | | .25 | | | | 3 3 3 7 |
| ATHN | 17 | 1212 | 1229D | 1226 | N07 | E70 | .947 | 11748 | 22.8 | 17D | -N | 1 C | | .33 | | | | D |
| ATHN | 17 | 1212 | 1229D | 1215 | N07 | E70 | .947 | 11748 | 22.8 | 17D | -F | 1 C | | .33 | | | | D |
| HUAN | 17 | 1222 | 1226 | 1224 | N08 | E67 | .930 | 11748 | 22.5 | 4 | -N | 1 C | 1224 | .18 | | | | D |
| CATA | 17 | 1225 | 1230 | 1225 | N07 | E65 | .916 | 11748 | 22.4 | 5 | -B | C | 1225 | .23 | | | | 257 |
| GRP42565 | 17 | 1622 | 1651 | 1634 | S14 | E42 | .667 | 11743 | 20.8 | 29 | -N | | | .80 | | | | 6 6 5 6 |
| CANR | 17 | 1609 | 1647 | 1633 | S15 | E42 | .668 | 11743 | 20.8 | 38 | -N | 2 V | 1633 | .40 | .50 | | | |
| BOUL | 17 | 1615 | 1703 | 1633 | S13 | E41 | .653 | 11743 | 20.8 | 48 | -N | 3 V | 1633 | .65 | .90 | | | |
| RAMY | 17 | 1619 | 1649 | 1632 | S13 | E43 | .679 | 11743 | 20.9 | 30 | -N | 3 C | | 1.39 | | | | F |
| HUAN | 17 | 1620 | 1645 | | S14 | E43 | .680 | 11743 | 20.9 | 25 | -N | 2 P | 1637 | .94 | 1.26 | | | E |
| MCMA | 17 | 1627 | 1654 | 1635 | S13 | E43 | .679 | 11743 | 20.9 | 27 | -N | C | 1635 | .62 | .80 | | | E |
| LOCK | 17 | 1630 | 1650 | 1636 | S15 | E41 | .656 | 11743 | 20.8 | 20 | -F | C | | | | | | |
| GRP42569 | 17 | 1902 | 1924 | 1916 | N09 | E63 | .905 | 11748 | 22.5 | 22 | --F | | | .28 | | | | 2 2 2 5 |
| MCMA | 17 | 1900E | 1925D | | N08 | E63 | .903 | 11748 | 22.5 | 25D | -F | C | 1910 | .41 | 1.00 | | | EH |
| HUAN | 17 | 1903 | 1923 | 1916 | N09 | E63 | .905 | 11748 | 22.5 | 20 | -N | 2 C | 1916 | .15 | .34 | | | D |
| GRP42570 | 17 | 1912 | 1935 | 1925 | N19 | W38 | .714 | 11733 | 15.0 | 23 | --N | | | .57 | | | | 4 4 4 5 |
| HUAN | 17 | 1911 | 1937 | 1925 | N20 | W40 | .739 | 11733 | 14.8 | 26 | -N | 2 C | 1925 | .40 | .59 | | | E |
| MCMA | 17 | 1911 | 1945 | 1928 | N21 | W40 | .745 | 11733 | 14.8 | 34 | -N | C | 1928 | .62 | .90 | | | EL |
| BOUL | 17 | 1914 | 1927 | 1922 | N15 | W32 | .623 | 11733 | 15.4 | 13 | -F | 1 C | 1922 | .43 | .55 | | | F |
| PALE | 17 | 1923E | 1931 | 1924 | N21 | W40 | .745 | 11733 | 14.8 | 8D | -N | 2 C | | .81 | | | | |
| GRP42572 | 17 | 1914 | 1936 | 1921 | S15 | W17 | .318 | 11734 | 16.5 | 22 | --F | | | .44 | | | | 3 3 3 5 |
| HUAN | 17 | 1913 | 1931 | 1920 | S14 | W17 | .311 | 11734 | 16.5 | 18 | -N | 2 C | 1920 | .18 | .18 | | | D |
| MCMA | 17 | 1915 | 1935 | 1920 | S15 | W17 | .318 | 11734 | 16.5 | 20 | -F | C | 1920 | .41 | .40 | | | EL |
| PALE | 17 | 1922E | 1941 | 1924 | S17 | W16 | .319 | 11734 | 16.6 | 19D | -F | 2 C | | .72 | | | | FD |
| GRP42573 | 17 | 1928 | 2000 | 1935 | S23 | E87 | .995 | 11751 | 24.3 | 32 | -B | | | | | | | 2 2 0 5 |
| LOCK | 17 | 1925 | 2000 | 1936 | S23 | E84 | .990 | 11751 | 24.1 | 35 | -B | C | | | | | | |
| MCMA | 17 | 1931 | 1950D | 1934 | S22 | E90 | .999 | 11751 | 24.6 | 19D | 1B | C | 1934 | | | | | |
| 575 HUAN | 17 | 2045 | 2050 | 2047 | S14 | E38 | .615 | 11743 | 20.7 | 5 | --N | 2 C | 2047 | .28 | .35 | | | D |
| 576 LOCK | 17 | 2054 | 2110 | 2101 | S23 | E84 | .990 | 11751 | 24.2 | 16 | -N | C | | | | | | 3 |
| GRP42577 | 17 | 2140 | 2229 | 2150 | S14 | E40 | .642 | 11743 | 20.9 | 49 | -N | | | 1.57 | | | | 4 4 4 5 |
| HUAN | 17 | 2138 | 2232 | 2148 | S14 | E40 | .642 | 11743 | 20.9 | 54 | -N | 2 C | 2148 | 1.03 | 1.33 | | | E |
| PALE | 17 | 2140 | 2159D | 2147 | S13 | E40 | .640 | 11743 | 20.9 | 19D | -N | 2 C | | 1.27 | | | | D |
| BOUL | 17 | 2143 | 2225 | 2151 | S14 | E40 | .642 | 11743 | 20.9 | 42 | 1N | 2 V | 2151 | 2.40 | 3.00 | | | |
| RAMY | 17 | 2155E | 2157D | 2155 | S14 | E39 | .629 | 11743 | 20.8 | 2D | -N | 1 C | | 1.58 | | | | F |
| GRP42578 | 17 | 2147 | 2158 | 2150 | N19 | W46 | .790 | 11733 | 14.5 | 11 | --N | | | .34 | | | | 3 3 3 5 |
| PALE | 17 | 2145 | 2158 | 2147 | N19 | W46 | .790 | 11733 | 14.5 | 13 | -F | 2 C | | .27 | | | | |
| HUAN | 17 | 2146 | 2155 | 2150 | N18 | W47 | .795 | 11733 | 14.4 | 9 | -N | 2 C | 2150 | .15 | .25 | | | D |
| BOUL | 17 | 2150 | 2200 | 2152 | N20 | W44 | .777 | 11733 | 14.6 | 10 | -N | 2 V | 2152 | .60 | .80 | | | |
| GRP42579 | 17 | 2241 | 2257 | 2243 | N11 | E61 | .893 | 11748 | 22.5 | 16 | -N | | | .61 | | | | 4 3 2 5 |
| BOUL | 17 | 2241 | 2257 | 2244 | N13 | E64 | .918 | 11748 | 22.7 | 16 | -N | 2 V | 2244 | .60 | 1.50 | | | |
| LOCK | 17 | 2241 | 2255 | 2243 | N15 | E62 | .908 | 11748 | 22.6 | 14 | -F | C | | | | | | |
| PALE | 17 | 2243E | 2245D | 2243 | N09 | E59 | .874 | 11748 | 22.4 | 2D | -N | 2 C | | .62 | | | | F |
| CRON | 17 | 2250E | 2300 | | N08 | E60 | .880 | 11748 | 22.5 | 10D | -F | 2 V | | .80 | | | | |
| GRP42580 | 17 | 2320 | 2335 | 2323 | S17 | W18 | .346 | 11734 | 16.6 | 15 | --F | | | | | | | 2 2 0 5 |
| LOCK | 17 | 2320 | 2330 | 2323 | S17 | W17 | .333 | 11734 | 16.7 | 10 | -F | C | | | | | | |
| PALE | 17 | 2324E | 2340D | | S16 | W18 | .339 | 11734 | 16.6 | 16D | -F | 1 C | | | | | | FD |

SOLAR FLARES
Confirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|--------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMAH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hg | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| GRP42585 | 18 FEB | 0311 | 0334 | 0315 | S14 | E41 | .654 | 11743 | 21.2 | 23 | --N | | | | | | | 4 4 4 4 |
| MANI | 18 | 0305E | 0340 | 0315 | S13 | E40 | .640 | 11743 | 21.1 | 35D | -B | 2 | 0315 | .72 | .94 | | | |
| CRON | 18 | 0310 | 0330 | 0313 | S15 | E40 | .643 | 11743 | 21.1 | 20 | -N | 2 | C | 0313 | .32 | .42 | | |
| VORO | 18 | 0311 | 0334 | 0315 | S12 | E42 | .665 | 11743 | 21.3 | 23 | -F | | C | 0315 | .93 | 1.20 | 72 | DHJ |
| KODA | 18 | 0316 | 0331 | 0317 | S14 | E41 | .654 | 11743 | 21.2 | 15 | -B | | P | 0327 | .84 | .80 | 3.32 | DH |
| GRP42586 | 18 | 0354 | 0403 | 0355 | N08 | E60 | .880 | 11748 | 22.7 | 9 | -N | | | | 1.96 | | | |
| KODA | 18 | 0354 | 0401 | 0355 | N08 | E61 | .888 | 11748 | 22.7 | 7 | 1N | | P | 0401 | 4.26 | 4.20 | 2.24 | E |
| MANI | 18 | 0354E | 0407 | 0355 | N09 | E59 | .874 | 11748 | 22.6 | 13D | -N | 2 | | 0355 | 1.03 | 1.88 | | |
| CRON | 18 | 0355E | 0401 | | N07 | E59 | .870 | 11748 | 22.6 | 6D | -N | 3 | V | | .60 | | | |
| GRP42587 | 18 | 0358 | 0412 | 0406 | S17 | W20 | .374 | 11734 | 16.7 | 14 | --N | | | | .61 | | | |
| MANI | 18 | 0354E | 0407 | 0405 | S17 | W20 | .374 | 11734 | 16.7 | 13D | -N | 2 | | 0405 | .72 | .78 | | |
| CRON | 18 | 0402 | 0413 | 0407 | S17 | W20 | .374 | 11734 | 16.7 | 11 | -N | 2 | C | 0407 | .43 | .46 | | |
| KODA | 18 | 0405E | 0416 | 0405 | S18 | W20 | .381 | 11734 | 16.7 | 11D | -B | | P | 0407 | .69 | .70 | 2.56 | D |
| CRON | 18 | 0405E | 0413 | | S18 | W18 | .354 | 11734 | 16.8 | 8D | -N | 3 | V | | .30 | | | |
| 588 CRON | 18 | 0638E | 0642 | | S16 | E24 | .425 | 11743 | 20.1 | 4D | --N | 3 | V | | .40 | | | |
| 589 ATHN | 18 | 0704 | 0715 | 0705 | S05 | W70 | .937 | 11729 | 13.0 | 11 | --F | 2 | C | | .33 | | | D 3 |
| 590 ATHN | 18 | 0713 | 0731 | 0717 | S16 | W24 | .425 | 11734 | 16.5 | 18 | --N | 2 | C | | .50 | | | D 4 |
| GRP42591 | 18 | 0741 | 0755 | 0749 | S15 | E38 | .617 | 11743 | 21.2 | 14 | --F | | | | .28 | | | |
| CRON | 18 | 0740 | 0753 | 0751 | S14 | E38 | .615 | 11743 | 21.2 | 13 | -F | 2 | C | 0751 | .22 | .27 | | 2 2 2 3 |
| ATHN | 18 | 0742 | 0757 | 0746 | S15 | E38 | .617 | 11743 | 21.2 | 15 | -N | 2 | C | | .33 | | | D |
| CRON | 18 | 0747E | 0752 | | S15 | E38 | .617 | 11743 | 21.2 | 5D | -F | 3 | V | | .40 | | | |
| GRP42593 | 18 | 1026 | 1045 | 1035 | S16 | W25 | .440 | 11734 | 16.6 | 19 | --N | | | | .46 | | | |
| ZURI | 18 | 1019 | 1045 | 1033 | S16 | W25 | .440 | 11734 | 16.6 | 26 | -N | | C | 1033 | .59 | .60 | | 3 3 2 5 |
| KHAR | 18 | 1025E | 1045D | | S16 | W23 | .411 | 11734 | 16.7 | 20D | 1N | | V | 1035 | | | 1.80 | D |
| ATHN | 18 | 1033 | 1045 | 1037 | S16 | W26 | .454 | 11734 | 16.5 | 12 | -N | 2 | C | | .33 | | | D |
| GRP42596 | 18 | 1209 | 1219 | 1213 | S22 | E90 | .999 | 11751 | 25.3 | 10 | -N | | | | | | | |
| RAMY | 18 | 1208E | 1218 | 1213 | S22 | E90 | .999 | 11751 | 25.3 | 10D | -N | 3 | C | | | | | 2 2 0 6 |
| ATHN | 18 | 1210 | 1220 | 1212 | S21 | E90 | .999 | 11751 | 25.3 | 10 | -N | 2 | C | | | | | D |
| GRP42597 | 18 | 1234 | 1244 | 1237 | N07 | E56 | .844 | 11748 | 22.7 | 10 | --N | | | | .30 | | | |
| HUAN | 18 | 1234 | 1243 | 1237 | N07 | E55 | .835 | 11748 | 22.6 | 9 | -F | 2 | C | 1237 | .07 | .13 | | 3 3 3 5 |
| ATHN | 18 | 1236E | 1245 | 1236 | N06 | E55 | .833 | 11748 | 22.6 | 9D | -N | 2 | C | | .33 | | | D |
| CAPS | 18 | 1239E | 1243D | | N07 | E59 | .870 | 11748 | 23.0 | 4D | -N | 2 | V | 1240 | .50 | .90 | | D |
| GRP42600 | 18 | 1359 | 1415 | 1404 | S17 | E88 | .998 | 11751 | 25.2 | 16 | -B | | | | .56 | | | |
| HUAN | 18 | 1355 | 1418 | 1403 | S17 | E90 | .999 | 11751 | 25.3 | 23 | -B | 2 | C | 1403 | .23 | | | 5 5 3 6 |
| MCMA | 18 | 1355 | 1416 | 1404 | S17 | E88 | .998 | 11751 | 25.2 | 21 | -B | | C | 1404 | | | | |
| RAMY | 18 | 1400 | 1421 | 1403 | S18 | E86 | .995 | 11751 | 25.0 | 21 | -N | 3 | C | | | | | D |
| ZURI | 18 | 1401 | 1410 | 1405 | S18 | E89 | .999 | 11751 | 25.3 | 9 | 1B | | C | 1405 | 1.05 | | | |
| MEUD | 18 | 1402 | 1412 | 1404 | S17 | E89 | .999 | 11751 | 25.3 | 10 | -N | | C | 1404 | .41 | | | |
| GRP42602 | 18 | 1519 | 1532 | 1522 | S18 | E88 | .998 | 11751 | 25.2 | 13 | -N | | | | .37 | | | |
| BOUL | 18 | 1517 | 1540 | 1520 | S19 | E84 | .991 | 11751 | 24.9 | 23 | 1N | 2 | C | 1520 | .54 | | | 5 5 3 5 |
| HUAN | 18 | 1518 | 1530 | 1523 | S17 | E90 | .999 | 11751 | 25.4 | 12 | -N | 2 | C | 1523 | .25 | | | |
| RAMY | 18 | 1519 | 1533 | 1523 | S18 | E86 | .995 | 11751 | 25.1 | 14 | -N | 3 | C | | | | | D |
| MEUD | 18 | 1521 | 1527 | 1522 | S17 | E89 | .999 | 11751 | 25.3 | 6 | -F | | C | 1522 | .31 | | | |
| MCMA | 18 | 1523E | 1530D | | S20 | E89 | .998 | 11751 | 25.3 | 7D | -N | | C | 1523 | | | | |
| GRP42603 | 18 | 1535 | 1546 | 1537 | S17 | W27 | .473 | 11734 | 16.6 | 11 | --N | | | | .71 | | | |
| BOUL | 18 | 1535 | 1547 | 1537 | S18 | W26 | .464 | 11734 | 16.7 | 12 | -N | 2 | C | 1537 | .65 | .73 | | 3 3 3 5 |
| RAMY | 18 | 1535 | 1547 | 1538 | S17 | W27 | .473 | 11734 | 16.6 | 12 | -F | 3 | C | | .46 | | | D |
| HUAN | 18 | 1535 | 1543 | 1537 | S17 | W27 | .473 | 11734 | 16.6 | 8 | -N | 2 | C | 1537 | 1.01 | 1.16 | | E |
| GRP42605 | 18 | 1633 | 1648 | 1637 | S17 | W28 | .487 | 11734 | 16.6 | 15 | --F | | | | .30 | | | |
| HUAN | 18 | 1633 | 1643 | 1637U | S17 | W28 | .487 | 11734 | 16.6 | 10 | -F | 1 | P | 1637 | .15 | .18 | | 2 2 2 3 |
| BOUL | 18 | 1633 | 1652 | 1637 | S17 | W27 | .473 | 11734 | 16.7 | 19 | -F | 2 | V | 1637 | .45 | .50 | | E |
| GRP42606 | 18 | 1651 | 1711 | 1655 | S18 | E86 | .995 | 11751 | 25.2 | 20 | -N | | | | .33 | | | |
| BOUL | 18 | 1650 | 1658 | 1652 | S18 | E84 | .991 | 11751 | 25.0 | 8 | -N | 2 | C | 1652 | .43 | | | 4 3 2 4 |
| RAMY | 18 | 1652 | 1728 | 1658 | S18 | E86 | .995 | 11751 | 25.2 | 36 | -F | 3 | C | | | | | D |
| HUAN | 18 | 1652 | 1707D | 1656 | S17 | E89 | .999 | 11751 | 25.4 | 15D | -N | 1 | P | 1656 | .23 | | | |
| LOCK | 18 | 1720 | 1726 | 1722 | S17 | E84 | .991 | 11751 | 25.0 | 6 | -F | | C | | | | | |
| GRP42608 | 18 | 1746 | 1813 | 1750 | S17 | E87 | .996 | 11751 | 25.3 | 27 | --F | | | | .21 | | | |
| HUAN | 18 | 1745 | 1755 | 1750 | S17 | E89 | .999 | 11751 | 25.4 | 10 | -N | 1 | C | 1750 | .12 | | | 2 2 2 4 |
| BOUL | 18 | 1746 | 1830 | 1750 | S17 | E85 | .993 | 11751 | 25.1 | 44 | -F | 3 | V | 1750 | .30 | 1.00 | | |
| GRP42609 | 18 | 1759 | 1812 | 1802 | S16 | W30 | .511 | 11734 | 16.5 | 13 | --F | | | | .27 | | | |
| RAMY | 18 | 1758 | 1812 | 1803 | S15 | W30 | .507 | 11734 | 16.5 | 14 | -F | 3 | C | | .37 | | | 3 3 3 4 |
| BOUL | 18 | 1759 | 1815 | 1801 | S16 | W29 | .497 | 11734 | 16.6 | 16 | -F | 3 | V | 1801 | .35 | .40 | | D |
| HUAN | 18 | 1801 | 1808 | 1803U | S17 | W31 | .528 | 11734 | 16.4 | 7 | -F | 1 | P | 1803 | .10 | .12 | | D |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|-----------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H ₀ | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42611 | 18 | 1908 | 1922 | 1911 | N06 | F44 | .717 | 11748 | 22.1 | 14 | --F | | | | | | 2 2 1 3 | |
| LOCK | 18 | 1907 | 1920 | 1911 | N06 | E43 | .705 | 11748 | 22.0 | 13 | -F | | | | | | | |
| * RAMY | 18 | 1908 | 1924 | 1911 | N05 | E44 | .713 | 11748 | 22.1 | 16 | -N | 3 | C | | | | D | |
| 612 PAMY | 18 | 1954 | 1959 | 1955 | N14 | E53 | .835 | 11748 | 22.8 | 5 | --F | 3 | C | | | | D 2 | |
| 613 PALE | 18 | 2007 | 2012 | 2008 | S16 | W33 | .552 | 11734 | 16.4 | 5 | --F | 2 | C | | | | F 3 | |
| GRP42614 | 18 | 2038 | 2120 | 2050 | S20 | W30 | .528 | 11734 | 16.6 | 42 | --F | | | | | | 2 2 1 2 | |
| LOCK | 18 | 2035 | 2120 | 2050 | S21 | W29 | .521 | 11734 | 16.7 | 45 | -F | | | | | | | |
| PALE | 18 | 2040 | 2057 | 2049 | S18 | W30 | .519 | 11734 | 16.6 | 170 | -N | 2 | C | | | | F | |
| 615 PALE | 18 | 2043 | 2047 | 2044 | N15 | E52 | .829 | 11748 | 22.8 | 4 | --N | 3 | C | | | | 2 | |
| GRP42616 | 18 | 2133 | 2150 | 2136 | S13 | E31 | .517 | 11743 | 21.2 | 17 | -B | | | | | | 2 2 2 2 | |
| PALE | 18 | 2133 | 2150 | 2136 | S12 | E30 | .500 | 11743 | 21.1 | 17 | -B | 3 | C | | | | UF | |
| RAMY | 18 | 2133E | 2138D | 2136 | S13 | E31 | .517 | 11743 | 21.2 | 50 | -B | 2 | C | | | | U | |
| GRP42617 | 18 | 2137 | 2144 | 2140 | N15 | E52 | .829 | 11748 | 22.8 | 7 | -N | | | | | | 2 2 1 2 | |
| PALE | 18 | 2137 | 2144 | 2140 | N14 | E50 | .807 | 11748 | 22.7 | 7 | -N | 3 | C | | | | | |
| RAMY | 18 | 2138E | 2138D | | N15 | E53 | .838 | 11748 | 22.9 | | -N | 1 | C | | | | D | |
| | 18 | 2201 | 2206 | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 18 | 2212 | 2225 | NO FLARE PATROL | | | | | | | | | | | | | | |
| 618 PALE | 18 | 2225 | 2232 | 2227 | N07 | E51 | .796 | 11748 | 22.8 | 70 | --F | 3 | C | | | | 2 | |
| 619 PALE | 18 | 2234E | 2239 | 2236 | N03 | E48 | .754 | 11748 | 22.5 | 50 | --N | 3 | C | | | | 2 | |
| 620 PALE | 18 | 2257 | 2301 | 2259 | N15 | E50 | .811 | 11748 | 22.7 | 4 | --N | 3 | C | | | | 2 | |
| | 18 | 2310 | 2340 | NO FLARE PATROL | | | | | | | | | | | | | | |
| 621 MANI | 18 | 2320 | 2334 | 2328 | S13 | W18 | .321 | 11734 | 17.6 | 14 | --F | 2 | | 2328 | .41 | .44 | 1 | |
| 622 PALE | 19 | 0009E | 0014 | 0011 | N08 | E46 | .746 | 11748 | 22.5 | 50 | --F | 1 | C | | | | F 2 | |
| GRP42623 | 19 | 0017 | 0026 | 0019 | N14 | E51 | .817 | 11748 | 22.8 | 9 | --B | | | | | | 2 2 2 2 | |
| CRON | 19 | 0017 | 0026 | 0019 | N12 | E51 | .810 | 11748 | 22.8 | 9 | -N | 2 | C | 0019 | .55 | .92 | | |
| PALE | 19 | 0018E | 0026 | 0018 | N15 | E50 | .811 | 11748 | 22.8 | 80 | -B | 2 | C | | | | F | |
| 624 PALE | 19 | 0018E | 0023 | 0018 | N07 | E40 | .673 | 11748 | 22.0 | 50 | --F | 1 | C | | | | F 2 | |
| GRP42625 | 19 | 0154 | 0206 | 0157 | N11 | E42 | .713 | 11748 | 22.2 | 12 | --N | | | | | | 3 3 3 4 | |
| PALE | 19 | 0151 | 0204 | 0155 | N11 | E43 | .724 | 11748 | 22.3 | 13 | -N | 2 | C | | | | D | |
| MANI | 19 | 0155 | 0212 | 0159 | N13 | E42 | .722 | 11748 | 22.2 | 17 | -N | 2 | | 0159 | .41 | .61 | | |
| CRON | 19 | 0155E | 0201 | | N09 | E41 | .693 | 11748 | 22.2 | 60 | -F | 3 | V | | | | | |
| GRP42627 | 19 | 0325 | 0338 | 0327 | N07 | E37 | .636 | 11748 | 21.9 | 13 | -B | | | | | | 3 3 3 5 | |
| PALE | 19 | 0325 | 0341 | 0327 | N08 | E38 | .653 | 11748 | 22.0 | 16 | -B | 2 | C | | | | FH | |
| CRON | 19 | 0325 | 0337 | 0328 | N05 | E37 | .627 | 11748 | 21.9 | 12 | -B | 2 | C | 0328 | .86 | 1.11 | | |
| KODA | 19 | 0326 | 0336 | 0327 | N07 | E37 | .636 | 11748 | 21.9 | 10 | 1B | | P | 0326 | 2.90 | 2.90 | 3.80 | |
| GRP42628 | 19 | 0326 | 0350 | 0333 | S19 | E83 | .988 | 11751 | 25.4 | 24 | 1N | | | | | | 4 3 2 5 | |
| CRON | 19 | 0325 | 0345 | 0330 | S22 | E80 | .979 | 11751 | 25.1 | 20 | -N | | | 0330 | | 500.00 | | |
| CULG | 19 | 0326 | 0400 | 0334 | S19 | E84 | .990 | 11751 | 25.4 | 34 | 1N | | | 0334 | .72 | | | |
| PALE | 19 | 0326 | 0345 | 0334 | S17 | E84 | .991 | 11751 | 25.4 | 19 | 1N | 2 | C | | 1.08 | | | |
| PALE | 19 | 0326 | 0345 | 0330 | S17 | E84 | .991 | 11751 | 25.4 | 19 | 1N | 2 | C | | .81 | | F | |
| MANI | 19 | 0342E | 0358 | 0342 | S15 | E83 | .989 | 11751 | 25.4 | 160 | 1N | 2 | | 0342 | 1.65 | 4.50 | | |
| GRP42630 | 19 | 0445 | 0510 | 0455 | S18 | W35 | .585 | 11734 | 16.6 | 25 | --N | | | | | | 2 1 1 3 | |
| MANI | 19 | 0445 | 0510 | 0455 | S18 | W35 | .585 | 11734 | 16.6 | 25 | -N | 2 | | 0455 | .72 | .90 | | |
| CRON | 19 | 0449 | 0500 | 0521 | S19 | W34 | .576 | 11734 | 16.7 | 11 | -N | 2 | C | 0521 | .22 | .26 | | |
| GRP42631 | 19 | 0621 | 0636 | 0624 | N07 | E36 | .623 | 11748 | 22.0 | 15 | --N | | | | | | 4 4 3 5 | |
| MANI | 19 | 0620 | 0650 | 0623 | N08 | E35 | .615 | 11748 | 21.9 | 30 | -N | 2 | | 0623 | 1.24 | 1.57 | | |
| CRON | 19 | 0622E | 0631 | 0623 | N06 | E38 | .644 | 11748 | 22.1 | 90 | -N | 3 | V | 0623 | .40 | | | |
| KODA | 19 | 0622 | 0634 | 0627 | N07 | E36 | .623 | 11748 | 22.0 | 12 | -N | | | 0627 | | | 1.76 | |
| ATHN | 19 | 0623E | 0629 | 0623 | N06 | E35 | .605 | 11748 | 21.9 | 60 | -F | 3 | C | | .50 | | D | |
| GRP42632 | 19 | 0740 | 0759 | 0743 | N07 | E34 | .597 | 11748 | 21.9 | 19 | --F | | | | | | 2 2 2 5 | |
| MANI | 19 | 0740 | 0800 | 0743 | N08 | E34 | .603 | 11748 | 21.9 | 20 | -N | 2 | | 0743 | .48 | .79 | | |
| ATHN | 19 | 0741E | 0757 | 0742 | N06 | E34 | .592 | 11748 | 21.9 | 160 | -F | 3 | C | | .33 | | D | |

SOLAR FLARES
Confirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|---|-------------|-------|------|------------|----------|------------|------------------|----------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|-------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MC MATH FLARE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | |
| | 1972 | | | | | | | | | | | | | | | | | | |
| | FEB | | | | | | | | | | | | | | | | | | |
| GRP42651 | 19 | 1627 | 1632 | 1628 | N09 | E29 | .545 | 11748 | 21.9 | 5 | --N | | | | | | 4 4 2 4 | | |
| LOCK | 19 | 1626 | 1633 | 1628 | N08 | E27 | .512 | 11748 | 21.7 | 7 | -N | | | | | | | | |
| RAMY | 19 | 1627 | 1632 | 1627 | N09 | E29 | .545 | 11748 | 21.9 | 5 | -N | 3 | C | | .28 | | D | | |
| HUAN | 19 | 1627 | 1630 | 1628 | N08 | E29 | .538 | 11748 | 21.9 | 3 | -N | 1 | C | 1628 | .41 | .49 | E | | |
| CANR | 19 | 1627 | 1633 | | N09 | E29 | .545 | 11748 | 21.9 | 6 | -N | 2 | V | 1627 | | | | | |
| GRP42652 | 19 | 1753 | 1810 | 1758 | S21 | E77 | .968 | 11751 | 25.5 | 17 | --F | | | | | .27 | | 3 3 1 4 | |
| LOCK | 19 | 1750 | 1815 | 1756 | S21 | E78 | .972 | 11751 | 25.6 | 25 | -F | | | | | | | | |
| RAMY | 19 | 1755 | 1809 | 1759 | S19 | E76 | .964 | 11751 | 25.4 | 140 | -F | 2 | C | | | | D | | |
| PALE | 19 | 1755 | 1806 | 1758 | S22 | E78 | .972 | 11751 | 25.6 | 11 | -F | 2 | C | | | .27 | | F | |
| GRP42653 | 19 | 1834 | 1903 | 1843 | N07 | E36 | .623 | 11748 | 22.5 | 29 | 1N | | | | | 1.81 | | 5 5 3 5 | |
| LOCK | 19 | 1830 | 1905 | 1842 | N06 | E35 | .605 | 11748 | 22.4 | 35 | 1N | | | | | | | | |
| PALE | 19 | 1832 | 1902 | 1842 | N07 | E36 | .623 | 11748 | 22.5 | 30 | 1B | 3 | C | | 1.90 | | | FH | |
| BOUL | 19 | 1836 | 1900 | 1846 | N09 | E37 | .645 | 11748 | 22.5 | 24 | 1N | 2 | V | 1846 | | 3.10 | | | |
| HUAN | 19 | 1836 | 1843 | | N07 | E35 | .610 | 11748 | 22.4 | 70 | 1N | 1 | P | 1842 | 1.96 | 2.45 | | E | |
| RAMY | 19 | 1838 | 1906 | 1842 | N05 | E35 | .601 | 11748 | 22.4 | 280 | -B | 2 | C | | 1.58 | | | F | |
| GRP42654 | 19 | 1910 | 1920 | 1913 | N10 | E29 | .552 | 11748 | 22.0 | 10 | --F | | | | | .45 | | 2 2 1 3 | |
| PALE | 19 | 1910 | 1919 | 1912 | N10 | E29 | .552 | 11748 | 22.0 | 9 | -N | 3 | C | | | .45 | | F | |
| LOCK | 19 | 1910 | 1920 | 1914 | N09 | E28 | .532 | 11748 | 21.9 | 10 | -F | | | | | | | | |
| 5 STATIONS REPORTING GROUP 42655. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | | |
| GRP42655 | 19 | 1936 | 2007 | 1948 | N06 | E33 | .579 | 11748 | 22.3 | 31 | --N | | | | | .65 | | 5 5 3 5 | |
| PALE | 19 | 1933 | 2003 | 1945 | N08 | E38 | .653 | 11748 | 22.7 | 30 | -N | 3 | C | | | .72 | | | |
| BOUL | 19 | 1935 | 2012 | 1951 | N06 | E33 | .579 | 11748 | 22.3 | 37 | -N | 2 | V | 1951 | | 2.50 | | | |
| RAMY | 19 | 1935 | 2003 | 1951 | N08 | E38 | .653 | 11748 | 22.7 | 28 | -N | 2 | C | | | .37 | | | |
| RAMY | 19 | 1936 | 2007 | 1942 | N05 | E30 | .534 | 11748 | 22.1 | 31 | -N | 2 | C | | | .65 | | D | |
| LOCK | 19 | 1940 | 2010 | 1955 | N06 | E31 | .553 | 11748 | 22.1 | 30 | -F | | | | | | | | |
| HUAN | 19 | 1949 | 2003 | | N06 | E30 | .539 | 11748 | 22.1 | 140 | -N | 1 | P | 1952 | .57 | .67 | | E | |
| 42655 | 19 | 1933 | 2003 | 1937 | N08 | E38 | .653 | 11748 | 22.7 | 30 | *-N | | | | | .50 | | 2 2 2 3 | |
| PALE | 19 | 1933 | 2003 | 1937 | N08 | E38 | .653 | 11748 | 22.7 | 30 | -N | 3 | C | | | .72 | | F | |
| RAMY | 19 | 1935 | 2003 | 1937 | N08 | E38 | .653 | 11748 | 22.7 | 28 | -N | 2 | C | | | .28 | | D | |
| 656 PALE | 19 | 1937 | 1947 | 1939 | S14 | E11 | .223 | 11743 | 20.6 | 10 | --F | 3 | C | | | .19 | | F | |
| GRP42659 | 19 | 2034 | 2058 | 2038 | N18 | W71 | .963 | 11733 | 14.5 | 24 | -N | | | | | .78 | | 2 2 2 4 | |
| PALE | 19 | 2033 | 2053 | 2037 | N18 | W72 | .967 | 11733 | 14.5 | 20 | -N | 3 | C | | | .63 | | F | |
| RAMY | 19 | 2035 | 2102 | 2038 | N17 | W70 | .957 | 11733 | 14.6 | 27 | -N | 2 | C | | | .93 | | D | |
| GRP42661 | 19 | 2051 | 2105 | 2055 | S18 | W43 | .686 | 11734 | 16.6 | 14 | --N | | | | | .60 | | 2 2 2 4 | |
| RAMY | 19 | 2051 | 2103 | 2055 | S17 | W44 | .696 | 11734 | 16.6 | 12 | -N | 2 | C | | | .56 | | D | |
| PALE | 19 | 2051 | 2107 | 2054 | S18 | W42 | .674 | 11734 | 16.7 | 16 | -N | 3 | C | | | .63 | | F | |
| GRP42663 | 19 | 2154 | 2202 | 2158 | N09 | E26 | .507 | 11748 | 21.9 | 8 | --F | | | | | .19 | | 2 2 1 3 | |
| PALE | 19 | 2153 | 2201 | 2158 | N08 | E26 | .499 | 11748 | 21.9 | 80 | -N | 3 | C | | | .19 | | FH | |
| LOCK | 19 | 2155 | 2202 | 2158 | N10 | E25 | .502 | 11748 | 21.8 | 7 | -F | | | | | | | H | |
| GRP42664 | 19 | 2257 | 2316 | 2300 | N06 | E29 | .526 | 11748 | 22.1 | 19 | --F | | | | | 1.16 | | 5 5 4 5 | |
| LOCK | 19 | 2252 | 2320 | 2256 | N06 | E28 | .512 | 11748 | 22.1 | 28 | -F | | | | | | | | |
| PALE | 19 | 2253 | 2312 | 2301 | N06 | E29 | .526 | 11748 | 22.1 | 19 | -N | 3 | C | | | 1.35 | | F | |
| MANI | 19 | 2255 | 2320 | 2259 | N05 | E28 | .506 | 11748 | 22.1 | 250 | -F | 2 | C | 2259 | .83 | .95 | | | |
| CRON | 19 | 2300 | 2313 | | N05 | E29 | .520 | 11748 | 22.1 | 13 | -F | 2 | V | | .80 | | | | |
| VORO | 19 | 2303 | 2314 | | N08 | E29 | .538 | 11748 | 22.1 | 11 | -F | | | | | 1.66 | 1.90 | 79 | EJ |
| GRP42665 | 19 | 2314 | 2323 | 2316 | N08 | E25 | .486 | 11748 | 21.8 | 9 | --F | | | | | .51 | | 2 2 2 4 | |
| PALE | 19 | 2313 | 2326 | 2316 | N07 | E25 | .479 | 11748 | 21.8 | 13 | -F | 3 | C | | | .27 | | H | |
| VORO | 19 | 2315 | 2319 | 2315 | N08 | E25 | .486 | 11748 | 21.8 | 4 | -F | | | | | .74 | .80 | 80 | D |
| GRP42667 | 19 | 2344 | 0002 | 2350 | N06 | E28 | .512 | 11748 | 22.1 | 18 | --F | | | | | .91 | | 3 3 3 3 | |
| CRON | 19 | 2343 | 0005 | 2359 | N05 | E29 | .520 | 11748 | 22.2 | 160 | -F | 3 | V | | | .85 | | | |
| VORO | 19 | 2344 | 0005 | 2348 | N08 | E28 | .525 | 11748 | 22.1 | 21 | -F | | | | | 1.47 | 1.70 | 74 | EJ |
| PALE | 19 | 2351 | 2352 | 2352 | N06 | E28 | .512 | 11748 | 22.1 | 10 | -N | 1 | C | | | .42 | | | |
| GRP42668 | 20 | 0000 | 0008 | 0004 | S18 | W36 | .598 | 11734 | 17.3 | 8 | --F | | | | | .84 | | 3 3 3 5 | |
| PALE | 19 | 2359 | 0007 | 0002 | S18 | W35 | .585 | 11734 | 17.4 | 8 | -F | 3 | C | | | .83 | | U | |
| CRON | 20 | 0000 | 0009 | | S17 | W36 | .595 | 11734 | 17.3 | 9 | -F | 3 | V | | | .50 | | | |
| VORO | 20 | 0001 | 0008 | 0005 | S18 | W36 | .598 | 11734 | 17.3 | 7 | -F | | | | | 1.20 | 1.50 | 63 | E |
| 4 STATIONS REPORTING GROUP 42669. 2 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | | |
| GRP42669 | 20 | 0048 | 0114 | 0057 | N07 | E26 | .492 | 11748 | 22.0 | 26 | -N | | | | | .87 | | 4 4 4 6 | |
| CRON | 20 | 0041 | 0116 | 0052 | N06 | E27 | .499 | 11748 | 22.1 | 35 | -N | 3 | V | | | .80 | | | |
| VORO | 20 | 0049 | 0119 | 0059 | N08 | E27 | .512 | 11748 | 22.1 | 30 | -F | | | | | 1.29 | 1.50 | 69 | EFHJK |
| MANI | 20 | 0053 | 0115 | 0057 | N07 | E23 | .452 | 11748 | 21.8 | 22 | -N | 2 | C | 0053 | | .41 | .46 | | |
| PALE | 20 | 0058 | 0107 | 0058 | N07 | E27 | .505 | 11748 | 22.1 | 90 | -N | 2 | C | 0057 | | .99 | | | F |

20
Feb 72

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|-------------|-------------|-------|-------|------------|--------------|------------|------------------|---------------------|------------------|----------------------|--------------------|--------------|---------|---------------------|---------------------|-----------------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | | | | CMP DAY | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | | MAX. INT. % |
| | 1972 | | | | | | | | | | | | | | | | | |
| | FEB | | | | | | | | | | | | | | | | | |
| 42669 | 20 | 0041 | 0118 | 0048 | N05 | E28 | .506 | 11748 | 22.1 | 37 | *-N | | | | | | 2 2 2 5 | |
| CRON | 20 | 0041 | 0116 | 0045 | N05 | E28 | .506 | 11748 | 22.1 | 35 | -N | 3 | V | | | | | |
| MANI | 20 | 0043 | 0120 | 0050 | N05 | E28 | .506 | 11748 | 22.1 | 37 | -N | 2 | | 0050 | .69 | .71 | | |
| | | | | | | | | | | | | | | | | | | |
| 42669 | 20 | 0115 | 0120 | 0117 | N10 | E24 | .490 | 11748 | 21.9 | 5 | *-F | | | | | | 2 2 2 6 | |
| PALE | 20 | 0115E | 0119 | 0116 | N09 | E24 | .481 | 11748 | 21.9 | 4D | -F | 2 | C | | .74 | | | |
| VORO | 20 | 0115 | 0120 | 0118 | N11 | E23 | .487 | 11748 | 21.8 | 5 | -F | | C | 0118 | .55 | 1.00 | 69 | |
| | | | | | | | | | | | | | | | | | | |
| GRP42671 | 20 | 0147 | 0203 | 0152 | N07 | E24 | .465 | 11748 | 21.9 | 16 | -N | | | | .84 | | 3 3 3 6 | |
| MANI | 20 | 0145 | 0215 | 0158 | N06 | E24 | .458 | 11748 | 21.9 | 30 | -N | 2 | C | 0158 | .41 | .47 | | |
| PALE | 20 | 0148 | 0159 | 0148 | N07 | E24 | .465 | 11748 | 21.9 | 11 | -N | 2 | C | | 1.08 | | F | |
| VORO | 20 | 0149 | 0155 | 0151 | N08 | E24 | .473 | 11748 | 21.9 | 6 | -F | | C | 0151 | 1.02 | 1.10 | 73 | |
| | | | | | | | | | | | | | | | | | | |
| GRP42673 | 20 | 0335 | 0356 | 0338 | N09 | E24 | .481 | 11748 | 21.9 | 21 | --N | | | | .46 | | 2 2 2 4 | |
| MANI | 20 | 0334 | 0410 | 0338 | N09 | E23 | .469 | 11748 | 21.9 | 36 | -N | 2 | C | 0338 | .62 | .70 | | |
| CRON | 20 | 0336 | 0341 | 0337 | N08 | E24 | .473 | 11748 | 22.0 | 5 | -N | 3 | V | 0337 | .30 | | | |
| | | | | | | | | | | | | | | | | | | |
| 677 | TEHR | 20 | 0617 | 0643 | 0621 | N07 | E35 | .610 | 11748 | 22.9 | 26 | --N | 3 | C | | .19 | | FH 3 |
| 678 | TEHR | 20 | 0649 | 0655 | 0651 | N07 | E46 | .743 | 11748 | 23.7 | 6 | --F | 3 | C | | .09 | | D 3 |
| 679 | TEHR | 20 | 0650 | 0705 | 0655 | S18 | W36 | .598 | 11734 | 17.6 | 15 | --F | 3 | C | | .09 | | D 3 |
| 680 | TEHR | 20 | 0650 | 0716 | 0706 | S14 | W36 | .588 | 11734 | 17.6 | 26 | --F | 3 | C | | .09 | | D 3 |
| | | | | | | | | | | | | | | | | | | |
| GRP42681 | 20 | 0651 | 0724 | 0657 | N05 | E24 | .451 | 11748 | 22.1 | 33 | --N | | | | .59 | | 3 2 2 3 | |
| MANI | 20 | 0650 | 0730 | 0658 | N04 | E23 | .430 | 11748 | 22.0 | 40 | -N | 2 | C | 0658 | .83 | .91 | | |
| CRON | 20 | 0652 | 0707 | 0655 | N06 | E24 | .458 | 11748 | 22.1 | 15 | -N | 3 | V | 0655 | .35 | | | |
| TEHR | 20 | 0710 | 0721 | 0713 | N07 | E35 | .610 | 11748 | 22.9 | 11 | -F | 3 | C | | .09 | | DH | |
| TEHR | 20 | 0725 | 0735 | 0730 | N08 | E35 | .616 | 11748 | 22.9 | 10 | -F | 3 | C | | .19 | | FH | |
| | | | | | | | | | | | | | | | | | | |
| GRP42682 | 20 | 0744 | 0759 | 0747 | N08 | E26 | .499 | 11748 | 22.3 | 15 | --N | | | | .61 | | 4 3 3 4 | |
| MANI | 20 | 0743 | 0810 | 0749 | N09 | E21 | .444 | 11748 | 21.9 | 27 | -N | 2 | C | 0749 | .83 | .92 | | |
| TEHR | 20 | 0743E | 0752 | 0745 | N07 | E34 | .598 | 11748 | 22.9 | 9D | -N | 4 | C | | .46 | | FH | |
| CRON | 20 | 0745 | 0754 | 0747 | N09 | E22 | .456 | 11748 | 22.0 | 9 | -N | 2 | C | 0747 | .54 | .60 | | |
| ARCE | 20 | 0755E | 0848D | | N14 | E31 | .605 | 11748 | 22.7 | 53D | -F | C | C | 0810 | .34 | .50 | | |
| ARCE | 20 | 0755E | 0810D | | N08 | E30 | .551 | 11748 | 22.6 | 15D | -F | C | C | 0800 | .15 | .20 | TI | |
| ARCE | 20 | 0805E | 0835D | | N04 | E34 | .583 | 11748 | 22.9 | 30D | -F | C | C | 0810 | .55 | .70 | | |
| | | | | | | | | | | | | | | | | | | |
| GRP42684 | 20 | 0842 | 0906 | 0848 | N08 | E21 | .435 | 11748 | 21.9 | 24 | --F | | | | .31 | | 3 2 2 7 | |
| MANI | 20 | 0842E | 0906 | 0849 | N07 | E21 | .426 | 11748 | 21.9 | 24D | -F | 2 | C | 0849 | .21 | .23 | | |
| TEHR | 20 | 0844 | 0852 | 0846 | N09 | E34 | .608 | 11748 | 22.9 | 8 | -N | 3 | C | | .19 | | FH | |
| ARCE | 20 | 0848E | 0856D | | N09 | E20 | .432 | 11748 | 21.9 | 80 | -F | C | C | 0852 | .40 | .40 | H | |
| | | | | | | | | | | | | | | | | | | |
| GRP42685 | 20 | 0901 | 0911 | 0904 | N06 | E21 | .417 | 11748 | 22.0 | 10 | --N | | | | .72 | | 5 5 4 7 | |
| MANI | 20 | 0859 | 0915 | 0905 | N05 | E19 | .382 | 11748 | 21.8 | 16 | -N | 2 | C | 0905 | 1.03 | 1.12 | | |
| ISTA | 20 | 0900 | 0907 | 0903 | N06 | E21 | .417 | 11748 | 22.0 | 7 | -N | | | | | | | |
| CATA | 20 | 0900 | 0915 | 0900 | N05 | E20 | .395 | 11748 | 21.9 | 15 | -N | C | C | 0900 | .75 | .82 | 166 | |
| CRON | 20 | 0902 | 0907 | 0904 | N06 | E24 | .458 | 11748 | 22.2 | 5 | -N | 3 | V | 0904 | .50 | | | |
| ARCE | 20 | 0902E | 0902D | | N07 | E20 | .413 | 11748 | 21.9 | | -F | P | P | 0902 | .61 | .70 | H | |
| | | | | | | | | | | | | | | | | | | |
| 691 | CAPS | 20 | 1038E | 1049D | S15 | W09 | .206 | 11743 | 19.8 | 11D | --N | 1 | S | 1038 | 1.00 | 1.00 | 161 | |
| | | | | | | | | | | | | | | | | | | |
| GRP42693 | 20 | 1142 | 1158 | 1146 | N09 | E20 | .432 | 11748 | 22.0 | 16 | --N | | | | .36 | | 2 2 2 6 | |
| CATA | 20 | 1140 | 1150D | 1145 | N09 | E20 | .432 | 11748 | 22.0 | 10D | -N | | P | 1145 | .40 | .45 | 184 | |
| RAMY | 20 | 1144 | 1158 | 1147 | N08 | E19 | .409 | 11748 | 21.9 | 14 | -N | 2 | C | | .31 | | D | |
| | | | | | | | | | | | | | | | | | | |
| GRP42698 | 20 | 1302 | 1315 | 1307 | N08 | E24 | .473 | 11748 | 22.3 | 13 | --B | | | | .28 | | 2 2 2 4 | |
| RAMY | 20 | 1300 | 1320 | 1307 | N08 | E28 | .525 | 11748 | 22.6 | 20 | -N | 3 | C | | .21 | | D | |
| RAMY | 20 | 1300 | 1320 | 1307 | N07 | E23 | .452 | 11748 | 22.3 | 20 | -F | 3 | C | | .15 | | DH | |
| CANR | 20 | 1304 | 1310 | | N09 | E23 | .469 | 11748 | 22.3 | 6 | -B | 2 | V | 1305 | .20 | .20 | | |
| | | | | | | | | | | | | | | | | | | |
| GRP42699 | 20 | 1404 | 1413 | 1409 | S19 | W50 | .766 | 11734 | 16.8 | 9 | --N | | | | .54 | | 3 3 3 5 | |
| RAMY | 20 | 1401 | 1413 | 1409 | S18 | W52 | .785 | 11734 | 16.7 | 12 | -N | 3 | C | | .41 | | D | |
| MCMA | 20 | 1407 | 1413 | 1409 | S20 | W52 | .788 | 11734 | 16.7 | 6 | -N | C | C | 1409 | .52 | .80 | E | |
| CAPS | 20 | 1408E | 1412D | | S20 | W45 | .713 | 11734 | 17.2 | 4D | -B | 3 | V | 1409 | .70 | 1.00 | 204 | |
| | | | | | | | | | | | | | | | | | | |
| GRP42700 | 20 | 1448 | 1528 | 1455 | S23 | E66 | .908 | 11751 | 25.6 | 40 | --F | | | | .47 | | 2 2 2 5 | |
| MCMA | 20 | 1448 | 1535D | 1453 | S23 | E65 | .901 | 11751 | 25.5 | 47D | -N | | C | 1453 | .62 | 1.50 | E | |
| RAMY | 20 | 1448 | 1520 | 1456 | S23 | E67 | .914 | 11751 | 25.6 | 32 | -F | 3 | C | | .31 | | D | |
| | | | | | | | | | | | | | | | | | | |
| GRP42702 | 20 | 1558 | 1625 | 1601 | S17 | E03 | .181 | 11743 | 20.9 | 27 | --N | | | | .41 | | 2 1 1 6 | |
| RAMY | 20 | 1558 | 1625 | 1601 | S17 | E03 | .181 | 11743 | 20.9 | 27 | -N | 3 | C | | .41 | | D | |
| MCMA | 20 | 1600 | 1612 | 1602 | S06 | E03 | .055 | 11743 | 20.9 | 12 | -N | | C | 1602 | .41 | .50 | D | |
| | | | | | | | | | | | | | | | | | | |
| GRP42703 | 20 | 1622 | 1643 | 1628 | N05 | E19 | .382 | 11748 | 22.1 | 21 | -N | | | | .96 | | 3 3 2 3 | |
| RAMY | 20 | 1622 | 1640 | 1628 | N05 | E19 | .382 | 11748 | 22.1 | 18 | -N | 3 | C | | .62 | | D | |
| LOCK | 20 | 1622 | 1642 | 1625 | N05 | E19 | .382 | 11748 | 22.1 | 20 | -N | | C | | | | | |
| MCMA | 20 | 1623 | 1648 | 1630 | N06 | E19 | .391 | 11748 | 22.1 | 25 | -B | | C | 1630 | 1.29 | 1.40 | E | |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|------------|--------------|--------------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | APPROX. MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | |
| 704 LOCK | 1972 FEB 20 | 1645 | 1700 | 1652 | S15 | E57 | .833 | 11751 | 25.0 | 15 | --F | C | | | | | | 3 |
| 705 RAMY | 20 | 1652 | 1715 | 1655 | N12 | E25 | .519 | 11748 | 22.6 | 23 | --F | 3 C | | .21 | | | | D 3 |
| GRP42706 | 20 | 1726 | 1735 | 1727 | S17 | E01 | .174 | 11743 | 20.8 | 9 | --F | | | .46 | | | | 2 2 1 4 |
| RAMY | 20 | 1725 | 1736 | 1726 | S17 | E01 | .174 | 11743 | 20.8 | 11 | -N | 3 C | | .46 | | | | F |
| LOCK | 20 | 1726 | 1733 | 1728 | S17 | E00 | .173 | 11743 | 20.7 | 7 | -F | C | | | | | | |
| GRP42709 | 20 | 1905 | 1921 | 1908 | N08 | E14 | .350 | 11748 | 21.8 | 16 | --N | | | .57 | | | | 5 5 4 5 |
| RAMY | 20 | 1901 | 1925 | 1906 | N07 | E14 | .338 | 11748 | 21.8 | 24 | -N | 2 C | | .41 | | | | DH |
| LOCK | 20 | 1905 | 1920 | 1908 | N08 | E13 | .339 | 11748 | 21.8 | 15 | -F | C | | | | | | H |
| MCMA | 20 | 1906 | 1920 | 1909 | N08 | E14 | .350 | 11748 | 21.8 | 14 | -N | C | 1909 | .62 | .70 | | | EH |
| PALE | 20 | 1906 | 1919 | 1908 | N08 | E14 | .350 | 11748 | 21.8 | 13 | -N | 3 C | | .99 | | | | FH |
| HUAN | 20 | 1910E | 1915D | | N08 | E13 | .339 | 11748 | 21.8 | 5D | -F | 1 P | 1910 | .26 | .27 | | | C |
| GRP42710 | 20 | 1911 | 2016 | 1917 | S23 | E62 | .879 | 11751 | 25.4 | 65 | 1N | | | 1.15 | | | | 5 5 4 5 |
| LOCK | 20 | 1910 | 2030 | 1920 | S24 | E62 | .880 | 11751 | 25.4 | 80 | 1F | C | | | | | | |
| HUAN | 20 | 1911 | 1915D | | S22 | E63 | .886 | 11751 | 25.5 | 4D | -N | 1 P | 1915 | .98 | 2.07 | | | |
| PALE | 20 | 1912 | 1954 | 1916 | S22 | E64 | .893 | 11751 | 25.6 | 42 | 1B | 3 C | | 1.90 | | | | |
| MCMA | 20 | 1912 | 2007D | 1916 | S22 | E61 | .871 | 11751 | 25.4 | 55D | 1B | C | 1916 | 1.29 | 2.50 | | | F |
| RAMY | 20 | 1912 | 2031D | 1916 | S23 | E62 | .879 | 11751 | 25.4 | 79D | -B | 2 C | | .41 | | | | UF |
| RAMY | 20 | 1912 | 2031D | 1939 | S23 | E62 | .879 | 11751 | 25.4 | 79D | -B | 2 C | | .93 | | | | |
| GRP42711 | 20 | 2012 | 2028 | 2014 | S12 | W17 | .300 | 11743 | 19.6 | 16 | --F | | | .60 | | | | 2 2 2 3 |
| RAMY | 20 | 2011 | 2031D | | S12 | W17 | .300 | 11743 | 19.6 | 20D | -N | 3 C | | .83 | | | | F |
| PALE | 20 | 2012 | 2024 | 2014 | S11 | W16 | .281 | 11743 | 19.6 | 12 | -F | 3 C | | .36 | | | | F |
| GRP42712 | 20 | 2224 | 2236 | 2229 | N08 | E18 | .397 | 11748 | 22.3 | 12 | --F | | | .52 | | | | 3 3 1 4 |
| LOCK | 20 | 2220 | 2242 | 2224 | N05 | E16 | .342 | 11748 | 22.1 | 22 | -F | C | | | | | | |
| LOCK | 20 | 2227 | 2237 | 2230 | N08 | E11 | .319 | 11748 | 21.8 | 10 | -F | C | | | | | | |
| BOUL | 20 | 2228 | 2235 | 2229 | N10 | E23 | .478 | 11748 | 22.7 | 7 | -F | 3 V | | | | | | |
| PALE | 20 | 2232E | 2234D | 2233 | N07 | E17 | .375 | 11748 | 22.2 | 2D | -F | 3 C | | .52 | | | | F |
| 713 PALE | 20 | 2247E | 2254 | 2247 | N15 | E25 | .547 | 11748 | 22.8 | 7D | --F | 3 C | | .36 | | | | F 3 |
| 714 PALE | 20 | 2247E | 2300 | 2247 | N06 | E17 | .365 | 11748 | 22.2 | 13D | --F | 3 C | | .27 | | | | F 3 |
| GRP42718 | 21 | 0039 | 0044 | 0042 | S17 | E53 | .795 | 11751 | 25.0 | 5 | -N | | | .70 | | | | 3 3 3 5 |
| CRON | 21 | 0038 | 0044 | 0042 | S20 | E52 | .788 | 11751 | 24.9 | 6 | -N | 2 C | 0042 | .43 | | | | |
| MITK | 21 | 0039 | 0044 | 0042 | S17 | E52 | .784 | 11751 | 24.9 | 5 | -N | C | 0042 | .83 | 1.30 | | | D |
| VORO | 21 | 0040 | 0043 | 0041 | S15 | E55 | .813 | 11751 | 25.2 | 3 | -F | C | 0041 | .84 | 1.40 | | | DH |
| GRP42720 | 21 | 0110 | 0129 | 0118 | N07 | E14 | .339 | 11748 | 22.1 | 19 | --F | | | .74 | | | | 3 3 3 6 |
| MITK | 21 | 0104 | 0128 | 0115 | N07 | E14 | .339 | 11748 | 22.1 | 24 | -F | C | 0115 | .93 | 1.00 | | | D |
| VORO | 21 | 0115 | 0129 | 0117 | N08 | E15 | .362 | 11748 | 22.2 | 14 | -F | C | 0117 | .93 | 1.00 | | | D |
| PALE | 21 | 0123E | 0123D | 0123 | N07 | E13 | .327 | 11748 | 22.0 | | -F | 2 C | | .36 | | | | F |
| GRP42721 | 21 | 0135 | 0146 | 0138 | N05 | E15 | .329 | 11748 | 22.2 | 11 | --N | | | .64 | | | | 3 3 3 7 |
| CRON | 21 | 0134 | 0144 | 0136 | N05 | E15 | .329 | 11748 | 22.2 | 10 | -N | 2 C | 0136 | .43 | .46 | | | |
| VORO | 21 | 0136 | 0145 | 0138 | N05 | E15 | .329 | 11748 | 22.2 | 9 | -F | C | 0138 | .93 | 1.00 | | | DHJ |
| PALE | 21 | 0139E | 0148 | 0139 | N04 | E16 | .332 | 11748 | 22.3 | 9D | -N | 2 C | | .55 | | | | F |
| GRP42722 | 21 | 0154 | 0211 | 0200 | S20 | W56 | .826 | 11734 | 16.9 | 17 | --F | | | .61 | | | | 3 3 3 6 |
| MANI | 21 | 0151 | 0228 | 0205 | S20 | W50 | .767 | 11734 | 17.3 | 37 | -N | 2 C | 0205 | .62 | 1.09 | | | |
| PALE | 21 | 0155 | 0205 | 0157 | S19 | W60 | .861 | 11734 | 16.6 | 10 | -F | 2 C | | .27 | | | | F |
| VORO | 21 | 0157 | 0201 | 0158 | S21 | W58 | .845 | 11734 | 16.7 | 4 | -F | C | 0158 | .93 | 1.70 | | | DJ |
| GRP42723 | 21 | 0156 | 0207 | 0157 | S20 | E58 | .844 | 11751 | 25.4 | 11 | --F | | | .54 | | | | 3 3 3 6 |
| MANI | 21 | 0154 | 0218 | 0156 | S20 | E58 | .844 | 11751 | 25.4 | 24 | -N | 2 C | 0156 | .62 | 1.09 | | | |
| PALE | 21 | 0157 | 0201D | 0158 | S21 | E58 | .845 | 11751 | 25.4 | 4D | -F | 2 C | | .27 | | | | F |
| VORO | 21 | 0157 | 0201 | 0157 | S19 | E59 | .852 | 11751 | 25.5 | 4 | -F | C | 0157 | .74 | 1.40 | | | D |
| GRP42724 | 21 | 0217 | 0234 | 0226 | N08 | E10 | .310 | 11748 | 21.8 | 17 | --N | | | .93 | | | | 5 5 5 8 |
| VORO | 21 | 0208 | 0219 | 0210 | N08 | E15 | .362 | 11748 | 22.2 | 11 | -F | C | 0210 | .93 | 1.00 | | | DJ |
| MANI | 21 | 0218 | 0243 | 0233 | N08 | E09 | .301 | 11748 | 21.8 | 25 | -N | | | 1.03 | 1.08 | | | |
| MANI | 21 | 0218 | 0243 | 0225 | N08 | E09 | .301 | 11748 | 21.8 | 25 | -N | 2 C | 0225 | .83 | .86 | | | |
| PALE | 21 | 0221 | 0236 | 0225 | N09 | E08 | .308 | 11748 | 21.7 | 15 | -N | 2 C | | .55 | | | | F |
| MITK | 21 | 0222 | 0235 | 0223 | N07 | E09 | .287 | 11748 | 21.8 | 13 | -F | C | 0223 | 1.13 | 1.20 | | | D |
| VORO | 21 | 0223 | 0229 | 0223 | N09 | E09 | .315 | 11748 | 21.8 | 6 | -F | C | 0223 | 1.38 | 1.40 | | | DJ |
| CRON | 21 | 0224E | 0229 | | N07 | E10 | .296 | 11748 | 21.9 | 5D | -N | 3 V | | .55 | | | | |
| GRP42725 | 21 | 0243 | 0312 | 0250 | N05 | E12 | .292 | 11748 | 22.0 | 29 | -N | | | 1.19 | | | | 7 7 7 8 |
| CRON | 21 | 0240 | 0308 | 0249 | N05 | E11 | .281 | 11748 | 21.9 | 28 | -N | 2 C | 0249 | .86 | .86 | | | |
| MANI | 21 | 0240 | 0321 | 0255 | N05 | E12 | .292 | 11748 | 22.0 | 41 | -B | 2 C | 0255 | 1.44 | 1.51 | | | |
| PALE | 21 | 0242 | 0311 | 0247 | N05 | E11 | .281 | 11748 | 21.9 | 29 | -B | 2 C | | .91 | | | | F |
| MITK | 21 | 0243 | 0315 | 0248 | N05 | E12 | .292 | 11748 | 22.0 | 32 | -N | C | 0248 | 1.55 | 1.60 | | | E |
| KODA | 21 | 0245 | 0311 | 0247 | N07 | E15 | .351 | 11748 | 22.2 | 26 | -B | V | 0250 | .68 | .70 | 2.36 | | DH |
| VORO | 21 | 0246 | 0304 | | N06 | E12 | .304 | 11748 | 22.0 | 18 | -F | C | 0248 | 1.85 | 1.90 | | | CEH |
| SIBE | 21 | 0251E | 0314 | 0251 | N05 | E12 | .292 | 11748 | 22.0 | 23D | -F | P | 0251 | 1.04 | 1.05 | | | E 74 |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | | |
|------------------------------------|-------------|-------|-------|------------|-----------------|------------|------------------|--------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---|---------------|---------|-------------|--|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMAH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | |
| 1972 FEB | | | | | | | | | | | | | | | | | | | |
| GRP42727 | 21 | 0409 | 0422 | 0411 | S20 | W59 | .853 | 11734 | 16.7 | 13 | 1N | | | | | | | 6 6 6 7 | |
| CRON | 21 | 0408 | 0420 | 0411 | S19 | W60 | .861 | 11734 | 16.7 | 12 | -N | 2 | C | 0411 | 1.43 | 1.63 | | | |
| PALE | 21 | 0408 | 0419D | 0410 | S19 | W59 | .852 | 11734 | 16.7 | 11D | -B | 1 | C | | .75 | | | F | |
| MANI | 21 | 0409 | 0425 | 0412 | S20 | W60 | .861 | 11734 | 16.7 | 16 | 1B | 2 | | 0412 | 1.55 | 2.82 | | | |
| KODA | 21 | 0409E | 0419 | 0411 | S19 | W59 | .852 | 11734 | 16.7 | 10D | 1N | | C | 0409 | 2.51 | 2.50 | 1.88 | D | |
| MITK | 21 | 0409 | 0426 | 0411 | S20 | W60 | .861 | 11734 | 16.7 | 17 | 1N | | C | 0411 | 1.44 | 2.80 | | | |
| SIBE | 21 | 0413E | 0422 | 0413 | S20 | W57 | .835 | 11734 | 16.9 | 9D | 1F | | P | 0413 | 1.63 | 2.80 | | 73 E | |
| GRP42729 | 21 | 0501 | 0523 | 0516 | N07 | E08 | .278 | 11748 | 21.8 | 22 | --F | | | | .73 | | | | |
| MITK | 21 | 0501 | 0520 | 0515 | N07 | E07 | .270 | 11748 | 21.7 | 19 | -F | | C | 0515 | .93 | 1.00 | | D | |
| MANI | 21 | 0501 | 0511 | 0503 | N07 | E08 | .278 | 11748 | 21.8 | 10 | -N | 2 | | 0503 | .52 | .54 | | | |
| MANI | 21 | 0514 | 0526 | 0516 | N07 | E08 | .278 | 11748 | 21.8 | 12 | -N | 2 | | 0516 | .52 | .54 | | | |
| 733 MANI | 21 | 0628 | 0654 | 0646 | N08 | E08 | .293 | 11748 | 21.9 | 26 | --N | | | | .41 | .43 | | 2 | |
| GRP42734 | 21 | 0659 | 0713 | 0702 | S22 | E58 | .846 | 11751 | 25.6 | 14 | -N | | | | .92 | | | | |
| MANI | 21 | 0659 | 0727 | 0703 | S23 | E57 | .838 | 11751 | 25.6 | 28 | -B | 2 | | 0703 | 1.13 | 2.00 | | 3 3 3 3 | |
| CRON | 21 | 0659 | 0706 | 0701 | S22 | E60 | .863 | 11751 | 25.8 | 7 | -N | 3 | V | 0701 | .30 | | | | |
| MITK | 21 | 0700 | 0707D | 0702 | S22 | E57 | .837 | 11751 | 25.6 | 7D | 1N | | C | 0702 | 1.34 | 2.30 | | | |
| GRP42735 | 21 | 0801 | 0824 | 0808 | N07 | E07 | .270 | 11748 | 21.9 | 23 | --F | | | | .47 | | | | |
| MANI | 21 | 0801 | 0824 | 0808 | N07 | E07 | .270 | 11748 | 21.9 | 23 | -N | 2 | | 0808 | .83 | .86 | | 3 3 3 3 | |
| CAPS | 21 | 0804E | 0815D | | N06 | E08 | .264 | 11748 | 21.9 | 11D | -F | 3 | V | 0809 | .40 | .40 | | DH | |
| ARCE | 21 | 0805E | 0815D | | N07 | E06 | .263 | 11748 | 21.8 | 10D | -F | | C | 0810 | .19 | .20 | | H | |
| 736 ARCE | 21 | 0836E | 0845D | | N07 | E11 | .306 | 11748 | 22.2 | 9D | --F | | C | 0842 | .25 | .30 | | H 2 | |
| GRP42740 | 21 | 1151 | 1211 | 1156 | N06 | E09 | .273 | 11748 | 22.2 | 20 | -N | | | | 2.09 | | | | |
| ZURI | 21 | 1147 | 1215 | 1157 | N06 | E09 | .273 | 11748 | 22.2 | 28 | -N | | C | 1157 | 1.38 | 1.40 | | 4 4 3 7 | |
| WEND | 21 | 1150 | 1207 | | N07 | E11 | .306 | 11748 | 22.3 | 17 | 1F | | V | | 4.13 | | | | |
| KHAR | 21 | 1153 | 1204D | | N05 | E08 | .249 | 11748 | 22.1 | 11D | -N | | V | 1155 | | | 2.30 | D | |
| CATA | 21 | 1155 | 1200D | 1155 | N05 | E09 | .259 | 11748 | 22.2 | 5D | -B | | P | 1155 | .75 | .78 | | 214 | |
| GRP42741 | 21 | 1213 | 1230 | 1220 | N07 | E07 | .270 | 11748 | 22.0 | 17 | 1N | | | | 1.98 | | | | |
| CATA | 21 | 1210E | 1230D | 1220 | N06 | E04 | .236 | 11748 | 21.8 | 20D | -N | | P | 1220 | 1.16 | 1.19 | | 195 | |
| CAPS | 21 | 1212E | 1217D | | N09 | E13 | .352 | 11748 | 22.5 | 5D | -N | 1 | S | 1212 | 1.00 | 1.00 | | 166 | |
| TEHR | 21 | 1212 | 1216 | 1213 | N06 | E12 | .304 | 11748 | 22.4 | 4 | -N | 3 | C | | .09 | | | CD | |
| ZURI | 21 | 1217 | 1231 | 1219 | N07 | E03 | .248 | 11748 | 21.7 | 14 | 2B | | C | 1219 | 5.47 | 5.60 | | F | |
| TEHR | 21 | 1219 | 1228 | 1221 | N07 | E03 | .248 | 11748 | 21.7 | 9 | -N | 3 | C | | .28 | | | F | |
| GRP42742 | 21 | 1245 | 1259 | 1249 | N08 | E06 | .279 | 11748 | 22.0 | 14 | -N | | | | 1.38 | | | | |
| ZURI | 21 | 1245 | 1258 | 1249 | N08 | E04 | .268 | 11748 | 21.8 | 13 | -N | | C | 1249 | 1.38 | 1.40 | | 3 3 1 5 | |
| WEND | 21 | 1250E | 1302D | | N08 | E10 | .310 | 11748 | 22.3 | 12D | -N | | | | | | | | |
| TEHR | 21 | 1252E | 1258 | | N07 | E03 | .248 | 11748 | 21.8 | 6D | -F | 3 | C | | | | | F | |
| GRP42743 | 21 | 1253 | 1315 | (1300) | S11 | W19 | .328 | 11743 | 20.1 | 22 | --F | | | | .28 | | | | |
| TEHR | 21 | 1246E | 1303 | | S11 | W12 | .216 | 11743 | 20.6 | 17D | -N | 3 | C | | | | | 2 2 1 6 | |
| ARCE | 21 | 1300E | 1315D | | S10 | W26 | .436 | 11743 | 19.6 | 15D | -F | | C | 1300 | .28 | .30 | | D | |
| GRP42745 | 21 | 1411 | 1445 | 1417 | N05 | E05 | .226 | 11748 | 22.0 | 34 | -N | | | | 1.23 | | | | |
| ZURI | 21 | 1409 | 1445 | 1419 | N05 | E05 | .226 | 11748 | 22.0 | 36 | -N | | C | 1419 | 1.89 | 1.90 | | 4 3 3 6 | |
| ARCE | 21 | 1410E | 1437D | | N06 | E04 | .236 | 11748 | 21.9 | 27D | -F | | C | 1419 | .40 | .40 | | | |
| CATA | 21 | 1415 | 1420D | 1415 | N05 | E05 | .226 | 11748 | 22.0 | 5D | -N | | P | 1415 | 1.39 | 1.43 | | 170 | |
| MCMA | 21 | 1425E | 1445D | | N05 | E03 | .215 | 11748 | 21.8 | 20D | -N | | C | 1431 | .72 | .80 | | Z E | |
| | 21 | 1604 | 1617 | | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 21 | 1631 | 1636 | | NO FLARE PATROL | | | | | | | | | | | | | | |
| | 21 | 2002 | 2020 | | NO FLARE PATROL | | | | | | | | | | | | | | |
| 50 STATIONS REPORTING GROUP 42748. | | | | | | | | | | | | | | | 0 STATIONS OBSERVING AND NOT REPORTING. | | | | |
| GRP42748 | 21 | 1644 | 1702 | 1649 | N07 | E00 | .243 | 11748 | 21.7 | 18 | --B | | | | .62 | | | | |
| HUAN | 21 | 1644 | 1659 | | N07 | E00 | .243 | 11748 | 21.7 | 15 | -N | 1 | P | 1650 | .46 | .48 | | 2 2 2 2 | |
| MCMA | 21 | 1644 | 1705D | 1649 | N06 | E00 | .226 | 11748 | 21.7 | 21D | -B | | C | 1649 | .77 | .80 | | EH | |
| 80 STATIONS REPORTING GROUP 42749. | | | | | | | | | | | | | | | 0 STATIONS OBSERVING AND NOT REPORTING. | | | | |
| GRP42749 | 21 | 1624 | 1709 | (1639) | N08 | E09 | .301 | 11748 | 22.4 | 45 | -N | | | | .88 | | | | |
| MCMA | 21 | 1624 | 1720 | | N08 | E10 | .310 | 11748 | 22.4 | 56 | -B | | C | 1637 | .93 | 1.00 | | 2 2 2 2 | |
| HUAN | 21 | 1624E | 1627 | | N07 | E07 | .270 | 11748 | 22.2 | 3D | -N | 1 | P | 1624 | .21 | .21 | | FH | |
| HUAN | 21 | 1641E | 1658 | | N08 | E10 | .310 | 11748 | 22.4 | 17D | -F | 1 | P | 1641 | .83 | .87 | | CDT CE | |
| GRP42750 | 21 | 1709 | 1722 | 1713 | N06 | E01 | .226 | 11748 | 21.8 | 13 | -N | | | | 1.15 | | | | |
| MCMA | 21 | 1705E | 1722 | 1712 | N06 | E00 | .226 | 11748 | 21.7 | 17D | 1B | | C | 1712 | 2.06 | 2.10 | | 3 3 3 3 | |
| PALE | 21 | 1710E | 1722 | 1714 | N06 | E03 | .231 | 11748 | 21.9 | 12D | -N | 1 | C | | .81 | | | HRXV | |
| HUAN | 21 | 1712 | 1715D | | N07 | W01 | .243 | 11748 | 21.6 | 3D | -N | 1 | P | 1713 | .57 | .58 | | HF EH | |
| 751 HUAN | 21 | 1729 | 1735 | 1731 | N07 | E06 | .263 | 11748 | 22.2 | 6 | --F | 1 | C | 1731 | .15 | .16 | | D 3 | |

SOLAR FLARES
Confirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hα | | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42752 | 21 | 1755 | 1759 | 1756 | S17 | E43 | .683 | 11751 | 25.0 | 4 | --F | | | | | | 2 2 2 3 | |
| PALE | 21 | 1754 | 1759 | 1755 | S17 | E43 | .683 | 11751 | 25.0 | 5 | -N | 2 | C | | | | | |
| HUAN | 21 | 1756 | 1759 | 1757 | S17 | E43 | .683 | 11751 | 25.0 | 3 | -F | 1 | C | 1757 | .15 | .21 | | D |
| GRP42753 | 21 | 1852 | 1912 | 1859 | N05 | E02 | .211 | 11748 | 21.9 | 20 | --N | | | | | | | 2 2 2 2 |
| PALE | 21 | 1851 | 1912 | 1859 | N05 | E02 | .211 | 11748 | 21.9 | 21 | -N | 2 | C | | | | | F |
| MCHA | 21 | 1852 | 1912D | | N04 | E02 | .195 | 11748 | 21.9 | 20D | -N | | C | 1902 | .52 | .50 | | E |
| 754 PALE | 21 | 1916 | 1922 | 1918 | S09 | W01 | .038 | 11743 | 21.7 | 6 | --B | 2 | C | | | | | F |
| GRP42755 | 21 | 1956 | 2002 | 2002 | N06 | E06 | .248 | 11748 | 22.3 | 6 | --N | | | | | | | 1 1 1 1 |
| PALE | 21 | 1956 | 2002D | 2002 | N04 | E05 | .210 | 11748 | 22.2 | 6D | -F | 2 | C | | | | | |
| PALE | 21 | 1959 | 2002D | 2002 | N10 | E09 | .330 | 11748 | 22.5 | 3D | -N | 2 | C | | | | | F |
| PALE | 21 | 1959 | 2002D | 2001 | N08 | E06 | .279 | 11748 | 22.3 | 3D | -N | 2 | C | | | | | F |
| 756 PALE | 21 | 2020E | 2027 | 2021 | S17 | E42 | .671 | 11751 | 25.0 | 7D | --F | 2 | C | | | | | 1 |
| 757 PALE | 21 | 2030 | 2036 | 2032 | N11 | E03 | .314 | 11748 | 22.1 | 6 | --F | 2 | C | | | | | F |
| 758 PALE | 21 | 2037 | 2052 | 2041 | N15 | E11 | .416 | 11748 | 22.7 | 15 | --F | 2 | C | | | | | F |
| 759 PALE | 21 | 2047 | 2059 | 2050 | N06 | W02 | .228 | 11748 | 21.7 | 12 | --N | 2 | C | | | | | F |
| 760 PALE | 21 | 2057 | 2109 | 2100 | N08 | E07 | .285 | 11748 | 22.4 | 12 | --F | 2 | C | | | | | F |
| GRP42761 | 21 | 2121 | 2130 | 2123 | N07 | E04 | .252 | 11748 | 22.2 | 9 | --N | | | | | | | 3 3 2 3 |
| LOCK | 21 | 2120 | 2135 | 2124 | N08 | E03 | .264 | 11748 | 22.1 | 15 | -F | | | | | | | |
| PALE | 21 | 2121 | 2127 | 2122 | N07 | E04 | .252 | 11748 | 22.2 | 6 | -N | 2 | C | | | | | F |
| HUAN | 21 | 2121 | 2128 | 2124 | N07 | E04 | .252 | 11748 | 22.2 | 7 | -N | 2 | C | 2124 | .31 | .32 | | D |
| GRP42765 | 21 | 2323 | 2341 | 2328 | S10 | W17 | .294 | 11743 | 20.7 | 18 | --F | 1 | C | 2326 | 1.19 | | | 3 3 3 4 |
| CRON | 21 | 2322 | 2338 | 2326 | S10 | W17 | .294 | 11743 | 20.7 | 16 | -F | 1 | C | 2328 | 1.47 | 1.60 | | E |
| VORO | 21 | 2324 | 2345 | 2328 | S11 | W17 | .296 | 11743 | 20.7 | 21 | -F | 1 | C | 2329 | 1.24 | 1.30 | | |
| MANI | 21 | 2325E | 2340 | 2329 | S10 | W18 | .310 | 11743 | 20.6 | 15D | -N | 2 | | | | | | 85 |
| GRP42766 | 21 | 2323 | 2331 | 2326 | N06 | W05 | .241 | 11748 | 21.6 | 8 | --F | 1 | C | 2326 | 1.04 | | | 3 3 3 4 |
| CRON | 21 | 2322 | 2331 | 2326 | N06 | W08 | .264 | 11748 | 21.4 | 9 | -F | 1 | C | 2325 | .54 | .65 | | |
| VORO | 21 | 2324 | 2331 | 2325 | N07 | W04 | .252 | 11748 | 21.7 | 7 | -F | 1 | C | 2328 | 1.75 | 1.90 | | 79 |
| MANI | 21 | 2325E | 2330 | 2328 | N05 | W02 | .211 | 11748 | 21.8 | 5D | -N | 2 | | | | | | |
| GRP42768 | 21 | 2353 | 0025 | 0004 | N09 | E06 | .294 | 11748 | 22.4 | 32 | -N | | | | | | | 4 4 4 4 |
| CULG | 21 | 2351 | 0032 | 0004 | N10 | E08 | .322 | 11748 | 22.6 | 41 | 1N | | C | 0004 | 2.08 | | | |
| MANI | 21 | 2353 | 0008 | 2355 | N17 | E11 | .444 | 11748 | 22.8 | 15 | -F | 2 | | 2355 | 4.33 | 4.41 | | |
| MANI | 21 | 2354 | 0006 | 2357 | N04 | E03 | .198 | 11748 | 22.2 | 12 | -N | 2 | | 2357 | .31 | .34 | | |
| CRON | 21 | 2354 | 0002 | | N05 | E03 | .215 | 11748 | 22.2 | 8 | -F | 3 | V | | .41 | .42 | | |
| VORO | 21 | 2355 | 0023 | 0003 | N07 | E04 | .252 | 11748 | 22.3 | 28 | -F | 1 | C | 0003 | .35 | | | |
| MANI | 21 | 2359 | 0016 | 0005 | N07 | E03 | .248 | 11748 | 22.2 | 17 | -N | 2 | | 0005 | .93 | .90 | | 80 |
| CRON | 22 | 0002 | 0028 | 0005 | N09 | E06 | .295 | 11748 | 22.5 | 26 | -N | 3 | V | 0005 | 1.96 | 2.03 | | EFJ |
| GRP42769 | 22 | 0029 | 0057 | 0033 | N03 | W02 | .178 | 11748 | 21.9 | 28 | 2N | | | | | | | 5 5 5 5 |
| CULG | 22 | 0027 | 0104 | 0034 | N03 | W02 | .178 | 11748 | 21.9 | 37 | 2B | | C | 0034 | 9.15 | | | |
| MITK | 22 | 0029 | 0103 | 0033 | N03 | W02 | .178 | 11748 | 21.9 | 34 | 3N | | C | 0033 | 12.38 | 12.00 | | LSUFH |
| MANI | 22 | 0029 | 0055 | 0032 | N04 | W01 | .193 | 11748 | 21.9 | 26 | 1N | 2 | | 0032 | 18.36 | 18.60 | | FHU |
| CRON | 22 | 0030 | 0053 | 0033 | N03 | W01 | .176 | 11748 | 21.9 | 23 | 1B | 2 | C | 0033 | 4.13 | 4.20 | | |
| VORO | 22 | 0031 | 0051 | 0035 | N03 | W02 | .178 | 11748 | 21.9 | 20 | 2N | | C | 0033 | 2.58 | 2.58 | | 132 |
| GRP42773 | 22 | 0143 | 0152 | 0146 | N08 | E06 | .279 | 11748 | 22.5 | 9 | -N | | | | | | | 3 3 3 6 |
| PALE | 22 | 0140E | 0144 | 0141 | N07 | E03 | .248 | 11748 | 22.3 | 4D | -N | 3 | C | | 1.31 | | | |
| MANI | 22 | 0144 | 0155 | 0147 | N06 | E07 | .256 | 11748 | 22.6 | 11 | -N | 2 | | 0147 | .26 | | | |
| VORO | 22 | 0144E | 0158 | 0149S | N11 | E08 | .338 | 11748 | 22.7 | 14D | 1N | | C | 0149 | 1.44 | 1.50 | | 72 |
| GRP42774 | 22 | 0217 | 0249 | 0222 | N06 | E01 | .227 | 11748 | 22.2 | 32 | 1N | | | | | | | 5 5 5 5 |
| MANI | 22 | 0216 | 0248 | 0221 | N05 | E01 | .210 | 11748 | 22.2 | 32 | 1N | 2 | | 0221 | 2.22 | | | |
| CRON | 22 | 0217 | 0242 | 0219 | N07 | E01 | .244 | 11748 | 22.2 | 25 | -N | 3 | V | 0219 | 2.17 | 2.23 | | |
| MITK | 22 | 0218 | 0308 | 0223 | N05 | W01 | .210 | 11748 | 22.0 | 50 | 1F | | C | 0223 | .85 | | | |
| KODA | 22 | 0218E | 0244 | 0224 | N07 | E03 | .248 | 11748 | 22.3 | 26D | -N | | V | 0218 | 3.92 | 4.00 | | EH |
| VORO | 22 | 0218 | 0245 | 0222 | N05 | E01 | .230 | 11748 | 22.2 | 27 | 1F | | C | 0222 | 1.66 | 1.70 | 1.76 | H |
| GRP42775 | 22 | 0313 | 0345 | 0324 | N08 | E03 | .265 | 11748 | 22.4 | 32 | 1B | | | | | | | 108 |
| KODA | 22 | 0254 | 0347 | 0325 | N08 | E04 | .269 | 11748 | 22.4 | 53 | 1B | | P | 0332 | 2.50 | 2.50 | | |
| CULG | 22 | 0307 | 0345D | 0325 | N08 | E04 | .269 | 11748 | 22.4 | 38D | 1B | | P | 0325 | 2.49 | | | 6 5 5 6 |
| MANI | 22 | 0311 | 0327 | 0324 | N07 | E03 | .248 | 11748 | 22.4 | 16 | 1B | 2 | | 0324 | 3.35 | 3.40 | 2.76 | H |
| MITK | 22 | 0315 | 0346 | 0324 | N07 | E01 | .244 | 11748 | 22.2 | 31 | 1F | | C | 0324 | 3.51 | 3.40 | | |
| CRON | 22 | 0317 | 0345 | 0324 | N09 | E03 | .281 | 11748 | 22.4 | 28 | -B | 3 | V | 0324 | 2.27 | 2.35 | | E |
| TEHR | 22 | 0335E | 0402 | 0345 | N10 | E07 | .316 | 11748 | 22.7 | 27D | -N | 3 | C | | 2.06 | 2.10 | | |
| TEHR | 22 | 0357 | 0408 | 0400 | N15 | E05 | .385 | 11748 | 22.5 | 11 | -F | 3 | C | | 1.25 | | | F |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION | IMPOR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | | |
|---|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|----------|-------------|-----------------|--------------|---------|---------------------|---------------------|---------|-----------------------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | MIN. | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | | MAX. WIDTH H α | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | |
| 1972 FEB | | | | | | | | | | | | | | | | | | | |
| GRP42779 | 22 | 0616 | 0640 | 0624 | N07 | E01 | .244 | 11748 | 22.3 | 24 | -N | | | | | 5 5 4 5 | | | |
| CRON | 22 | 0615 | 0635 | 0621 | N07 | E00 | .243 | 11748 | 22.3 | 20 | -N | 2 | C | 0621 | 1.35 | | | | |
| ABST | 22 | 0616 | 06310 | 0624 | N08 | W01 | .261 | 11748 | 22.2 | 150 | -N | | P | 0624 | .54 | .54 | | EJKZ | |
| MANI | 22 | 0618 | 0645 | 0624 | N07 | E01 | .244 | 11748 | 22.3 | 27 | -N | 2 | | 0624 | 1.80 | 1.80 | | | |
| KODA | 22 | 0621E | 0634 | 0623 | N07 | E02 | .245 | 11748 | 22.4 | 13D | -B | | V | 0621 | 1.03 | 1.07 | | | |
| TEHR | 22 | 0623E | 0646 | 0627 | N07 | E01 | .244 | 11748 | 22.3 | 23D | -B | 3 | C | | 2.02 | 2.00 | 2.72 | FU | |
| GRP42782 | 22 | 0719 | 0736 | 0723 | N07 | E00 | .243 | 11748 | 22.3 | 17 | -N | | | | .93 | | | 3 2 1 6 | |
| CATA | 22 | 0635E | 0735D | 0540 | N09 | E04 | .285 | 11748 | 22.6 | 60D | 1N | | P | 0640 | 3.25 | 3.40 | | 178 TZ | |
| MANI | 22 | 0716 | 0738 | 0721 | N07 | W01 | .244 | 11748 | 22.2 | 22 | -N | 2 | | 0721 | .93 | .96 | | | |
| TEHR | 22 | 0721 | 0733 | 0725 | N07 | E01 | .244 | 11748 | 22.4 | 12 | -N | 3 | C | | | | | FU | |
| GRP42783 | 22 | 0741 | 0810 | 0752 | N06 | W02 | .229 | 11748 | 22.2 | 29 | -N | | | | 1.00 | | | 3 3 3 6 | |
| ATHN | 22 | 0737E | 0752D | 0737 | N07 | W01 | .244 | 11748 | 22.2 | 15D | -F | 2 | C | | .66 | | | D | |
| MANI | 22 | 0742 | 0815 | 0752 | N07 | W02 | .245 | 11748 | 22.2 | 33 | -N | 2 | | 0752 | .83 | .86 | | | |
| CAPS | 22 | 0743 | 0801 | | N04 | W03 | .199 | 11748 | 22.1 | 18 | -B | 1 | S | 0752 | 1.50 | 1.50 | | 194 D | |
| ATHN | 22 | 0810E | 0813D | 0810 | N07 | W01 | .244 | 11748 | 22.3 | 3D | -F | 2 | C | | .66 | | | | |
| GRP42785 | 22 | 1007 | 1116 | 1050 | N07 | W01 | .244 | 11748 | 22.3 | 69 | -B | | | | 1.94 | | | 5 4 4 8 | |
| CAPS | 22 | 1007 | 1106 | 1047 | N07 | W01 | .244 | 11748 | 22.3 | 59 | 1B | 2 | P | 1046 | 2.50 | 2.50 | | 265 CHIKW | |
| CAPS | 22 | 1007 | 1037 | 1015 | N07 | W01 | .244 | 11748 | 22.3 | 30 | -B | 1 | V | 1007 | 1.00 | 1.00 | | 216 B | |
| CAPS | 22 | 1007 | 1016 | | N08 | E05 | .274 | 11748 | 22.8 | 9 | -N | 1 | V | 1007 | 1.00 | 1.00 | | 162 | |
| CANR | 22 | 1045 | 1110 | 1049 | N06 | W03 | .232 | 11748 | 22.2 | 25 | -N | 2 | C | 1049 | 1.51 | 1.51 | | | |
| KHAR | 22 | 1047E | 1140D | | N08 | W02 | .262 | 11748 | 22.3 | 53D | 1N | | P | 1052 | 2.58 | 2.60 | 2.10 | E TZ | |
| CATA | 22 | 1048E | 1110 | 1055 | N07 | W02 | .245 | 11748 | 22.3 | 22D | -B | | P | 1055 | 1.16 | 1.20 | | 209 F | |
| TEHR | 22 | 1105E | 1112 | | N06 | W03 | .232 | 11748 | 22.2 | 7D | -N | 2 | C | | | | | | |
| GRP42786 | 22 | 1313 | 1327 | 1314 | N05 | W06 | .233 | 11748 | 22.1 | 14 | -N | | | | .70 | | | 3 3 3 4 | |
| CATA | 22 | 1310 | 1330 | 1315 | N03 | W05 | .195 | 11748 | 22.2 | 20 | -N | | C | 1315 | .58 | .59 | | 193 F | |
| RAMY | 22 | 1311 | 1328 | 1313 | N06 | W06 | .248 | 11748 | 22.1 | 17 | -N | 2 | C | | 1.03 | | | | |
| CAPS | 22 | 1317 | 1324 | | N05 | W06 | .233 | 11748 | 22.1 | 7 | -N | 1 | V | 1317 | .50 | .50 | | 182 GD | |
| 42786 | 22 | 1322 | 1419 | 1324 | N08 | W03 | .265 | 11748 | 22.3 | 57 | *1B | | | | 3.17 | | | 5 5 5 5 | |
| MCMA | 22 | 1245E | 1355D | 1325 | N06 | W04 | .236 | 11748 | 22.2 | 70D | 1B | | C | 1325 | 2.58 | 2.60 | | FHJKTVD | |
| RAMY | 22 | 1258E | 1324 | 1301 | N15 | E02 | .377 | 11748 | 22.7 | 26D | -N | 2 | C | | .93 | | | | |
| CAPS | 22 | 1317 | 1529 | 1324 | N07 | W07 | .271 | 11748 | 22.0 | 132 | 1B | 2 | P | 1317 | 2.50 | 2.50 | | 290 CFIKW | |
| CATA | 22 | 1321E | 1420D | 1321 | N08 | W02 | .262 | 11748 | 22.4 | 59D | 1B | | P | 1321 | 3.48 | 3.62 | | 266 ZF | |
| RAMY | 22 | 1324E | 1417 | 1324 | N09 | W02 | .279 | 11748 | 22.4 | 53D | 1B | 2 | C | | 3.16 | | | | |
| ARCE | 22 | 1325 | 1414D | | N08 | W03 | .265 | 11748 | 22.3 | 49D | 1B | | C | 1326 | 4.14 | 4.30 | | | |
| GRP42787 | 22 | 1324 | 1343 | 1327 | S22 | E38 | .637 | 11751 | 25.4 | 19 | --F | | | | .37 | | | 2 1 1 5 | |
| RAMY | 22 | 1324 | 1343D | 1327 | S22 | E38 | .637 | 11751 | 25.4 | 19D | -F | 2 | C | | .37 | | | D | |
| ARCE | 22 | 1340 | 1348 | 1343 | S20 | E38 | .630 | 11751 | 25.4 | 8 | -F | | C | 1343 | .12 | .20 | | | |
| GRP42788 | 22 | 1349 | 1409 | 1353 | N15 | E01 | .376 | 11748 | 22.7 | 20 | --F | | | | .54 | | | 2 2 2 5 | |
| ARCE | 22 | 1346 | 1403 | 1352 | N14 | E00 | .360 | 11748 | 22.6 | 17 | -F | | C | 1352 | .70 | .80 | | H D | |
| RAMY | 22 | 1352 | 1415 | 1353 | N15 | E02 | .377 | 11748 | 22.7 | 23 | -F | 3 | C | | .37 | | | | |
| 5 STATIONS REPORTING GROUP 42789. 3 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | | |
| GRP42789 | 22 | 1413 | 1824 | 1417 | N07 | W06 | .264 | 11748 | 22.1 | 251 | -N | | | | 1.42 | | | 4 4 4 7 | |
| MCMA | 22 | 1355E | 1825D | 1422 | N06 | W04 | .236 | 11748 | 22.3 | 270D | 1B | | C | 1422 | 2.06 | 2.10 | | EHK | |
| RAMY | 22 | 1411 | 1430D | 1414 | N06 | W04 | .236 | 11748 | 22.3 | 19D | -B | 3 | C | | .93 | | | D | |
| HUAN | 22 | 1415 | 1455D | 1415 | N07 | W05 | .258 | 11748 | 22.2 | 40D | -N | 1 | P | 1415 | .57 | .59 | | KT | |
| ARCE | 22 | 1424 | 1432 | | N10 | W12 | .356 | 11748 | 21.7 | 8 | 1F | | C | 1426 | 2.11 | 2.30 | | | |
| ARCE | 22 | 1434 | 1437 | 1435 | N08 | W06 | .279 | 11748 | 22.2 | 3 | -F | | C | 1435 | .58 | .60 | | | |
| HUAN | 22 | 1818 | 1824 | 1819 | N07 | W08 | .279 | 11748 | 22.2 | 6 | -F | 2 | C | 1819 | .21 | .21 | | D | |
| 42789 | 22 | 1610 | 1635 | 1623 | N07 | W05 | .258 | 11748 | 22.3 | 25 | *-F | | | | .26 | | | 2 2 1 3 | |
| LOCK | 22 | 1610 | 1632 | 1623 | N06 | W03 | .232 | 11748 | 22.4 | 22 | -F | | C | | | | | | |
| HUAN | 22 | 1631E | 1638 | | N07 | W07 | .271 | 11748 | 22.2 | 7D | -F | 1 | P | 1633 | .26 | .27 | | C | |
| 42789 | 22 | 1448 | 1511 | 1457 | N09 | W12 | .343 | 11748 | 21.7 | 23 | *-B | | | | 1.51 | | | 2 1 1 7 | |
| ARCE | 22 | 1448 | 1511 | 1457 | N09 | W12 | .343 | 11748 | 21.7 | 23 | -B | | C | 1457 | 1.51 | 1.60 | | | |
| RAMY | 22 | 1452E | 1526 | 1452 | N09 | E01 | .277 | 11748 | 22.7 | 34D | -F | 3 | C | | .65 | | | D | |
| GRP42790 | 22 | 1420 | 1434 | 1422 | N14 | E01 | .360 | 11748 | 22.7 | 14 | -B | | | | 1.06 | | | 2 2 2 6 | |
| RAMY | 22 | 1420 | 1430D | 1421 | N15 | E02 | .377 | 11748 | 22.7 | 10D | -B | 3 | C | | 1.49 | | | F | |
| HUAN | 22 | 1420 | 1438 | 1422D | N13 | E00 | .343 | 11748 | 22.6 | 18 | -N | 1 | C | 1422 | .62 | .66 | | T | |
| GRP42791 | 22 | 1455 | 1506 | 1455 | S20 | E38 | .630 | 11751 | 25.5 | 11 | --F | | | | .31 | | | 2 2 2 7 | |
| RAMY | 22 | 1455 | 1505 | 1455 | S20 | E38 | .630 | 11751 | 25.5 | 10 | -N | 3 | C | | .28 | | | D | |
| ARCE | 22 | 1455 | 1506 | 1455 | S19 | E38 | .626 | 11751 | 25.5 | 11 | -F | | C | 1455 | .34 | .40 | | | |
| GRP42792 | 22 | 1548 | 1553 | 1549 | N09 | W71 | .954 | 11755 | 17.3 | 5 | --F | | | | .32 | | | 2 2 2 5 | |
| MCMA | 22 | 1547 | 1552 | 1549 | N06 | W71 | .951 | 11755 | 17.3 | 5 | -F | | C | 1549 | .26 | .90 | | D | |
| CAPS | 22 | 1548 | 1554 | | N12 | W70 | .952 | 11755 | 17.4 | 6 | -N | 2 | V | 1548 | .38 | | | 182 C | |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION | IM-POR-TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|-----------------------------------|-------------|-------|-------|------------|----------|------------|------------------|--------------------|---------|---|--------------|-----------------|--------------|---------------------|---------------------|---------------|-------------|---------|--|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMAH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | | |
| GRP42793 | 22 | 1700 | 1705 | 1701 | S20 | E38 | .630 | 11751 | 25.6 | 5 | --N | | | | | .36 | | 3 3 2 4 | |
| BOUL | 22 | 1659 | 1707 | 1700 | S20 | E40 | .654 | 11751 | 25.7 | 8 | -N | 2 | V | | | | | | |
| MCMA | 22 | 1700 | 1704 | 1701 | S20 | E37 | .617 | 11751 | 25.5 | 4 | -N | | C | 1701 | | .31 | .40 | E | |
| HUAN | 22 | 1701E | 1703 | | S20 | E37 | .617 | 11751 | 25.5 | 2D | -F | 1 | P | 1701 | | .41 | .53 | C | |
| GRP42794 | 22 | 1825 | 1932 | 1839 | N09 | W05 | .289 | 11748 | 22.4 | 67 | -N | | | | | 1.77 | | 4 4 3 4 | |
| LOCK | 22 | 1823 | 1915 | 1837 | N09 | W06 | .295 | 11748 | 22.3 | 52 | 1N | | C | | | | | | |
| BOUL | 22 | 1825 | 1847D | 1834 | N09 | W05 | .289 | 11748 | 22.4 | 22D | -N | 2 | C | 1834 | | 1.61 | 1.62 | | |
| MCMA | 22 | 1828 | 2020 | 1845 | N08 | W04 | .269 | 11748 | 22.5 | 112 | 1B | | C | 1845 | | 2.06 | 2.10 | EK | |
| HUAN | 22 | 1833E | 1936 | | N08 | W05 | .274 | 11748 | 22.4 | 63D | -N | 2 | P | 1840 | | 1.65 | 1.71 | CE | |
| LOCK | 22 | 1916 | 1928 | 1918 | N14 | W03 | .363 | 11748 | 22.6 | 12 | -F | | C | | | | | | |
| GRP42795 | 22 | 1934 | 1955 | 1938 | N04 | W09 | .246 | 11748 | 22.1 | 21 | --N | | | | | .51 | | 3 3 2 4 | |
| LOCK | 22 | 1928 | 1938 | 1931 | N07 | W08 | .279 | 11748 | 22.2 | 10 | -F | | C | | | | | | |
| LOCK | 22 | 1935 | 1952 | 1938 | N04 | W11 | .269 | 11748 | 22.0 | 17 | -F | | C | | | | | | |
| BOUL | 22 | 1936 | 1957 | 1938 | N04 | W07 | .226 | 11748 | 22.3 | 21 | -N | 2 | V | 1938 | | .75 | .75 | | |
| HUAN | 22 | 1938 | 1940D | | N04 | W10 | .257 | 11748 | 22.1 | 2D | -N | 1 | P | 1940 | | .26 | .27 | D | |
| 5 STATIONS REPORTING GROUP 42796. | | | | | | | | | | 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | |
| GRP42796 | 22 | 2038 | 2117 | 2045 | N15 | W04 | .381 | 11748 | 22.6 | 39 | -B | | | | | 1.16 | | 3 3 2 3 | |
| LOCK | 22 | 2035 | 2115 | 2045 | N15 | W04 | .381 | 11748 | 22.6 | 40 | 1N | | C | | | | | | |
| HUAN | 22 | 2040 | 2102D | | N14 | W04 | .366 | 11748 | 22.6 | 22D | -B | 1 | P | 2042 | | 1.08 | 1.17 | E | |
| MCMA | 22 | 2046E | 2118 | | N15 | W03 | .379 | 11748 | 22.6 | 32D | -B | | P | 2047 | | 1.24 | 1.30 | E | |
| 42796 | 22 | 2057 | 2117 | 2059 | N15 | W03 | .379 | 11748 | 22.6 | 20 | *-N | | | | | 1.58 | | 2 2 2 5 | |
| BOUL | 22 | 2057 | 2117 | 2058 | N14 | W03 | .363 | 11748 | 22.6 | 20 | -N | 1 | C | 2058 | | 1.29 | 1.43 | | |
| RAMY | 22 | 2100E | 2102D | 2100 | N15 | W03 | .379 | 11748 | 22.6 | 2D | -N | 1 | C | | | 1.86 | | F | |
| GRP42797 | 22 | 2156 | 2219 | 2200 | N06 | W74 | .966 | 11755 | 17.4 | 23 | 1N | | | | | .72 | | 3 3 1 3 | |
| CULG | 22 | 2154 | 2216D | 2159 | N08 | W75 | .971 | 11755 | 17.3 | 22D | 1B | | P | 2159 | | .72 | | RY | |
| LOCK | 22 | 2155 | 2212 | 2200 | N04 | W75 | .969 | 11755 | 17.3 | 17 | 1N | | C | | | | | H | |
| BOUL | 22 | 2200 | 2228 | 2200U | N07 | W73 | .962 | 11755 | 17.4 | 28 | -N | 3 | V | | | | | | |
| GRP42798 | 22 | 2225 | 2256 | 2234 | N09 | W06 | .295 | 11748 | 22.5 | 31 | --F | | | | | .46 | | 4 2 1 5 | |
| BOUL | 22 | 2225 | 2300 | 2235 | N10 | W03 | .298 | 11748 | 22.7 | 35 | -N | 3 | V | | | | | | |
| LOCK | 22 | 2225 | 2252 | 2232 | N07 | W09 | .287 | 11748 | 22.3 | 27 | -F | | C | | | | | | |
| VORO | 22 | 2242E | 2251 | | N08 | W06 | .279 | 11748 | 22.5 | 9D | -F | | C | 2245 | | .46 | .50 | 91 | |
| MANI | 22 | 2258E | 2304 | 2258 | N07 | W07 | .271 | 11748 | 22.4 | 6D | -N | 2 | | 2258 | | .31 | .32 | | |
| GRP42800 | 23 | 0030 | 0048 | 0032 | N07 | W10 | .297 | 11748 | 22.3 | 18 | --N | | | | | .59 | | 3 3 2 5 | |
| LOCK | 23 | 0029 | 0037 | 0032D | N07 | W10 | .297 | 11748 | 22.3 | 8 | -F | | C | | | | | | |
| MANI | 23 | 0030 | 0057 | 0032 | N07 | W10 | .297 | 11748 | 22.3 | 27 | -N | 2 | C | 0032 | | .52 | 1.54 | | |
| CRON | 23 | 0030E | 0051 | 0032 | N08 | W09 | .302 | 11748 | 22.3 | 21D | -N | 3 | V | 0032 | | .65 | | | |
| GRP42803 | 23 | 0151 | 0210 | 0155 | N06 | W77 | .978 | 11755 | 17.3 | 19 | -N | | | | | .63 | | 3 3 3 6 | |
| MANI | 23 | 0148 | 0225 | 0155 | N06 | W78 | .981 | 11755 | 17.2 | 37 | -B | 2 | | 0155 | | .62 | 1.56 | | |
| CRON | 23 | 0151 | 0203 | 0155 | N08 | W75 | .971 | 11755 | 17.5 | 12 | -N | 2 | C | 0155 | | .54 | .54 | | |
| VORO | 23 | 0155 | 0203 | 0156 | N04 | W78 | .980 | 11755 | 17.2 | 8 | -F | | C | 0156 | | .74 | 3.60 | 81 | |
| GRP42805 | 23 | 0421 | 0431 | 0425 | S22 | E31 | .550 | 11751 | 25.5 | 10 | --N | | | | | .47 | | 3 3 2 6 | |
| TEHR | 23 | 0420 | 0429 | 0424 | S22 | E33 | .575 | 11751 | 25.7 | 9 | -N | 3 | C | | | | | | |
| CRON | 23 | 0422 | 0428 | 0425 | S23 | E29 | .531 | 11751 | 25.4 | 6 | -N | 2 | C | 0425 | | .32 | .38 | D | |
| MANI | 23 | 0425E | 0435 | 0426 | S20 | E30 | .527 | 11751 | 25.4 | 10D | -F | | | 0426 | | .62 | .73 | | |
| GRP42806 | 23 | 0444 | 0454 | 0448 | N06 | W78 | .981 | 11755 | 17.3 | 10 | -N | | | | | .62 | | 2 2 1 6 | |
| TEHR | 23 | 0444 | 0454 | 0446 | N05 | W78 | .981 | 11755 | 17.3 | 10 | -N | 3 | C | | | | | | |
| MANI | 23 | 0449E | 0453 | 0450 | N06 | W78 | .981 | 11755 | 17.4 | 4D | -N | 2 | | 0450 | | .62 | 1.56 | | |
| GRP42808 | 23 | 0637 | 0652 | 0643 | N08 | W12 | .330 | 11748 | 22.4 | 15 | -N | | | | | .88 | | 4 3 2 5 | |
| ABST | 23 | 0630E | 0655 | 0642 | N07 | W13 | .328 | 11748 | 22.3 | 25D | -F | | P | 0642 | | 1.26 | 1.30 | EZ | |
| TEHR | 23 | 0637E | 0652 | 0643 | N07 | W13 | .328 | 11748 | 22.3 | 15D | -N | 3 | C | | | | | F | |
| CRON | 23 | 0638E | 0648 | | N08 | W13 | .340 | 11748 | 22.3 | 10D | -N | 3 | V | | | .50 | | | |
| ABST | 23 | 0638E | 0658D | 0640 | N09 | W10 | .324 | 11748 | 22.5 | 20D | -F | | P | 0640 | | .90 | .90 | D | |
| MANI | 23 | 0655E | 0656 | 0656 | N08 | W10 | .311 | 11748 | 22.5 | 1D | -N | 2 | | 0656 | | .31 | .32 | | |
| GRP42809 | 23 | 0650 | 0701 | 0655 | S19 | E23 | .428 | 11751 | 25.0 | 11 | -B | | | | | 1.43 | | 4 4 4 5 | |
| TEHR | 23 | 0649 | 0702 | 0652 | S19 | E23 | .428 | 11751 | 25.0 | 13 | -B | 3 | C | | | .77 | | | |
| CRON | 23 | 0650 | 0703 | 0656 | S20 | E24 | .448 | 11751 | 25.1 | 13 | -N | 2 | C | 0656 | | .43 | .48 | FH | |
| ABST | 23 | 0650E | 0704 | 0656 | S18 | E23 | .421 | 11751 | 25.0 | 14D | 1N | | P | 0654 | | 2.34 | 2.60 | EZ | |
| MANI | 23 | 0655E | 0656 | 0656 | S18 | E23 | .421 | 11751 | 25.0 | 1D | 1B | 2 | | 0656 | | 2.17 | 2.37 | | |
| GRP42810 | 23 | 1322 | 1357 | 1326 | N07 | W16 | .363 | 11748 | 22.4 | 35 | 1N | | | | | 3.04 | | 5 5 5 5 | |
| RAMY | 23 | 1319 | 1403 | 1322 | N07 | W16 | .363 | 11748 | 22.4 | 44 | 1N | 3 | C | | | 2.51 | | F | |
| TEHR | 23 | 1321 | 1325D | 1324 | N06 | W16 | .353 | 11748 | 22.4 | 4D | -B | 3 | C | | | .36 | | F | |
| ARCE | 23 | 1321 | 1357 | 1332 | N07 | W17 | .375 | 11748 | 22.3 | 36 | 1F | | C | 1332 | | 2.55 | 2.70 | K | |
| CANR | 23 | 1322 | 1357 | 1324 | N06 | W16 | .353 | 11748 | 22.4 | 35 | -N | 2 | C | 1324 | | 1.51 | 1.56 | | |
| WEND | 23 | 1326 | 1358 | | N09 | W16 | .385 | 11748 | 22.4 | 32 | 2F | | P | | | 8.25 | | | |
| RAMY | 23 | 1331 | 1354 | 1333 | N09 | W15 | .374 | 11748 | 22.4 | 23 | -N | 3 | C | | | .46 | | D | |

26
Feb 72

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | | | | | | |
|-------------|-------------|-------|-------|------------|----------|------------|---------------------|----------------------------|------------|------------------|----------------------|--------------------|--------------|---------------------------|---------------------------|-----------------------------|-------------------|---------|--|---|---------|---------|----|---|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MG MATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | | | | | | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | | | | | | | |
| 811 | RAMY | 23 | 1353 | 1404 | 1357 | S19 | E18 | .361 | 11751 | 24.9 | 110 | --F | 3 | C | | .56 | | | | D | 4 | | | |
| GRP42813 | LOCK | 23 | 1738 | 1752 | 1743 | N07 | W22 | .440 | 11748 | 22.1 | 14 | --F | | C | | .37 | | | | | 2 2 1 4 | | | |
| | RAMY | 23 | 1738 | 1752 | 1743 | N06 | W21 | .418 | 11748 | 22.2 | 14 | -F | | C | | | | | | | D | | | |
| | RAMY | 23 | 1742E | 1746D | 1743 | N07 | W22 | .440 | 11748 | 22.1 | 40 | -N | 2 | C | | .37 | | | | | | | | |
| 814 | LOCK | 23 | 1750 | 1800 | 1754 | S19 | E17 | .348 | 11751 | 25.0 | 10 | --F | | C | | | | | | | H | 3 | | |
| GRP42815 | LOCK | 23 | 1901 | 1915 | 1906 | N06 | W19 | .391 | 11748 | 22.4 | 14 | --F | | C | | .54 | | | | | | 2 2 1 2 | | |
| | BOUL | 23 | 1859 | 1916 | 1904 | N06 | W19 | .391 | 11748 | 22.4 | 17 | -F | | C | | | | | | | | | | |
| | BOUL | 23 | 1903 | 1913 | 1907 | N06 | W18 | .378 | 11748 | 22.4 | 10 | -N | 2 | C | 1907 | .54 | .58 | | | | | | | |
| GRP42816 | BOUL | 23 | 1927 | 1953 | 1932 | N15 | W16 | .457 | 11748 | 22.6 | 26 | -N | | C | | 1.08 | | | | | | 3 2 1 3 | | |
| | LOCK | 23 | 1926 | 1950 | 1932 | N14 | W15 | .436 | 11748 | 22.7 | 24 | -N | 1 | C | 1932 | 1.08 | 1.20 | | | | | | | |
| | RAMY | 23 | 1927 | 1955 | 1932 | N16 | W16 | .470 | 11748 | 22.6 | 28 | -N | | C | | | | | | | | | | |
| | RAMY | 23 | 1945E | 2000 | 1946 | N16 | W14 | .453 | 11748 | 22.8 | 150 | -N | 2 | C | | .93 | | | | | | D | | |
| GRP42817 | BOUL | 23 | 1938 | 1948 | 1942 | S19 | E17 | .348 | 11751 | 25.1 | 10 | --N | | C | | .45 | | | | | | 3 3 2 3 | | |
| | LOCK | 23 | 1937 | 1947 | 1940 | S19 | E16 | .335 | 11751 | 25.0 | 10 | -N | 2 | C | 1940 | .43 | .46 | | | | | | | |
| | RAMY | 23 | 1938 | 1950 | 1942 | S19 | E17 | .348 | 11751 | 25.1 | 12 | -N | | C | | | | | | | | H | | |
| | RAMY | 23 | 1945E | 1948 | 1945 | S18 | E17 | .339 | 11751 | 25.1 | 30 | -N | 1 | C | | .46 | | | | | | | D | |
| GRP42818 | LOCK | 23 | 2009 | 2022 | 2011 | S08 | W60 | .861 | 11743 | 19.3 | 13 | --N | | C | | .41 | | | | | | 3 3 2 3 | | |
| | RAMY | 23 | 2007 | 2020 | 2010 | S08 | W61 | .870 | 11743 | 19.3 | 13 | -F | | C | | | | | | | | | | |
| | BOUL | 23 | 2008 | 2018D | 2009 | S07 | W59 | .853 | 11743 | 19.4 | 100 | -N | 1 | C | | .37 | | | | | | D | | |
| | BOUL | 23 | 2012 | 2023 | 2013 | S08 | W60 | .861 | 11743 | 19.3 | 11 | -N | 3 | V | 2013 | .45 | .90 | | | | | | | |
| GRP42819 | LOCK | 23 | 2112 | 2122 | 2117 | S19 | E15 | .323 | 11751 | 25.0 | 10 | --F | | C | | .27 | | | | | | 2 2 1 3 | | |
| | PALE | 23 | 2112 | 2122 | 2116 | S19 | E15 | .323 | 11751 | 25.0 | 10 | -F | | C | | | | | | | | H | | |
| | PALE | 23 | 2118E | 2120D | 2118 | S19 | E15 | .323 | 11751 | 25.0 | 20 | -F | 2 | C | | .27 | | | | | | | | |
| GRP42820 | LOCK | 23 | 2135 | 2152 | 2138 | N05 | W28 | .507 | 11748 | 21.8 | 17 | --N | | C | | .65 | | | | | | 2 2 1 3 | | |
| | BOUL | 23 | 2133 | 2152 | 2138 | N05 | W29 | .521 | 11748 | 21.7 | 19 | -N | | C | | | | | | | | | | |
| | BOUL | 23 | 2136 | 2138D | 2137 | N04 | W26 | .473 | 11748 | 21.9 | 20 | -N | 1 | C | 2137 | .65 | .74 | | | | | | | |
| GRP42821 | LOCK | 23 | 2222 | 2252 | 2228 | S14 | W40 | .641 | 11743 | 20.9 | 30 | --N | | C | | .45 | | | | | | 2 1 1 3 | | |
| | BOUL | 23 | 2222 | 2252 | 2228 | S14 | W40 | .641 | 11743 | 20.9 | 30 | -N | | C | | | | | | | | | | |
| | BOUL | 23 | 2244 | 2246 | 2244 | S12 | W44 | .690 | 11743 | 20.6 | 2 | -F | 1 | V | 2244 | .45 | .60 | | | | | | | |
| 822 | LOCK | 23 | 2223 | 2234 | 2227 | S08 | W64 | .894 | 11743 | 19.1 | 11 | --F | | C | | | | | | | | H | 2 | |
| 823 | LOCK | 23 | 2248 | 2300 | 2252 | N06 | W22 | .431 | 11748 | 22.3 | 12 | --F | | C | | | | | | | | | 2 | |
| 824 | LOCK | 23 | 2310 | 2318 | 2312 | S08 | W62 | .878 | 11743 | 19.3 | 8 | --F | | C | | | | | | | | | H | 3 |
| GRP42831 | CRON | 24 | 0430 | 0443 | 0434 | S14 | E13 | .250 | 11751 | 25.2 | 13 | --F | | C | | .72 | | | | | | 2 2 2 5 | | |
| | TEHR | 24 | 0429E | 0440 | | S14 | E14 | .265 | 11751 | 25.2 | 110 | -F | 3 | V | | .55 | | | | | | | | |
| | TEHR | 24 | 0431 | 0445 | 0434 | S13 | E12 | .228 | 11751 | 25.1 | 14 | -N | 3 | C | | .88 | | | | | | | FU | |
| GRP42832 | TEHR | 24 | 0513 | 0520 | 0517 | S18 | E14 | .300 | 11751 | 25.3 | 7 | --F | | C | | .41 | | | | | | 2 2 2 3 | | |
| | CRON | 24 | 0513 | 0520 | 0517 | S17 | E13 | .277 | 11751 | 25.2 | 7 | -N | 4 | C | | .41 | | | | | | | D | |
| | CRON | 24 | 0513E | 0519 | | S18 | E14 | .300 | 11751 | 25.3 | 60 | -F | 3 | V | | .40 | | | | | | | | |
| GRP42833 | KODA | 24 | 0533 | 0543 | 0535 | N09 | W29 | .546 | 11748 | 22.1 | 10 | --N | | C | | .68 | | | | | | 2 2 2 3 | | |
| | TEHR | 24 | 0532 | 0541 | 0532 | N08 | W27 | .513 | 11748 | 22.2 | 9 | -N | | V | 0532 | .95 | .95 | 1.84 | | | | | D | |
| | TEHR | 24 | 0533 | 0544 | 0537 | N09 | W30 | .559 | 11748 | 22.0 | 11 | -N | 4 | C | | .41 | | | | | | | | |
| GRP42834 | ABST | 24 | 0659 | 0714 | 0703 | N14 | W23 | .517 | 11748 | 22.6 | 15 | -N | | C | | 1.01 | | | | | | 5 5 5 5 | | |
| | TEHR | 24 | 0657E | 0722D | 0702 | N15 | W23 | .527 | 11748 | 22.6 | 250 | 1F | | P | 0702 | 1.80 | 2.10 | | | | | | E | |
| | CRON | 24 | 0658 | 0713 | 0703 | N14 | W24 | .528 | 11748 | 22.5 | 15 | -N | 4 | C | | 1.03 | | | | | | | F | |
| | KODA | 24 | 0700 | 0710 | 0703 | N13 | W22 | .496 | 11748 | 22.6 | 10 | -F | 2 | C | 0703 | .43 | .50 | | | | | | | |
| | ATHN | 24 | 0702 | 0712 | 0702 | N12 | W24 | .509 | 11748 | 22.5 | 10 | -N | | P | 0708 | .94 | .94 | 1.84 | | | | | | |
| | ATHN | 24 | 0705E | 0712D | 0705 | N16 | W22 | .527 | 11748 | 22.6 | 70 | -N | 2 | C | | .83 | | | | | | | F | |
| GRP42836 | ATHN | 24 | 0840 | 0848 | 0841 | S15 | E12 | .245 | 11751 | 25.3 | 8 | --F | | C | | .36 | | | | | | 2 2 2 7 | | |
| | HTPR | 24 | 0838 | 0848 | 0840 | S14 | E11 | .222 | 11751 | 25.2 | 10 | -F | 2 | C | | .50 | | | | | | | D | |
| | HTPR | 24 | 0841 | 0848 | 0842 | S15 | E12 | .245 | 11751 | 25.3 | 7 | -F | | C | 0842 | .21 | .20 | | | | | | E | |
| GRP42838 | ATHN | 24 | 0903 | 0915 | 0904 | S13 | E11 | .213 | 11751 | 25.2 | 12 | --F | | C | | .65 | | | | | | 2 2 2 7 | | |
| | HTPR | 24 | 0900 | 0915 | 0904 | S13 | E10 | .199 | 11751 | 25.1 | 15 | -N | 2 | C | | .99 | | | | | | | D | |
| | HTPR | 24 | 0905 | 0909D | | S12 | E12 | .221 | 11751 | 25.3 | 40 | -F | | C | 0905 | .31 | .30 | | | | | | | |
| GRP42839 | TEHR | 24 | 0908 | 0931 | 0911 | N12 | W17 | .431 | 11748 | 23.1 | 23 | --F | | C | | .13 | | | | | | 2 2 2 6 | | |
| | ATHN | 24 | 0907 | 0931 | 0910 | N09 | W13 | .353 | 11748 | 23.4 | 24 | -N | 3 | C | | .09 | | | | | | | D | |
| | ATHN | 24 | 0909 | 0922D | 0912 | N15 | W21 | .506 | 11748 | 22.8 | 130 | -F | 2 | C | | .17 | | | | | | | D | |
| GRP42841 | ZURI | 24 | 1112 | 1124 | 1119 | S19 | E09 | .255 | 11751 | 25.1 | 12 | -N | | C | | 1.19 | | | | | | 2 2 2 5 | | |
| | TEHR | 24 | 1112 | 1125 | 1119 | S20 | E10 | .278 | 11751 | 25.2 | 13 | 1N | | C | 1119 | 2.10 | 2.20 | | | | | | | |
| | TEHR | 24 | 1117E | 1122 | 1118 | S18 | E08 | .231 | 11751 | 25.1 | 50 | -N | 4 | C | | .28 | | | | | | | F | |

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| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | |
|-------------|-------------|-------|------|------------|--------------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hc | | MAX. INT. % |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42843 | 24 | 1234 | 1312 | 1242 | N10 | W27 | .528 | 11748 | 22.5 | 38 | -N | | | | | | | 5 5 5 5 |
| CANR | 24 | 1230 | 1300 | 1236 | N09 | W30 | .559 | 11748 | 22.3 | 30 | -N | 3 | V | 1235 | 1.70 | .80 | .90 | |
| RAMY | 24 | 1233 | 1317 | 1240 | N12 | W27 | .544 | 11748 | 22.5 | 44 | -N | 2 | C | | 1.39 | | | D |
| ZURI | 24 | 1234 | 1320 | 1243 | N10 | W25 | .503 | 11748 | 22.6 | 46 | 1N | | C | 1243 | 3.78 | 4.40 | | |
| HTPR | 24 | 1235 | 1318 | 1248 | N12 | W29 | .568 | 11748 | 22.3 | 43 | -F | | C | 1248 | 1.86 | 2.00 | | E |
| TEHR | 24 | 1238 | 1303 | 1243 | N08 | W23 | .461 | 11748 | 22.8 | 25 | -N | 4 | C | | .67 | | | F |
| GRP42844 | 24 | 1407 | 1416 | 1408 | S19 | E08 | .245 | 11751 | 25.2 | 9 | --F | | | | .26 | | | 2 2 2 6 |
| MEUD | 24 | 1406 | 1413 | 1407 | S18 | E07 | .222 | 11751 | 25.1 | 7 | -F | | C | 1407 | .21 | .20 | | |
| HTPR | 24 | 1407 | 1418 | 1409 | S20 | E09 | .268 | 11751 | 25.3 | 11 | -F | | C | 1409 | .31 | .30 | | |
| GRP42845 | 24 | 1649 | 1704 | 1652 | S18 | E07 | .222 | 11751 | 25.2 | 15 | --N | | | | .29 | | | 3 3 2 3 |
| LOCK | 24 | 1648 | 1705 | 1653 | S19 | E06 | .229 | 11751 | 25.1 | 17 | -N | | C | | | | | |
| RAMY | 24 | 1650 | 1704 | 1651 | S18 | E08 | .231 | 11751 | 25.3 | 14 | -N | 3 | C | | .37 | | | D |
| CANR | 24 | 1650 | 1703 | 1652 | S18 | E06 | .214 | 11751 | 25.2 | 13 | -N | 2 | V | 1652 | .20 | .20 | | |
| GRP42846 | 24 | 1844 | 1920 | 1856 | N11 | W30 | .573 | 11748 | 22.5 | 36 | -N | | | | 1.22 | | | 4 4 3 4 |
| BOUL | 24 | 1840 | 1915 | 1853 | N10 | W30 | .566 | 11748 | 22.5 | 35 | -N | 2 | C | 1853 | .75 | .91 | | |
| BOUL | 24 | 1840 | 1844 | 1840 | N12 | W27 | .544 | 11748 | 22.8 | 4 | -F | 2 | V | 1840 | 1.00 | 1.00 | | |
| RAMY | 24 | 1841 | 1928 | 1900 | N10 | W30 | .566 | 11748 | 22.5 | 47 | -N | 3 | C | | 1.21 | | | D |
| LOCK | 24 | 1842 | 1920 | 1855 | N11 | W31 | .585 | 11748 | 22.5 | 38 | -N | | C | | | | | |
| HUAN | 24 | 1851 | 1915 | 1854 | N11 | W31 | .585 | 11748 | 22.5 | 24 | -B | 1 | C | 1854 | 1.70 | 2.08 | | E |
| GRP42847 | 24 | 2014 | 2029 | 2018 | N11 | W29 | .560 | 11748 | 22.7 | 15 | --F | | | | .69 | | | 3 3 2 4 |
| LOCK | 24 | 2012 | 2030 | 2017 | N10 | W31 | .578 | 11748 | 22.5 | 18 | -F | | C | | | | | |
| BOUL | 24 | 2015 | 2030 | 2017 | N12 | W29 | .568 | 11748 | 22.7 | 15 | -F | 2 | V | 2017 | .45 | .50 | | |
| RAMY | 24 | 2016 | 2028 | 2020 | N11 | W28 | .548 | 11748 | 22.7 | 12 | -F | 1 | C | | .93 | | | D |
| GRP42848 | 24 | 2055 | 2113 | 2101 | N10 | W31 | .578 | 11748 | 22.5 | 18 | --F | | | | .74 | | | 2 2 1 2 |
| LOCK | 24 | 2054 | 2110 | 2059 | N10 | W31 | .578 | 11748 | 22.5 | 16 | -F | | C | | | | | |
| RAMY | 24 | 2055 | 2116 | 2102 | N10 | W31 | .578 | 11748 | 22.5 | 21 | -N | 2 | C | | .74 | | | D |
| 849 LOCK | 24 | 2107 | 2114 | 2109 | S07 | E83 | .991 | 11760 | 2.1 | 7 | --F | | C | | | | | H 2 |
| 850 LOCK | 24 | 2205 | 2222 | 2211 | S07 | E83 | .991 | 11760 | 2.1 | 17 | --F | | C | | | | | H 2 |
| GRP42852 | 25 | 0334 | 0357 | 0339 | N10 | W35 | .627 | 11748 | 22.5 | 23 | -N | | | | .78 | | | 4 4 3 7 |
| CRON | 25 | 0333E | 0348 | 0338 | N09 | W37 | .646 | 11748 | 22.4 | 15 | -F | 3 | V | 0338 | .80 | | | |
| PALE | 25 | 0333E | 0344 | 0337 | N10 | W34 | .615 | 11748 | 22.6 | 11 | -N | 2 | C | | .72 | | | F |
| TEHR | 25 | 0336 | 0356 | 0341 | N09 | W35 | .622 | 11748 | 22.5 | 20 | -N | 2 | C | | | | | F |
| MANI | 25 | 0337E | 0408 | 0339 | N11 | W35 | .633 | 11748 | 22.5 | 31 | -B | 2 | | 0339 | .83 | 1.06 | | |
| GRP42853 | 25 | 0710 | 0715 | 0713 | N10 | W37 | .651 | 11748 | 22.5 | 5 | --F | | | | 1.26 | | | 2 2 1 6 |
| ABST | 25 | 0710E | 0714 | 0712 | N10 | W37 | .651 | 11748 | 22.5 | 4 | -F | | C | 0712 | 1.26 | 1.60 | | E |
| TEHR | 25 | 0710 | 0715 | 0713 | N10 | W36 | .639 | 11748 | 22.6 | 5 | -N | 4 | C | | | | | D |
| GRP42857 | 25 | 1441 | 1504 | 1448 | S20 | W03 | .228 | 11751 | 25.4 | 23 | --F | | | | .86 | | | 2 2 2 3 |
| RAMY | 25 | 1441 | 1504 | 1446 | S19 | W03 | .211 | 11751 | 25.4 | 23 | -F | 2 | C | | .56 | | | F |
| CATA | 25 | 1450E | 1455 | 1450 | S21 | W03 | .244 | 11751 | 25.4 | 5 | -N | | P | 1450 | 1.16 | 1.19 | | 182 |
| 858 RAMY | 25 | 1603 | 1608 | 1604 | N07 | W46 | .743 | 11748 | 22.2 | 5 | --F | 2 | C | | .28 | | | D 2 |
| 859 LOCK | 25 | 1834 | 1852 | 1842 | S16 | W70 | .933 | 11743 | 20.5 | 18 | --F | | C | | | | | 2 |
| GRP42861 | 25 | 2020 | 2034 | 2023 | N07 | W48 | .765 | 11748 | 22.2 | 14 | --F | | | | | | | 2 2 0 4 |
| LOCK | 25 | 2020 | 2034 | 2023 | N06 | W48 | .762 | 11748 | 22.2 | 14 | -F | | C | | | | | |
| PALE | 25 | 2026E | 2033 | 2030 | N08 | W47 | .758 | 11748 | 22.3 | 7 | -F | 1 | C | | | | | F |
| 863 PALE | 26 | 0132 | 0146 | 0134 | N17 | W45 | .773 | 11748 | 22.7 | 14 | --N | 3 | C | | .55 | | | F 3 |
| 864 PALE | 26 | 0245 | 0308 | 0250 | S07 | E75 | .963 | 11760 | 2.7 | 23 | --F | 2 | C | | .55 | | | 4 |
| 865 TEHR | 26 | 0411 | 0416 | 0412 | S14 | W04 | .137 | 11751 | 25.9 | 5 | --F | 3 | C | | | | | D 4 |
| GRP42866 | 26 | 0502 | 0512 | 0505 | S16 | W13 | .267 | 11751 | 25.2 | 10 | --N | | | | .83 | | | 4 3 3 6 |
| TACH | 26 | 0502 | 0513 | 0504 | S16 | W14 | .281 | 11751 | 25.2 | 11 | -N | | C | 0504 | 1.37 | 1.43 | 1.53 | 48 |
| MANI | 26 | 0505E | 0509 | 0505 | S18 | W13 | .287 | 11751 | 25.2 | 4 | -N | 1 | | 0505 | .72 | .76 | | |
| CRON | 26 | 0505E | 0513 | 0509 | S14 | W12 | .236 | 11751 | 25.3 | 8 | -F | 3 | V | | .40 | | | |
| TEHR | 26 | 0505E | 0515 | 0509 | S14 | W04 | .137 | 11751 | 25.9 | 10 | -N | 4 | C | | | | | FU |
| GRP42872 | 26 | 0815 | 0823 | 0817 | N12 | W53 | .830 | 11748 | 22.4 | 8 | --N | | | | .30 | | | 3 3 3 7 |
| TEHR | 26 | 0815E | 0822 | 0816 | N12 | W52 | .821 | 11748 | 22.4 | 7 | -N | 3 | C | | .19 | | | D |
| HTPR | 26 | 0815 | 0822 | 0817 | N12 | W55 | .848 | 11748 | 22.2 | 7 | -N | | C | 0817 | .31 | .50 | | |
| CRON | 26 | 0815E | 0824 | 0817 | N12 | W52 | .821 | 11748 | 22.4 | 9 | -F | 3 | V | | .40 | | | |
| GRP42874 | 26 | 0935 | 1000 | 0951 | S13 | W72 | .945 | 11743 | 21.0 | 25 | --F | | | | .21 | | | 2 1 1 6 |
| HTPR | 26 | 0935 | 1000 | 0951 | S13 | W72 | .945 | 11743 | 21.0 | 25 | -F | | C | 0951 | .21 | | | |
| TEHR | 26 | 0935 | 0943 | 0938 | S14 | W75 | .960 | 11743 | 20.8 | 8 | -F | 4 | C | | .09 | | | D |

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| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|---|-------------|-------|-------|------------|--------------|--------------------|------------------|----------------------|------------------|----------------------|--------------------|--------------|---------|---------------------|---------------------|---------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | APPROX. MER. DIST. | CENTRAL DISTANCE | MC MATH PLAGE REGION | | | | CMP DAY | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | | MAX. INT. % |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42876 | 26 | 1041 | 1046 | 1044 | N13 | W60 | .890 | 11748 | 21.9 | 5 | --F | | | | | | 2 2 2 5 | |
| HTPR | 26 | 1040 | 1047 | 1044 | N13 | W62 | .905 | 11748 | 21.8 | 7 | -F | C | 1044 | .15 | .30 | | | |
| TEHR | 26 | 1041 | 1045 | 1043 | N12 | W57 | .865 | 11748 | 22.2 | 4 | -N | 4 C | | .21 | | | D | |
| 3 STATIONS REPORTING GROUP 42880. 4 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42880 | 26 | 1150 | 1229 | 1159 | S15 | W16 | .301 | 11751 | 25.3 | 39 | --N | | | | | | 2 2 2 6 | |
| TEHR | 26 | 1142 | 1230 | 1159 | S16 | W16 | .309 | 11751 | 25.3 | 48 | -N | 4 C | | .64 | | | | |
| CAPS | 26 | 1158 | 1227 | | S14 | W16 | .295 | 11751 | 25.3 | 29 | -N | 1 P | 1158 | .28 | 1.00 | 1.00 | 182 C | |
| 42880 | 26 | 1142 | 1230 | 1143 | S16 | W16 | .309 | 11751 | 25.3 | 48 | *-N | | | .19 | | | 2 1 1 6 | |
| TEHR | 26 | 1142 | 1230 | 1143 | S16 | W16 | .309 | 11751 | 25.3 | 48 | -N | 4 C | | .19 | | | F | |
| CATA | 26 | 1215E | 1225D | 1215 | S13 | W16 | .289 | 11751 | 25.3 | 100 | -N | P | 1215 | .69 | .73 | | 178 T | |
| GRP42882 | 26 | 1226 | 1231 | 1228 | S07 | E72 | .948 | 11760 | 2.9 | 5 | -N | | | .42 | | | 2 2 2 8 | |
| RAMY | 26 | 1226E | 1232 | 1227 | S07 | E72 | .948 | 11760 | 2.9 | 60 | -N | 2 C | | .74 | | | D | |
| TEHR | 26 | 1227E | 1230 | 1228 | S07 | E72 | .948 | 11760 | 2.9 | 30 | -N | 3 C | | .09 | | | D | |
| GRP42884 | 26 | 1242 | 1357 | 1327 | S13 | W78 | .973 | 11743 | 20.7 | 75 | -N | | | .41 | | | 4 2 2 6 | |
| HTPR | 26 | 1242 | 1357 | 1347 | S15 | W75 | .960 | 11743 | 20.9 | 75 | -N | C | 1347 | .41 | | | E | |
| TEHR | 26 | 1250 | 1303 | 1253 | S14 | W77 | .969 | 11743 | 20.8 | 13 | -N | 3 C | | .09 | | | D | |
| CAPS | 26 | 1321 | 1350 | | S10 | W80 | .982 | 11743 | 20.6 | 29 | -N | 2 V | 1322 | .29 | | | 182 C | |
| CATA | 26 | 1340E | 1350D | 1340 | S11 | W80 | .981 | 11743 | 20.6 | 100 | -N | P | 1340 | .40 | | | 166 | |
| 885 | HTPR | 26 | 1425 | 1434 | 1431 | S15 | W75 | .960 | 11743 | 21.0 | 9 | -N | C | 1431 | .41 | | | 3 |
| 886 | MCMA | 26 | 1447 | 1531 | | S13 | W82 | .987 | 11743 | 20.5 | 44 | -N | C | 1510 | | | | E 3 |
| GRP42887 | 26 | 1647 | 1716 | 1652 | S14 | W20 | .355 | 11751 | 25.2 | 29 | --N | | | .63 | | | 5 4 3 5 | |
| CANR | 26 | 1646 | 1705 | 1650 | S16 | W22 | .395 | 11751 | 25.0 | 19 | -N | 2 C | 1650 | .32 | .35 | | | |
| LOCK | 26 | 1647 | 1722 | 1651 | S13 | W19 | .335 | 11751 | 25.3 | 35 | -N | C | | | | | | |
| MCMA | 26 | 1648 | 1745D | 1651 | S14 | W20 | .355 | 11751 | 25.2 | 270 | -N | C | 1651 | .72 | .80 | | E | |
| BOUL | 26 | 1655E | 1715 | 1655U | S14 | W18 | .325 | 11751 | 25.4 | 200 | -N | 2 C | 1655 | .86 | .91 | | F | |
| PALE | 26 | 1705E | 1722 | | S11 | W21 | .360 | 11751 | 25.1 | 170 | -F | 1 C | | | | | | |
| GRP42888 | 26 | 1718 | 1752 | 1730 | S14 | W83 | .989 | 11743 | 20.5 | 34 | -N | | | .32 | | | 3 3 1 5 | |
| LOCK | 26 | 1715 | 1805 | 1730 | S14 | W83 | .989 | 11743 | 20.5 | 50 | -F | C | | | | | D | |
| MCMA | 26 | 1718 | 1748 | 1730 | S13 | W85 | .994 | 11743 | 20.3 | 30 | -N | C | 1730 | | | | | |
| BOUL | 26 | 1720 | 1743 | 1731 | S14 | W80 | .980 | 11743 | 20.7 | 23 | -N | 2 C | 1731 | .32 | | | | |
| GRP42889 | 26 | 1755 | 1808 | 1759 | S14 | W84 | .991 | 11743 | 20.4 | 13 | -N | | | .36 | | | 2 2 1 5 | |
| MCMA | 26 | 1754 | 1810 | 1800 | S13 | W85 | .994 | 11743 | 20.4 | 16 | -N | C | 1800 | | | | D | |
| PALE | 26 | 1755 | 1806 | 1758 | S15 | W83 | .989 | 11743 | 20.5 | 11 | -N | 3 C | | .36 | | | | |
| 5 STATIONS REPORTING GROUP 42890. 0 STATIONS OBSERVING AND NOT REPORTING. | | | | | | | | | | | | | | | | | | |
| GRP42890 | 26 | 1805 | 1830 | 1811 | S14 | W20 | .355 | 11751 | 25.3 | 25 | --N | | | .69 | | | 3 3 3 5 | |
| PALE | 26 | 1740 | 1828 | 1807 | S14 | W20 | .355 | 11751 | 25.2 | 48 | -B | 1 C | | .72 | | | | |
| BOUL | 26 | 1805 | 1930D | 1814 | S14 | W19 | .340 | 11751 | 25.3 | 85D | -N | 2 C | 1814 | .86 | .91 | | | |
| CANR | 26 | 1805 | 1832 | | S13 | W21 | .366 | 11751 | 25.2 | 27 | -F | 2 V | 1807 | .50 | | | | |
| 42890 | 26 | 1805 | 1900 | 1825 | S14 | W20 | .355 | 11751 | 25.3 | 55 | *-F | | | .77 | | | 3 2 1 5 | |
| PALE | 26 | 1740 | 1828 | 1743 | S14 | W20 | .355 | 11751 | 25.2 | 48 | -F | 1 C | | .45 | | | F | |
| MCMA | 26 | 1804 | 1915D | 1830 | S14 | W20 | .355 | 11751 | 25.3 | 71D | -N | C | 1830 | .77 | .80 | | E | |
| LOCK | 26 | 1805 | 1845 | 1820 | S13 | W19 | .335 | 11751 | 25.3 | 40 | -F | C | | | | | | |
| GRP42891 | 26 | 1805 | 1834 | 1814 | N11 | W43 | .725 | 11748 | 23.5 | 29 | -B | | | .98 | | | 5 5 4 5 | |
| PALE | 26 | 1804 | 1833 | 1810 | N10 | W42 | .710 | 11748 | 23.6 | 29 | -B | 3 C | | .91 | | | UD | |
| LOCK | 26 | 1805 | 1835 | 1815 | N09 | W44 | .728 | 11748 | 23.5 | 30 | -N | C | | | | | | |
| BOUL | 26 | 1805 | 1835 | 1818 | N11 | W42 | .714 | 11748 | 23.6 | 30 | -B | 2 C | 1818 | 1.29 | 1.81 | | | |
| CANR | 26 | 1805 | 1832 | 1813 | N12 | W43 | .730 | 11748 | 23.5 | 27 | -B | 2 V | 1812 | .70 | | | | |
| MCMA | 26 | 1806 | 1835 | 1815 | N11 | W42 | .714 | 11748 | 23.6 | 29 | -B | C | 1815 | 1.03 | 1.40 | | EH | |
| GRP42893 | 26 | 1917 | 2011 | 1928 | S16 | W19 | .352 | 11751 | 25.4 | 54 | 1B | | | 2.83 | | | 4 4 3 4 | |
| LOCK | 26 | 1915 | 2015 | 1935 | S17 | W19 | .358 | 11751 | 25.4 | 60 | 2F | C | | | | | | |
| PALE | 26 | 1917 | 2006D | 1925 | S17 | W18 | .344 | 11751 | 25.5 | 490 | 1B | 3 C | | 3.25 | | | ZF | |
| BOUL | 26 | 1917 | 2000 | 1923 | S15 | W21 | .375 | 11751 | 25.2 | 43 | 1B | 2 C | 1923 | 2.15 | 2.30 | | | |
| MCMA | 26 | 1917 | 2021D | 1927 | S16 | W19 | .352 | 11751 | 25.4 | 64D | 1B | C | 1927 | 3.09 | 3.30 | | FXZV | |
| GRP42894 | 26 | 1938 | 2040 | 1952 | S14 | W83 | .989 | 11743 | 20.6 | 62 | -N | | | .63 | | | 3 2 1 3 | |
| LOCK | 26 | 1930 | 2040 | 1950 | S14 | W83 | .989 | 11743 | 20.6 | 70 | -N | C | | | | | K | |
| PALE | 26 | 1945 | 2006D | 1954 | S14 | W83 | .989 | 11743 | 20.6 | 21D | -N | 3 C | | .63 | | | | |
| MCMA | 26 | 1946 | 2021D | 2010 | S13 | W87 | .997 | 11743 | 20.3 | 35D | -B | C | 2010 | | | | D | |
| GRP42895 | 26 | 2106 | 2140 | 2124 | S14 | W86 | .995 | 11743 | 20.4 | 34 | --F | | | | | | 2 2 0 2 | |
| LOCK | 26 | 2100 | 2140 | 2120 | S14 | W83 | .989 | 11743 | 20.6 | 40 | -F | C | | | | | | |
| MCMA | 26 | 2112 | 2139 | 2128 | S13 | W88 | .998 | 11743 | 20.3 | 27 | -N | C | 2128 | | | | E | |

SOLAR FLARES

Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | |
|-------------|-------------|-------|-------|------------|-----------------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| 1972 FEB | | | | | | | | | | | | | | | | | | |
| GRP42896 | 26 | 2140 | 2213 | 2158 | S16 | W22 | .395 | 11751 | 25.3 | 33 | --F | | | | | | | 2 2 1 2 |
| LOCK | 26 | 2140 | 2210 | 2155 | S14 | W23 | .400 | 11751 | 25.2 | 30 | -F | | | | | | | |
| LOCK | 26 | 2200 | 2208 | 2203 | S23 | W15 | .365 | 11751 | 25.8 | 8 | -F | | | | | | | |
| PALE | 26 | 2201E | 2216 | 2201 | S14 | W24 | .415 | 11751 | 25.1 | 15D | -F | 2 | C | | .27 | | | F |
| GRP42897 | 26 | 2203 | 2220 | 2206 | N07 | W62 | .894 | 11748 | 22.3 | 17 | --F | | | | | | | 2 2 1 2 |
| LOCK | 26 | 2202 | 2220 | 2205 | N07 | W62 | .894 | 11748 | 22.3 | 18 | -F | | | | | | | |
| PALE | 26 | 2203 | 2219 | 2206 | N07 | W61 | .887 | 11748 | 22.3 | 16 | -N | 2 | C | | .45 | | | F |
| GRP42898 | 26 | 2324 | 2338 | 2330 | N05 | W68 | .933 | 11748 | 21.9 | 14 | --F | | | | | | | 2 2 1 3 |
| LOCK | 26 | 2324 | 2340 | 2330 | N04 | W68 | .932 | 11748 | 21.9 | 16 | -F | | | | | | | |
| PALE | 26 | 2328E | 2336 | 2330 | N05 | W68 | .933 | 11748 | 21.9 | 8D | -N | 2 | C | | .62 | | | F |
| GRP42899 | 27 | 0038 | 0052 | 0042 | N12 | W63 | .910 | 11748 | 22.3 | 14 | --F | | | | | | | 2 2 2 3 |
| CRON | 27 | 0038 | 0052 | 0044 | N10 | W63 | .907 | 11748 | 22.3 | 14 | -F | 3 | V | 0044 | .61 | | | |
| PALE | 27 | 0040E | 0051 | 0040 | N13 | W63 | .912 | 11748 | 22.3 | 11D | -N | 3 | C | | .50 | | | F |
| GRP42900 | 27 | 0550 | 0603 | 0555 | N12 | W70 | .952 | 11748 | 22.0 | 13 | -N | | | | | | | 4 4 4 5 |
| CULG | 27 | 0546 | 0557D | 0555 | N13 | W68 | .943 | 11748 | 22.1 | 11D | 1N | | P | 0555 | .84 | | | |
| TACH | 27 | 0552 | 0604 | 0555 | N11 | W74 | .970 | 11748 | 21.7 | 12 | -N | | C | 0555 | .83 | | | R |
| CRON | 27 | 0553 | 0603 | | N12 | W68 | .941 | 11748 | 22.1 | 10 | -N | 3 | V | | .60 | | | E |
| MANI | 27 | 0555E | 0602 | 0555 | N10 | W71 | .955 | 11748 | 21.9 | 7D | -N | 1 | | 0555 | .60 | 1.81 | 48 | |
| GRP42901 | 27 | 0928 | 0943 | 0937 | N12 | W68 | .941 | 11748 | 22.3 | 15 | --N | | | | | | | 3 3 3 4 |
| CATA | 27 | 0925 | 0945 | 0935 | N13 | W69 | .948 | 11748 | 22.2 | 20 | -N | | C | 0935 | .34 | | | |
| TEHR | 27 | 0927E | 0940 | 0936 | N11 | W66 | .928 | 11748 | 22.4 | 13D | -N | 3 | C | | .52 | | | 199 |
| TEHR | 27 | 0927E | 0940 | 0929 | N11 | W66 | .928 | 11748 | 22.4 | 13D | -F | 3 | C | | .19 | | | D |
| HTPR | 27 | 0931 | 0945 | 0941 | N13 | W70 | .953 | 11748 | 22.1 | 14 | -F | | C | 0941 | .19 | | | |
| GRP42902 | 27 | 1228 | 1236 | 1230 | N10 | W74 | .969 | 11748 | 22.0 | 8 | -N | | | | | | | 2 2 1 4 |
| RAMY | 27 | 1227 | 1238 | 1229 | N09 | W74 | .968 | 11748 | 22.0 | 11 | -N | 3 | C | | .54 | | | D |
| CANR | 27 | 1229 | 1233 | 1231 | N11 | W74 | .970 | 11748 | 22.0 | 4 | -N | 2 | C | 1231 | .54 | | | |
| 903 LOCK | 27 | 1605 | 1612 | 1606 | S14 | W83 | .989 | 11743 | 21.4 | 7 | --F | | | | | | | H 3 |
| 904 PALE | 27 | 2153E | 2157D | 2155 | N11 | W77 | .981 | 11748 | 22.1 | 4D | --F | 1 | C | | .27 | | | 2 |
| GRP42905 | 27 | 2221 | 2237 | 2225 | S13 | W13 | .243 | 11754 | 27.0 | 16 | --F | | | | | | | 2 2 1 2 |
| LOCK | 27 | 2220 | 2235 | 2224 | S14 | W12 | .235 | 11754 | 27.0 | 15 | -F | | C | | .36 | | | |
| PALE | 27 | 2221 | 2239 | 2225 | S12 | W13 | .237 | 11754 | 27.0 | 18 | -F | 1 | C | | .36 | | | F |
| 908 HTPR | 28 | 1056 | 1102 | 1058 | S07 | E44 | .690 | 11760 | 2.8 | 6 | --F | | | 1058 | .31 | .40 | | 4 |
| GRP42909 | 28 | 1134 | 1154 | 1136 | S09 | E43 | .677 | 11760 | 2.7 | 20 | --F | | | | | | | 3 3 3 6 |
| RAMY | 28 | 1131E | 1158 | 1131 | S09 | E43 | .677 | 11760 | 2.7 | 27D | -N | 2 | C | | .24 | | | |
| CATA | 28 | 1135 | 1200 | 1140 | S10 | E42 | .664 | 11760 | 2.6 | 25 | -F | | P | 1140 | .21 | .40 | | 144 |
| HTPR | 28 | 1136 | 1145 | 1138 | S07 | E44 | .690 | 11760 | 2.8 | 9 | -F | | C | 1138 | .29 | .30 | | |
| GRP42911 | 28 | 1612 | 1638 | 1625 | N11 | W71 | .956 | 11748 | 23.4 | 26 | -N | | | | | | | 3 3 2 3 |
| BOUL | 28 | 1603E | 1620 | 1603E | N12 | W83 | .996 | 11748 | 22.4 | 17D | -N | 2 | V | 1603 | .67 | 2.00 | | |
| LOCK | 28 | 1620 | 1632 | 1625 | N11 | W70 | .951 | 11748 | 23.4 | 12 | -F | | C | | .50 | | | |
| RAMY | 28 | 1622E | 1632 | 1624 | N11 | W68 | .940 | 11748 | 23.6 | 10D | -N | 3 | C | | .74 | | | F |
| BOUL | 28 | 1625 | 1650 | 1625 | N10 | W70 | .950 | 11748 | 23.4 | 25 | -N | 2 | V | 1625 | .60 | 2.00 | | |
| GRP42912 | 28 | 1708 | 1723 | 1712 | S13 | W28 | .472 | 11754 | 26.6 | 15 | --F | | | | | | | 2 2 1 3 |
| LOCK | 28 | 1705 | 1715 | 1708 | S13 | W28 | .472 | 11754 | 26.6 | 10 | -F | | C | | .65 | | | |
| BOUL | 28 | 1711 | 1730 | 1715 | S13 | W27 | .457 | 11754 | 26.7 | 19 | -F | 3 | V | 1715 | .65 | .80 | | |
| GRP42914 | 28 | 1919 | 1933 | 1922 | S19 | W46 | .721 | 11751 | 25.4 | 14 | -N | | | | 1.21 | | | 4 4 3 4 |
| BOUL | 28 | 1917 | 1940 | 1921 | S18 | W47 | .731 | 11751 | 25.3 | 23 | -N | 3 | V | 1921 | 1.20 | 1.80 | | |
| RAMY | 28 | 1919 | 1931D | 1922 | S18 | W45 | .708 | 11751 | 25.4 | 12D | -N | 2 | C | | 1.77 | | | F |
| LOCK | 28 | 1920 | 1927 | 1922 | S21 | W46 | .725 | 11751 | 25.4 | 7 | -F | | C | | | | | |
| HUAN | 28 | 1921E | 1926D | | S20 | W45 | .712 | 11751 | 25.4 | 5D | -N | 1 | P | 1922 | .67 | .94 | | E |
| GRP42919 | 29 | 1403 | 1423 | 1404 | N20 | E27 | .616 | 11764 | 2.6 | 20 | --N | | | | | | | 5 5 5 7 |
| HTPR | 29 | 1401 | 1420 | 1404 | N23 | E25 | .627 | 11764 | 2.5 | 19 | -N | | C | 1404 | .70 | .80 | | G |
| RAMY | 29 | 1402 | 1422 | 1403 | N20 | E27 | .616 | 11764 | 2.6 | 20 | -N | 3 | C | | .72 | | | D |
| HUAN | 29 | 1402E | 1414D | | N20 | E26 | .607 | 11764 | 2.5 | 12D | -N | 1 | P | 1405 | .65 | .45 | | E |
| CATA | 29 | 1405 | 1425 | 1405 | N18 | E28 | .608 | 11764 | 2.7 | 20 | -B | | C | 1405 | .36 | .70 | | 229 |
| CAPS | 29 | 1407 | 1423 | | N19 | E28 | .616 | 11764 | 2.7 | 16 | -N | 1 | V | 1410 | 1.16 | 1.45 | | C |
| 920 HUAN | 29 | 1633 | 1644 | 1635 | S11 | E32 | .527 | 11760 | 3.1 | 11 | --F | 1 | C | 1635 | .60 | .70 | | D 3 |
| | 29 | 1732 | 1740 | | NO FLARE PATROL | | | | | | | | | | | | | |
| | 29 | 1751 | 1802 | | NO FLARE PATROL | | | | | | | | | | | | | |
| | 29 | 1804 | 1834 | | NO FLARE PATROL | | | | | | | | | | | | | |

SOLAR FLARES Confirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | | |
|-------------|-------------------|-------|------|------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|-------------|---------|--|---|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | | |
| 921 BOUL | 1972 FEB 29 | 1953E | 2001 | 1953E | N08 | W10 | .312 | 11759 | 29.1 | 80 | --F | 3 | V | 1953 | .45 | .45 | | | | 1 |

In the importance column "--" signifies the subflare has been confirmed by the NOAA grouping program but is not included in the I.A.U. Quarterly Bulletin on Solar Activity. These subflares are also not included in the Flare Index below.

| DAILY FLARE INDICES | | | | | | | | |
|---------------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|
| Date | Flare Index | HR OBS | Date | Flare Index | HR OBS | Date | Flare Index | HR OBS |
| 720201 | 7.99 | 24.0 | 720212 | 33.19 | 23.9 | 720221 | 121.00 | 23.4 |
| 720202 | 7.98 | 23.8 | 720213 | 203.17 | 24.0 | 720222 | 594.52 | 24.0 |
| 720203 | 10.94 | 24.0 | 720214 | 37.00 | 24.0 | 720223 | 73.93 | 24.0 |
| 720204 | 6.03 | 21.5 | 720215 | 415.30 | 24.0 | 720224 | 35.97 | 24.0 |
| 720205 | 0.00 | 22.5 | 720216 | 68.46 | 24.0 | 720225 | 3.21 | 24.0 |
| 720206 | 1.00 | 22.3 | 720217 | 86.05 | 24.0 | 720226 | 54.21 | 24.0 |
| 720209 | 1.78 | 23.8 | 720218 | 38.37 | 23.2 | 720227 | 5.26 | 24.0 |
| 720210 | 25.44 | 24.0 | 720219 | 91.67 | 24.0 | 720228 | 10.10 | 24.0 |
| 720211 | 18.52 | 24.0 | 720220 | 19.56 | 24.0 | 720229 | 0.00 | 23.2 |

When no Flare Index is given, it is 0 for that day.

Errata: This table replaces that published on page 18 of Solar-Geophysical Data, 335 - Part II, July 1972.

| DAILY FLARE INDICES | | | | | | | | |
|---------------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|
| Date | Flare Index | HR OBS | Date | Flare Index | HR OBS | Date | Flare Index | HR OBS |
| 720101 | 0.00 | 22.1 | 720112 | 0.00 | 23.1 | 720122 | 316.44 | 24.0 |
| 720102 | 4.74 | 22.0 | 720113 | 35.74 | 23.6 | 720123 | 47.51 | 23.4 |
| 720103 | 15.58 | 23.2 | 720114 | 98.45 | 24.0 | 720124 | 7.11 | 22.0 |
| 720104 | 0.00 | 20.8 | 720115 | 12.38 | 24.0 | 720125 | 12.79 | 24.0 |
| 720105 | 0.00 | 23.0 | 720116 | 108.12 | 23.9 | 720126 | 16.77 | 24.0 |
| 720106 | 17.39 | 23.5 | 720117 | 22.74 | 24.0 | 720127 | 0.93 | 20.8 |
| 720107 | 15.07 | 23.9 | 720118 | 4.56 | 24.0 | 720128 | 7.70 | 24.0 |
| 720108 | 6.93 | 24.0 | 720119 | 120.13 | 24.0 | 720129 | 109.81 | 23.0 |
| 720110 | 27.44 | 24.0 | 720120 | 57.27 | 24.0 | 720130 | 39.49 | 24.0 |
| 720111 | 0.00 | 23.6 | 720121 | 2.16 | 24.0 | 720131 | 39.35 | 24.0 |

Errata: The following times of No Flare Patrol should have been included in the flare list for January 1972 on pp 5-17 of Solar-Geophysical Data, 335 - Part II, July 1972:

1. 0442-0540, 0558-0632, 2027-2034, 2042-2049, 2123-2131
2. 2137-2218, 2253-2400
3. 0000-0029, 0140-0204, 1724-1734
4. 1434-1439, 1442-1449, 1558-1725, 1746-1750, 1758-1802, 1803-1808, 1940-2009, 2028-2059, 2103-2125, 2144-2145
5. 2125-2134, 2143-2150, 2151-2209, 2223-2247
6. 1932-1933, 2100-2119, 2139-2143
7. 2246-2250
11. 2124-2132, 2133-2137, 2147-2154
12. 0000-0003, 2035-2042, 2058-2108, 2111-2134, 2225-2240
13. 2350-2400
14. 0000-0011
16. 1505-1512
23. 0535-0557, 0558-0600, 2326-2336
24. 0015-0120, 0218-0315
27. 1800-1920, 1925-2015, 2037-2116, 2229-2252
29. 0520-0557, 2217-2239

SOLAR FLARES Unconfirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | | | | | |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|---------|-----|-------------|---|---|---|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | | | MAX. INT. % | | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | | | | |
| 326 TEHR | 01 | 0824 | 0830 | 0825 | S06 | E48 | .740 | 11719 | 5.0 | 6 | -F | 3 | C | | .09 | | | | D | 7 | | |
| 328 ATHN | 01 | 0832 | 0842 | 0835 | N11 | E26 | .515 | 11720 | 3.3 | 10 | -N | 3 | C | | .33 | | | | D | 7 | | |
| 335 ARCE | 02 | 1253 | 13160 | 1302 | S14 | W26 | .450 | 11722 | 31.6 | 230 | -F | | C | 1302 | .31 | .30 | | | E | 7 | | |
| 336 ARCE | 02 | 1254 | 13220 | 1305 | N09 | W26 | .500 | 11710 | 31.6 | 280 | -F | | C | 1305 | .43 | .50 | | | H | 7 | | |
| 344 MANI | 03 | 0348E | 0402 | 0351 | N11 | W32 | .590 | 11710 | 31.8 | 140 | -F | 2 | | 0351 | .83 | 1.00 | | | | 5 | | |
| 345 RAMY | 03 | 1135 | 1157 | 1139 | N11 | W37 | .651 | 11710 | 31.7 | 22 | -F | 1 | C | | .46 | | | | D | 7 | | |
| 349 CATA | 04 | 0905E | 0915 | 0905 | N06 | W52 | .802 | 11710 | 31.5 | 100 | -N | | P | 0905 | .52 | .91 | | 170 | | 6 | | |
| 352 CATA | 05 | 0730 | 0745 | 0735 | S20 | W06 | .257 | 11725 | 4.9 | 15 | -N | | C | 0735 | .46 | .48 | | 178 | T | 4 | | |
| GRP42353 | 05 | 0800 | 0855 | 0840 | S20 | W06 | .257 | 11725 | 4.9 | 55 | -N | | | | .69 | | | | 2 | 1 | 1 | 7 |
| CATA | 05 | 0800 | 0855 | 0840 | S20 | W06 | .257 | 11725 | 4.9 | 55 | -N | | C | 0840 | .69 | .72 | | 180 | T | | | |
| CAPS | 05 | 0825 | 08360 | | S21 | W04 | .262 | 11725 | 5.1 | 110 | -N | 2 | V | 0827 | .50 | .50 | | 171 | | | | |
| 354 HUAN | 05 | 1745 | 1757 | 1750 | S19 | W12 | .297 | 11725 | 4.8 | 12 | -F | 1 | C | 1750 | .38 | .40 | | | | 4 | | |
| 356 ATHN | 06 | 1047E | 1057 | 1049 | N07 | W77 | .978 | 11710 | 31.7 | 100 | -F | 2 | C | | .33 | | | | D | 5 | | |
| 357 CAPS | 06 | 1056E | 11000 | | N04 | W42 | .684 | 11720 | 3.3 | 40 | -F | 3 | V | 1057 | .50 | .70 | | 157 | | 5 | | |
| 358 ATHN | 06 | 1202 | 1212 | 1204 | S20 | W22 | .428 | 11725 | 4.9 | 10 | -N | 1 | C | | .66 | | | | D | 6 | | |
| 359 CATA | 06 | 1425E | 14450 | 1430 | S19 | W24 | .447 | 11725 | 4.8 | 200 | -N | | P | 1430 | .40 | .46 | | 162 | T | 7 | | |
| 360 LOCK | 06 | 2158 | 2208 | 2202 | N04 | W81 | .989 | 11710 | 31.8 | 10 | -F | | C | | | | | | | 4 | | |
| 361 MANI | 06 | 2355 | 0012 | 0001 | S07 | E31 | .512 | 11724 | 9.3 | 17 | -F | 2 | | 0001 | .21 | .24 | | | | 3 | | |
| 362 ATHN | 07 | 0811 | 0821 | 0814 | N08 | W90 | 1.000 | 11710 | 31.6 | 10 | -N | 3 | C | | | | | | D | 6 | | |
| 363 ATHN | 07 | 0820 | 0828 | 0823 | S08 | E31 | .512 | 11724 | 9.7 | 8 | -F | 3 | C | | .17 | | | | D | 6 | | |
| 365 ATHN | 07 | 0945 | 0959 | 0949 | N08 | W90 | 1.000 | 11710 | 31.7 | 14 | -N | 3 | C | | | | | | D | 6 | | |
| 366 RAMY | 07 | 1240 | 1252 | 1242 | S05 | E78 | .976 | 11729 | 13.4 | 12 | -F | 2 | C | | | | | | D | 5 | | |
| 367 RAMY | 07 | 1337 | 1355 | 1341 | S05 | E78 | .976 | 11729 | 13.4 | 18 | -F | 3 | C | | | | | | D | 4 | | |
| 371 CAPS | 08 | 0955E | 09570 | | N10 | W70 | .949 | 11720 | 3.2 | 20 | -N | 1 | S | 0956 | .30 | | | | C | 6 | | |
| 372 ATHN | 08 | 1035E | 10440 | 1041 | N16 | E86 | .999 | 11733 | 14.9 | 90 | -N | 2 | C | | | | | | D | 5 | | |
| 373 MCMA | 08 | 1345 | 1350 | 1347 | N17 | E90 | 1.001 | 11733 | 15.3 | 5 | -F | | C | 1347 | | | | | D | 4 | | |
| 374 MCMA | 08 | 1504 | 1515 | | N26 | E90 | 1.001 | 11733 | 15.4 | 11 | -F | | C | 1510 | | | | | | 7 | | |
| 375 BOUL | 08 | 1824 | 1847 | 1827 | N10 | W03 | .288 | 11723 | 8.5 | 23 | -F | 3 | V | 1827 | .30 | .30 | | | | 4 | | |
| 376 BOUL | 08 | 1913 | 1921 | 1915 | N17 | E80 | .991 | 11733 | 14.8 | 8 | -N | 3 | V | 1915 | .40 | 1.50 | | | | 4 | | |
| 378 MANI | 09 | 0442 | 0510 | 0447 | S08 | E58 | .843 | 11729 | 13.5 | 28 | -N | 2 | | 0447 | .72 | 1.27 | | | | 3 | | |
| 379 ATHN | 09 | 0715 | 0725 | 0718 | S08 | E53 | .794 | 11729 | 13.3 | 10 | -N | 2 | C | | .17 | | | | D | 6 | | |
| 380 ATHN | 09 | 0729 | 0737 | 0733 | N18 | E76 | .981 | 11733 | 15.0 | 8 | -F | 3 | C | | .50 | | | | F | 7 | | |
| 383 ATHN | 09 | 0845 | 0853 | 0847 | S08 | E53 | .794 | 11729 | 13.3 | 8 | -N | 3 | C | | .33 | | | | D | 8 | | |
| 384 ATHN | 09 | 0859 | 0905 | 0901 | S08 | E53 | .794 | 11729 | 13.3 | 6 | -N | 3 | C | | .50 | | | | D | 7 | | |
| 385 ATHN | 09 | 1433E | 1452 | 1434 | N06 | E61 | .884 | 11732 | 14.2 | 190 | -N | 3 | C | | .33 | | | | D | 5 | | |
| 388 RAMY | 09 | 1617 | 1629 | 1620 | N08 | E61 | .887 | 11732 | 14.3 | 12 | -F | 2 | C | | .36 | | | | D | 5 | | |
| 390 BOUL | 09 | 1753 | 1830 | 1819 | N17 | E67 | .941 | 11733 | 14.8 | 37 | -F | 3 | V | 1819 | .30 | .75 | | | | 4 | | |
| 392 LOCK | 09 | 2035 | 2120 | 2056 | S19 | E84 | .991 | 11734 | 16.2 | 45 | 1F | | C | | | | | | | 4 | | |
| 394 LOCK | 09 | 2340 | 2356 | 2350 | N13 | E60 | .889 | 11733 | 14.5 | 16 | -F | | C | | | | | | | 6 | | |
| 395 CRON | 10 | 0820E | 0850 | | S16 | E86 | .995 | 11734 | 16.8 | 300 | -F | 3 | V | | .60 | | | | | 9 | | |
| 396 HTPR | 10 | 0826 | 0831 | 0827 | N18 | E62 | .913 | 11733 | 15.0 | 5 | -F | | C | 0827 | .21 | .50 | | | D | 9 | | |

SOLAR FLARES
Unconfirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|------------|--------------|------------|------------------|---------------------|------------------|----------------------|--------------------|--------------|---------|---------------------|---------------------|---------------|----------|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | | | | CMP DAY | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Hg | |
| 400 RAMY | 1972 FEB 10 | 1353 | 1426 | 1357 | N15 | E53 | .837 | 11733 | 14.6 | 33 | -F 2 C | | .46 | | | | D 5 |
| 406 BOUL | 10 | 2017 | 2035E | 2024 | S14 | E77 | .970 | 11734 | 16.6 | 180 | -F 2 C | 2024 | .32 | | | | 4 |
| 410 PALE | 11 | 0247 | 0301 | 0254 | S16 | W85 | .993 | 11725 | 4.7 | 14 | -F 2 C | | .19 | | | | 4 |
| 412 ATHN | 11 | 0945E | 0946D | 0945 | S25 | E74 | .955 | 11734 | 17.0 | 10 | -N 2 C | | .17 | | | | D 5 |
| 413 TEHR | 11 | 1057 | 1123 | 1100 | S18 | W88 | .998 | 11725 | 4.9 | 26 | -N 3 C | | .09 | | | | D 5 |
| 414 CAPS | 11 | 1058E | 1109D | | S06 | W85 | .995 | 11739 | 5.1 | 110 | -N 2 V | 1059 | .30 | | | 167 | C 5 |
| 415 TEHR | 11 | 1102 | 1137 | 1111 | S13 | W28 | .474 | 11724 | 9.4 | 35 | -F 2 C | | .09 | | | | D 5 |
| 417 CATA | 11 | 1350E | 1400D | 1355 | S07 | W90 | 1.000 | 11719 | 4.8 | 100 | -N P | 1355 | .23 | | | 158 | 7 |
| 420 LOCK | 11 | 1928 | 1935 | 1930 | N04 | E81 | .989 | 11742 | 17.9 | 7 | -F C | | | | | | 6 |
| 421 HUAN | 11 | 1947 | 2010 | 1954U | N19 | E40 | .731 | 11733 | 14.8 | 23 | -F 1 C | 1954 | .41 | .60 | | | E 6 |
| 423 LOCK | 11 | 2115 | 2130 | 2120 | S10 | W83 | .990 | 11739 | 5.7 | 15 | -F C | | | | | | H 5 |
| 424 PALE | 11 | 2150 | 2159D | 2153 | S16 | E63 | .885 | 11734 | 16.6 | 90 | -F 2 C | | .36 | | | | F 5 |
| 425 LOCK | 11 | 2315 | 2340 | 2320 | S10 | W83 | .990 | 11739 | 5.7 | 25 | -F C | | | | | | 5 |
| 427 LOCK | 12 | 0007 | 0016 | 0010 | S09 | W83 | .990 | 11721 | 5.8 | 9 | -F C | | | | | | 6 |
| 438 TEHR | 13 | 0928 | 0937 | 0931 | N28 | E46 | .832 | 11741 | 16.8 | 9 | -N 3 C | | .19 | | | | D 6 |
| 440 ARCE | 13 | 0952 | 1000 | 0955 | N21 | E19 | .551 | 11733 | 14.8 | 8 | -F C | 0955 | .28 | .30 | | | 7 |
| 442 ATHN | 13 | 1223E | 1229D | 1223 | S14 | E80 | .981 | 11743 | 19.5 | 60 | -F 2 C | | .33 | | | | D 5 |
| 443 ATHN | 13 | 1354E | 1413D | 1354 | S14 | E80 | .981 | 11743 | 19.6 | 190 | -F 2 C | | .33 | | | | D 5 |
| 444 ATHN | 13 | 1354E | 1359 | 1354 | N19 | E19 | .527 | 11733 | 15.0 | 50 | -F 2 C | | .33 | | | | D 5 |
| 445 HUAN | 13 | 1442 | 1447 | 1445 | S15 | E39 | .631 | 11734 | 16.5 | 5 | -F 2 C | 1445 | .12 | .16 | | | D 4 |
| 449 RAMY | 13 | 1725 | 1758 | 1737 | S11 | E80 | .981 | 11743 | 19.7 | 33 | -F 2 C | | | | | | D 4 |
| 450 PALE | 13 | 1904 | 1920 | 1908 | S08 | W08 | .140 | 11729 | 13.2 | 16 | -F 2 C | | .36 | | | | F 4 |
| 451 LOCK | 13 | 1945 | 2005 | 1956 | S15 | E83 | .989 | 11743 | 20.0 | 20 | -F C | | | | | | 4 |
| 454 MANI | 14 | 0028 | 0052 | 0031 | S16 | E35 | .580 | 11734 | 16.6 | 24 | -F 2 | 0031 | .31 | .38 | | | 4 |
| 456 PALE | 14 | 0127 | 0142 | 0128 | S20 | E44 | .703 | 11734 | 17.4 | 15 | -N 3 C | | .36 | | | | 6 |
| 457 MITK | 14 | 0321 | 0328 | 0323 | N26 | E35 | .734 | 11741 | 16.8 | 7 | -N C | 0323 | 1.24 | 1.80 | | | D 5 |
| 478 MANI | 15 | 0515 | 0530 | 0521 | S21 | E30 | .534 | 11734 | 17.5 | 15 | -N 2 | 0521 | .83 | .88 | | | 6 |
| 481 ATHN | 15 | 0650E | 0701 | 0650 | S22 | E28 | .515 | 11734 | 17.4 | 110 | -F 2 C | | .33 | | | | D 6 |
| 483 ATHN | 15 | 0731 | 0740 | 0734 | S18 | E57 | .834 | 11743 | 19.6 | 9 | -F 3 C | | .50 | | | | D 5 |
| GRP42484 | 15 | 0738 | 0852 | 0742 | S17 | E16 | .320 | 11734 | 16.5 | 74 | -F | | .09 | | | | 2 1 1 7 |
| TEHR | 15 | 0738 | 0852 | 0742 | S17 | E16 | .320 | 11734 | 16.5 | 74 | -F 3 C | | .09 | | | | D |
| ARCE | 15 | 0818 | 0905D | 0848 | S16 | E15 | .298 | 11734 | 16.5 | 47D | -F C | 0848 | .65 | .70 | | | I |
| 486 ATHN | 15 | 0815 | 0827 | 0818 | S08 | E58 | .843 | 11743 | 19.7 | 12 | -F 2 C | | .50 | | | | D 8 |
| 488 TEHR | 15 | 0848 | 0901 | 0851 | S11 | E70 | .934 | 11743 | 20.6 | 13 | -N 3 C | | .19 | | | | F 10 |
| GRP42490 | 15 | 0854 | 0910 | 0901 | S14 | E17 | .312 | 11734 | 16.6 | 16 | -F | | .34 | | | | 2 2 2 10 |
| ARCE | 15 | 0848E | 0911D | | S12 | E18 | .317 | 11734 | 16.7 | 23D | -F C | 0856 | .59 | .60 | | | |
| TEHR | 15 | 0859 | 0908 | 0901 | S16 | E15 | .298 | 11734 | 16.5 | 9 | -F 3 C | | .09 | | | | F |
| 491 HTPR | 15 | 0915 | 0926 | 0921 | S20 | E25 | .463 | 11734 | 17.3 | 11 | -F C | 0921 | .72 | .80 | | | 9 |
| 492 TEHR | 15 | 0947 | 0953 | 0951 | S23 | E30 | .546 | 11734 | 17.7 | 6 | -F 3 C | | .19 | | | | D 5 |
| 497 WEND | 15 | 1333E | 1358D | | S22 | E24 | .465 | 11734 | 17.4 | 250 | 2F V | | 6.19 | | | | 7 |
| 500 BOUL | 15 | 1606 | 1616 | 1607 | S16 | E08 | .209 | 11734 | 16.3 | 10 | -F 2 V | 1607 | .75 | .75 | | | 6 |
| 501 HUAN | 15 | 1613 | 1624 | 1618 | S22 | E23 | .452 | 11734 | 17.4 | 11 | -F 2 C | 1618 | 1.11 | 1.25 | | | E 5 |

SOLAR FLARES

Unconfirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|---------|---------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | |
| * GRP42502 | 15 | 1729 | 1750 | 1733 | S07 | E53 | .794 | 11743 | 19.7 | 21 | -N | | | | | | | | 6 5 3 6 |
| LOCK | 15 | 1729 | 1740 | 1730 | S07 | E53 | .794 | 11743 | 19.7 | 11 | -N | | | | | | | | |
| RAMY | 15 | 1729 | 1747 | 1731 | S07 | E54 | .805 | 11743 | 19.8 | 18 | -N | 3 | C | | .72 | | | | F |
| HUAN | 15 | 1730 | 1750 | 1732 | S07 | E53 | .794 | 11743 | 19.7 | 20 | -N | 2 | C | 1732 | .89 | 1.41 | | | E |
| BOUL | 15 | 1731E | 1802 | 1732 | S06 | E53 | .795 | 11743 | 19.7 | 31D | -N | 2 | V | | | | | | |
| BOUL | 15 | 1731E | 1802 | 1740 | S06 | E53 | .795 | 11743 | 19.7 | 31D | -N | 2 | C | | .77 | | | | F |
| PALE | 15 | 1734E | 1749 | 1738 | S07 | E52 | .784 | 11743 | 19.6 | 15D | -N | 2 | C | | .80 | 1.00 | | | |
| CANR | 15 | 1744 | 1747D | | S04 | E52 | .786 | 11743 | 19.6 | 3D | -N | 2 | V | 1747 | | | | | |
| GRP42503 | 15 | 1800 | 1810 | 1803 | N07 | E86 | .999 | 11748 | 22.2 | 10 | -F | | | | .25 | | | | 2 2 1 6 |
| LOCK | 15 | 1800 | 1809 | 1803 | N08 | E81 | .991 | 11748 | 21.8 | 9 | -F | | | | | | | | |
| BOUL | 15 | 1802E | 1810 | 1802U | N05 | E90 | 1.000 | 11748 | 22.5 | 8D | -N | 2 | V | 1802 | .25 | 1.00 | | | |
| 506 PALE | 15 | 2002 | 2007 | 2003 | N10 | E88 | 1.000 | 11748 | 22.4 | 5 | -N | 1 | C | | .27 | | | | 4 |
| 510 CRON | 16 | 0305E | 0312 | | S12 | E48 | .738 | 11743 | 19.7 | 7D | -F | 3 | V | | .30 | | | | 5 |
| GRP42511 | 16 | 0320 | 0337 | 0329 | S21 | E10 | .294 | 11734 | 16.9 | 17 | -F | | | | .54 | | | | 2 2 2 7 |
| PALE | 16 | 0320 | 0338 | 0329 | S21 | E10 | .294 | 11734 | 16.9 | 18 | -F | 2 | C | | .55 | | | | H |
| MANI | 16 | 0328E | 0335 | 0328 | S21 | E10 | .294 | 11734 | 16.9 | 7D | -N | 2 | | 0328 | .52 | .54 | | | |
| 514 TACH | 16 | 0553 | 0615 | | N08 | E80 | .988 | 11748 | 22.2 | 22 | 1F | | C | 0556 | 3.65 | | 2.78 | 60 | EUY 5 |
| GRP42515 | 16 | 1023 | 1044 | | S21 | E11 | .304 | 11734 | 17.3 | 21 | 1N | | | | 3.09 | | | | 1 1 1 5 |
| WEND | 16 | 1023E | 1042 | | S22 | E14 | .347 | 11734 | 17.5 | 19D | 1N | | V | | 3.09 | | | | |
| WEND | 16 | 1025E | 1044D | | S20 | E08 | .263 | 11734 | 17.0 | 19D | -N | | | | | | | | |
| 516 WEND | 16 | 1057E | 1107D | | S07 | E41 | .652 | 11743 | 19.5 | 10D | -N | | | | | | | | 6 |
| 517 WEND | 16 | 1108E | 1116D | | S15 | E44 | .693 | 11743 | 19.8 | 8D | -N | | | | | | | | 6 |
| 518 TEHR | 16 | 1113 | 1125 | 1114 | N26 | E11 | .567 | 11741 | 17.3 | 12 | -N | 3 | C | | .09 | | | | D 6 |
| GRP42519 | 16 | 1128 | 1136 | 1131 | N10 | E84 | .997 | 11748 | 22.8 | 8 | -B | | | | .09 | | | | 2 2 1 7 |
| TEHR | 16 | 1116 | 1136 | 1126 | N10 | E84 | .997 | 11748 | 22.8 | 20 | -N | 3 | C | | .09 | | | | D |
| WEND | 16 | 1126E | 1136D | | N08 | E84 | .996 | 11748 | 22.8 | 10D | -B | | | | | | | | |
| TEHR | 16 | 1130 | 1137 | 1131 | N12 | E85 | .998 | 11748 | 22.9 | 7 | -B | 3 | C | | .09 | | | | F |
| 521 WEND | 16 | 1149 | 1204 | | N07 | E84 | .996 | 11748 | 22.8 | 15 | 1N | | V | | 3.09 | | | | 6 |
| 526 BOUL | 16 | 1610 | 1625 | 1610 | S20 | E04 | .237 | 11734 | 17.0 | 15 | -F | 2 | V | 1610 | .50 | .50 | | | 6 |
| 530 BOUL | 16 | 1756 | 1809 | 1758 | N13 | E83 | .996 | 11748 | 23.0 | 13 | -F | 2 | V | 1758 | .40 | 1.50 | | | 6 |
| 533 BOUL | 16 | 1900 | 1909 | 1901 | S20 | E09 | .272 | 11734 | 17.5 | 9 | -F | 2 | V | 1901 | .40 | .40 | | | 6 |
| 536 BOUL | 16 | 2109 | 2130 | 2110 | N13 | E80 | .990 | 11748 | 22.9 | 21 | -F | 2 | V | 2110 | .40 | 1.50 | | | 3 |
| 542 MANI | 16 | 2346 | 2353 | 2347 | N15 | E78 | .986 | 11748 | 22.8 | 7 | -N | 2 | | 2347 | .41 | 1.04 | | | 4 |
| 543 LOCK | 16 | 2354 | 0004 | 2358 | N09 | E77 | .979 | 11748 | 22.8 | 10 | -F | | C | | | | | | 4 |
| 551 MANI | 17 | 0731 | 0745 | 0732 | N12 | E70 | .952 | 11748 | 22.6 | 14 | -F | 2 | | 0732 | .21 | .46 | | | 4 |
| 552 ATHN | 17 | 0750 | 0812 | 0752 | S11 | E44 | .690 | 11743 | 20.6 | 22 | -F | 1 | C | | .33 | | | | D 5 |
| 553 ARCE | 17 | 0916E | 1001D | | S13 | E46 | .715 | 11743 | 20.8 | 45D | -F | | C | 0930 | .43 | .60 | | | E 9 |
| 554 ARCE | 17 | 0930E | 0945D | | N10 | E68 | .938 | 11748 | 22.5 | 15D | -F | | C | 0930 | .09 | .20 | | | 9 |
| 558 ATHN | 17 | 1111 | 1122D | 1115 | N08 | E70 | .948 | 11748 | 22.7 | 11D | -F | 3 | C | | .17 | | | | D 6 |
| 561 HUAN | 17 | 1238 | 1244 | 1240 | N08 | E66 | .924 | 11748 | 22.5 | 6 | -F | 1 | C | 1240 | .15 | | | | D 7 |
| GRP42562 | 17 | 1338 | 1355 | 1340 | N07 | E66 | .922 | 11748 | 22.5 | 17 | -B | | | | .25 | | | | 2 2 2 7 |
| HUAN | 17 | 1335 | 1343D | 1339 | N08 | E66 | .924 | 11748 | 22.5 | 8D | -N | 1 | P | 1339 | .21 | | | | D |
| CATA | 17 | 1340 | 1355D | 1340 | N06 | E65 | .914 | 11748 | 22.4 | 15D | -B | | P | 1340 | .29 | | | | 237 |
| 563 CANR | 17 | 1339 | 1344 | 1339 | S13 | W15 | .275 | 11734 | 16.4 | 5 | -N | 2 | V | 1339 | .20 | .20 | | | 7 |
| 564 ARCE | 17 | 1402 | 1415D | 1405 | N13 | E68 | .942 | 11748 | 22.7 | 13D | -F | | C | 1405 | .19 | .40 | | | 5 |
| 566 HUAN | 17 | 1627 | 1640 | 1630D | N08 | E64 | .910 | 11748 | 22.5 | 13 | -F | 2 | P | 1630 | .21 | .47 | | | D 6 |
| 567 HUAN | 17 | 1723 | 1736 | 1730 | N09 | E64 | .912 | 11748 | 22.5 | 13 | -N | 2 | C | 1730 | .33 | .76 | | | D 7 |
| 568 LOCK | 17 | 1740 | 1820 | 1755 | S20 | E84 | .990 | 11751 | 24.0 | 40 | -N | | C | | | | | | 6 |
| 571 HUAN | 17 | 1914 | 1925 | 1919 | S14 | E43 | .680 | 11743 | 21.0 | 11 | -N | 2 | C | 1919 | .21 | .27 | | | D 5 |

* Should appear in Confirmed List

SOLAR FLARES Unconfirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | | |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|----------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|-------------|---------|---------|---|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MC MATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | | | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | | | |
| 574 PALE | 17 | 1930 | 1936 | 1934 | S07 | E20 | .340 | 11743 | 19.3 | 6 | -F | 2 | C | .27 | | | | | F | 5 |
| 581 MANI | 18 | 0110 | 0135 | 0116 | S15 | E39 | .630 | 11743 | 21.0 | 25 | -F | 2 | | 0116 | .31 | .40 | | | | 5 |
| 582 PALE | 18 | 0208E | 0212D | 0209 | S05 | W66 | .911 | 11729 | 13.1 | 40 | -F | 2 | C | .26 | | | | | | 4 |
| 583 PALE | 18 | 0208E | 0212D | 0209 | S17 | W20 | .374 | 11734 | 16.6 | 40 | -N | 2 | C | .21 | | | | | F | 4 |
| 584 MANI | 18 | 0239 | 0248 | 0245 | N08 | E59 | .872 | 11748 | 22.5 | 9 | -F | 2 | | 0245 | .21 | .38 | | | | 4 |
| 592 ATHN | 18 | 0824 | 0831D | 0827 | S16 | E35 | .580 | 11743 | 21.0 | 7D | -F | 2 | C | .66 | | | | | D | 4 |
| 594 HUAN | 18 | 1133E | 1140 | | S17 | E90 | .999 | 11751 | 25.2 | 7D | -N | 1 | P | 1134 | .12 | | | | | 6 |
| 595 ZURI | 18 | 1155 | 1202 | 1157 | S18 | W26 | .464 | 11734 | 16.5 | 7 | -N | | C | 1157 | 1.47 | 1.60 | | | | 5 |
| 598 TEHR | 18 | 1248E | 1252 | 1248 | S15 | E28 | .479 | 11743 | 20.6 | 40 | -F | 2 | C | .09 | | | | | F | 5 |
| 599 HUAN | 18 | 1310 | 1316 | 1312 | N05 | E47 | .748 | 11748 | 22.1 | 6 | -F | 2 | C | 1312 | .12 | .19 | | | D | 5 |
| 601 RAMY | 18 | 1504 | 1533 | 1508 | N07 | E43 | .708 | 11748 | 21.9 | 29 | -F | 3 | C | .28 | | | | | D | 6 |
| 601 RAMY | 18 | 1504 | 1533 | 1521 | N07 | E43 | .708 | 11748 | 21.9 | 29 | *-N | 3 | C | .46 | | | | | | 5 |
| 604 HUAN | 18 | 1608 | 1620 | 1613 | S17 | E89 | .999 | 11751 | 25.3 | 12 | -N | 1 | C | 1613 | .12 | | | | | 4 |
| 607 BOUL | 18 | 1739 | 1746 | 1740 | S17 | W27 | .473 | 11734 | 16.7 | 7 | -F | 3 | V | 1740 | .40 | .40 | | | | 4 |
| 610 LOCK | 18 | 1832 | 1848 | 1838 | S15 | W30 | .507 | 11734 | 16.5 | 16 | -F | | C | | | | | | | 4 |
| 626 PALE | 19 | 0236 | 0259 | 0245 | S13 | E27 | .458 | 11743 | 21.1 | 23 | -N | 2 | C | .36 | | | | | F | 5 |
| 629 MANI | 19 | 0342E | 0420 | 0344 | N08 | E36 | .628 | 11748 | 21.9 | 38D | -R | 2 | | 0344 | .62 | .80 | | | | 5 |
| GRP42633 | 19 | 0845 | 0854 | 0846 | N07 | E35 | .610 | 11748 | 22.0 | 9 | -F | | | .23 | | | | | 2 2 2 7 | |
| ATHN | 19 | 0845E | 0853 | 0847 | N06 | E35 | .605 | 11748 | 22.0 | 8D | -F | 3 | C | .17 | | | | | D | |
| CATA | 19 | 0845 | 0855D | 0845 | N08 | E34 | .603 | 11748 | 21.9 | 10D | -N | | P | 0845 | .29 | .37 | | 191 | | |
| 636 CANR | 19 | 0953 | 1004 | | S14 | E21 | .371 | 11743 | 21.0 | 11 | -N | 2 | V | 0954 | .30 | .30 | | | | 5 |
| 637 ONDR | 19 | 1049E | 1054 | | N17 | W65 | .931 | 11733 | 14.6 | 5D | 1N | | V | 1051 | | | 2.50 | | DJ | 8 |
| 638 ONDR | 19 | 1125E | 1135 | | N13 | E42 | .722 | 11748 | 22.6 | 10D | -N | | V | 1127 | | | 2.20 | | COFIJ | 7 |
| GRP42641 | 19 | 1224 | 1236 | 1224 | N17 | W55 | .861 | 11752 | 15.4 | 12 | -F | | | .50 | | | | | 2 2 1 7 | |
| ATHN | 19 | 1223E | 1238 | 1224 | N17 | W56 | .869 | 11752 | 15.3 | 15D | -F | 2 | C | .50 | | | | | D | |
| ONDR | 19 | 1224 | 1234 | | N16 | W53 | .841 | 11752 | 15.5 | 10 | 1N | | V | 1225 | | | 2.40 | | CEJ | |
| 644 ATHN | 19 | 1313E | 1318 | 1313 | S17 | W43 | .684 | 11734 | 16.3 | 5D | -F | 2 | C | .33 | | | | | D | 8 |
| 657 PALE | 19 | 1947 | 1957 | 1949 | S21 | E78 | .972 | 11751 | 25.7 | 10 | -F | 3 | C | .27 | | | | | F | 4 |
| 658 PALE | 19 | 2014 | 2029 | 2015 | S10 | W02 | .063 | 11743 | 19.7 | 15 | -F | 3 | C | .27 | | | | | F | 6 |
| 660 PALE | 19 | 2036 | 2053 | 2039 | N06 | E29 | .526 | 11748 | 22.0 | 17 | -N | 3 | C | .19 | | | | | | 4 |
| 662 LOCK | 19 | 2132 | 2152 | 2140 | N10 | E25 | .502 | 11748 | 21.8 | 20 | -F | | C | | | | | | H | 4 |
| 666 LOCK | 19 | 2328 | 2338 | 2331 | N10 | E25 | .502 | 11748 | 21.9 | 10 | -F | | C | | | | | | H | 5 |
| 670 VORO | 20 | 0137 | 0144 | 0139 | N11 | E25 | .511 | 11748 | 21.9 | 7 | -F | | C | 0139 | .84 | .90 | | 73 | D | 6 |
| 672 MANI | 20 | 0245 | 0315 | 0252 | N04 | E27 | .487 | 11748 | 22.1 | 30 | -F | 2 | | 0252 | .62 | .71 | | | | 6 |
| 674 MANI | 20 | 0427E | 0440 | 0427 | N09 | E23 | .469 | 11748 | 21.9 | 13D | -N | 2 | | 0427 | .21 | .23 | | | | 3 |
| 675 MANI | 20 | 0453 | 0515 | 0457 | S20 | E70 | .933 | 11751 | 25.5 | 22 | -F | 2 | | 0457 | .83 | 1.74 | | | | 4 |
| 676 TEHR | 20 | 0542 | 0605 | 0551 | N07 | E36 | .623 | 11748 | 22.9 | 23 | -N | 3 | C | .09 | | | | | DH | 4 |
| 683 TEHR | 20 | 0755 | 0800D | 0759 | S19 | W35 | .589 | 11734 | 17.7 | 5D | -N | 3 | C | .19 | | | | | F | 5 |
| 686 ARCE | 20 | 0902E | 0902D | | S17 | W52 | .785 | 11734 | 16.5 | | -F | | C | 0902 | .25 | .40 | | | | 7 |
| 687 KHAR | 20 | 0910E | 0950D | | S25 | E66 | .909 | 11751 | 25.3 | 40D | 2N | | V | | | | | | | 5 |
| 688 TEHR | 20 | 0927E | 0936D | 0932 | S19 | W36 | .601 | 11734 | 17.7 | 9D | -N | 2 | C | .36 | | | | | F | 6 |
| 689 CAPS | 20 | 1000E | 1011D | | S15 | W09 | .206 | 11743 | 19.7 | 11D | 1N | 1 | S | 1000 | 5.00 | 5.00 | | 166 | C | 5 |

SOLAR FLARES
Unconfirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS | | | | |
|-------------|-------------|-------|-------|------------|--------------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|-------------|---------|-----|---|---|---|
| | DATE | START | END | MAX. PHASE | APPROX. LAT. | MER. DIST. | CENTRAL DISTANCE | MCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | MAX. INT. % | | | | | |
| 690 TEHR | 20 | 1028E | 1033D | 1031 | N09 | E33 | .596 | 11748 | 22.9 | 5D | -F | 2 | C | .09 | | | | D | 5 | | | |
| 692 CAPS | 20 | 1048E | 1051D | | N06 | E22 | .431 | 11748 | 22.1 | 3D | -N | 1 | S | 1049 | 1.00 | 1.10 | | 188 | C | 3 | | |
| 694 CAPS | 20 | 1146E | 1154D | | N05 | W22 | .423 | 11742 | 18.8 | 8D | -N | 2 | V | 1148 | .70 | .80 | | 192 | C | 6 | | |
| 695 RAMY | 20 | 1151 | 1203 | 1153 | N12 | E28 | .555 | 11748 | 22.6 | 12 | -N | 2 | C | .21 | | | | | D | 5 | | |
| 696 CAPS | 20 | 1218 | 1229 | | N03 | E07 | .211 | 11756 | 21.0 | 11 | -B | 1 | P | 1219 | 2.00 | 2.00 | | 194 | C | 4 | | |
| 697 CAPS | 20 | 1245E | 1255D | | S16 | W50 | .763 | 11734 | 16.8 | 10D | -N | 3 | V | 1246 | 1.20 | 1.80 | | 170 | C | 4 | | |
| 701 MCMA | 20 | 1503 | 1530 | 1506 | N05 | E19 | .382 | 11748 | 22.1 | 27 | -N | | C | 1506 | .83 | .90 | | | E | 5 | | |
| 707 PALE | 20 | 1812 | 1819 | 1813 | S17 | E58 | .843 | 11751 | 25.1 | 7 | -N | 3 | C | .27 | | | | | | 5 | | |
| 708 PALE | 20 | 1841 | 1854D | 1844 | S04 | E21 | .360 | 11748 | 22.4 | 13D | -N | 3 | C | .19 | | | | | F | 5 | | |
| 715 PALE | 20 | 2302 | 2319 | 2304 | N07 | E17 | .375 | 11748 | 22.2 | 17 | -F | 3 | C | .45 | | | | | F | 4 | | |
| GRP42716 | 20 | 2325 | 2334 | 2327 | N08 | E20 | .422 | 11748 | 22.5 | 9 | -F | | | .67 | | | | | 2 | 2 | 2 | 6 |
| PALE | 20 | 2322 | 2333 | 2325 | N07 | E17 | .375 | 11748 | 22.2 | 11 | -F | 3 | C | .72 | | | | | F | | | |
| MANI | 20 | 2328 | 2334 | 2328 | N09 | E22 | .456 | 11748 | 22.6 | 6 | -N | 2 | | 2328 | .62 | .69 | | | | | | |
| 717 LOCK | 20 | 2350 | 2357 | 2353 | N05 | E10 | .269 | 11748 | 21.7 | 7 | -F | | C | | | | | | | | 6 | |
| GRP42719 | 21 | 0101 | 0110 | 0107 | N07 | E17 | .375 | 11748 | 22.3 | 9 | -F | | | .72 | | | | | 2 | 2 | 2 | 6 |
| CRON | 21 | 0058E | 0111 | | N06 | E17 | .365 | 11748 | 22.3 | 13D | -N | 3 | V | .50 | | | | | | | | |
| VORO | 21 | 0103 | 0109 | 0107 | N08 | E16 | .373 | 11748 | 22.2 | 6 | -F | | C | 0107 | .93 | 1.00 | | | DHJ | | | |
| 726 PALE | 21 | 0331E | 0334 | 0331 | S22 | E57 | .837 | 11751 | 25.4 | 3D | -F | 2 | C | .36 | | | | | F | 7 | | |
| 728 MANI | 21 | 0445 | 0510 | 0453 | S20 | E58 | .844 | 11751 | 25.5 | 25 | -F | 2 | | 0453 | .41 | .72 | | | | | 5 | |
| 730 MANI | 21 | 0530 | 0544 | 0534 | N09 | E18 | .408 | 11748 | 22.6 | 14 | -F | 2 | | 0534 | .52 | .56 | | | | | 5 | |
| 731 MANI | 21 | 0541 | 0551 | 0543 | S21 | E57 | .836 | 11751 | 25.5 | 10 | -F | 2 | | 0543 | .31 | .53 | | | | | 4 | |
| 732 MANI | 21 | 0557 | 0620 | 0558 | N08 | E12 | .329 | 11748 | 22.1 | 23 | -N | 2 | | 0558 | .72 | .76 | | | | | 4 | |
| 733 MANI | 21 | 0628 | 0654 | 0631 | N08 | E08 | .293 | 11748 | 21.9 | 26 | -N | 2 | | 0631 | .62 | .65 | | | | | 3 | |
| 737 ARCE | 21 | 0925E | 0941D | | N08 | E13 | .340 | 11748 | 22.4 | 16D | -F | | C | 0930 | .50 | .50 | | | | | 5 | |
| 738 ARCE | 21 | 0954 | 1000D | 0959 | N08 | E14 | .351 | 11748 | 22.5 | 6D | -F | | C | 0959 | .40 | .40 | | | H | | 7 | |
| 739 CANR | 21 | 1028 | 1029D | | N08 | E13 | .340 | 11748 | 22.4 | 1D | -N | 3 | V | 1029 | .20 | | | | | | 5 | |
| 744 ARCE | 21 | 1335E | 1337 | | N12 | E15 | .410 | 11748 | 22.7 | 2D | -F | | C | 1335 | .34 | .40 | | | | | 5 | |
| 746 ARCE | 21 | 1421 | 1421 | 1421 | S16 | W68 | .920 | 11734 | 16.5 | | -F | | C | 1421 | .09 | .20 | | | EC | | 5 | |
| 747 MCMA | 21 | 1500E | 1512D | | S16 | W54 | .804 | 11734 | 17.6 | 12D | 1N | | P | 1510 | 1.55 | 2.70 | | | F | | 3 | |
| 762 PALE | 21 | 2130 | 2140 | 2133 | S17 | E46 | .719 | 11751 | 25.3 | 10 | -N | 2 | C | .55 | | | | | F | | 4 | |
| 763 PALE | 21 | 2148 | 2202 | 2149 | N08 | E05 | .273 | 11748 | 22.3 | 14 | -F | 2 | C | .19 | | | | | F | | 4 | |
| 764 PALE | 21 | 2245 | 2301D | 2246 | N08 | E05 | .273 | 11748 | 22.3 | 16D | -F | 2 | C | .27 | | | | | F | | 4 | |
| 767 CRON | 21 | 2348 | 2350 | 2348 | N09 | E04 | .284 | 11748 | 22.3 | 2 | -N | 3 | V | 2348 | .40 | | | | | | 4 | |
| 770 MANI | 22 | 0043 | 0053 | 0044 | N06 | W62 | .893 | 11755 | 17.4 | 10 | -N | 2 | | 0044 | .31 | .61 | | | | | 5 | |
| GRP42771 | 22 | 0100 | 0136 | 0111 | N06 | W62 | .893 | 11755 | 17.4 | 36 | -N | | | .41 | | | | | 2 | 1 | 1 | 6 |
| MANI | 22 | 0100 | 0136 | 0111 | N06 | W62 | .893 | 11755 | 17.4 | 36 | -N | 2 | | 0111 | .41 | .81 | | | | | | |
| PALE | 22 | 0124E | 0134 | 0125 | N08 | W58 | .864 | 11755 | 17.7 | 10D | -N | 3 | C | .31 | | | | | | | | |
| 772 PALE | 22 | 0124E | 0134 | 0125 | N06 | E06 | .248 | 11748 | 22.5 | 10D | -N | 3 | C | .46 | | | | | | | 5 | |
| 776 MANI | 22 | 0319 | 0324 | 0321 | S18 | W78 | .972 | 11734 | 16.3 | 5 | -N | 2 | | 0321 | .41 | 1.04 | | | | | 5 | |
| 777 TEHR | 22 | 0412E | 0424 | 0416 | N07 | E01 | .244 | 11748 | 22.3 | 12D | -N | 3 | C | | | | | | FH | | 6 | |
| 778 MANI | 22 | 0432E | 0446 | 0440 | N05 | W63 | .899 | 11755 | 17.5 | 14D | -N | 2 | | 0440 | .31 | .60 | | | | | 6 | |
| 780 MANI | 22 | 0650 | 0703 | 0657 | S13 | W70 | .934 | 11734 | 17.0 | 13 | -N | 2 | | 0657 | .31 | .65 | | | | | 6 | |
| 781 MANI | 22 | 0714 | 0728 | 0718 | S13 | W70 | .934 | 11734 | 17.1 | 14 | -N | 2 | | 0718 | .31 | .65 | | | | | 6 | |

SOLAR FLARES Unconfirmed

FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IM- POR- TANCE | OBS. COND. TYPE | MEASUREMENTS | | | | REMARKS | |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|---------------------|---------|------------------|----------------------|--------------------|--------------|---------------------|---------------------|---------------|---------|-------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | GCMATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH Ha | | MAX. INT. % |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| 1972 FEB | | | | | | | | | | | | | | | | | | |
| 784 ISTA | 22 | 0900E | 0928 | | N07 | W03 | .248 | 11748 | 22.1 | 28D | -F | | | | | B 8 | | |
| GRP42799 | 23 | 0021 | 0034 | 0029 | N08 | W76 | .975 | 11755 | 17.3 | 13 | -F | | | | | 2 2 2 5 | | |
| MANI | 23 | 0021 | 0039 | 0029 | N07 | W75 | .971 | 11755 | 17.4 | 18 | -N | 2 | 0029 | .41 | 1.25 | | | |
| CRON | 23 | 0022E | 0028 | | N08 | W76 | .975 | 11755 | 17.3 | 6D | -F | 3 V | | .30 | | | | |
| 801 VORO | 23 | 0039 | 0100 | 0048 | S11 | E33 | .542 | 11751 | 25.5 | 21 | -F | C | 0048 | .65 | .80 | 74 D 4 | | |
| 802 KODA | 23 | 0145E | 0155 | 0150 | N09 | W09 | .316 | 11748 | 22.4 | 10D | -N | P | 0154 | .85 | .90 | 1.88 5 | | |
| 804 CRON | 23 | 0239E | 0245 | | N08 | W79 | .985 | 11755 | 17.2 | 6D | -F | 3 V | | .30 | | 6 | | |
| 807 MANI | 23 | 0630E | 0641 | 0632 | S17 | E25 | .444 | 11751 | 25.1 | 11D | -N | 2 | 0632 | 1.03 | 1.15 | 5 | | |
| 812 CANR | 23 | 1526 | 1535 | | N09 | W17 | .397 | 11748 | 22.4 | 9 | -F | 1 V | 1526 | .20 | .20 | 3 | | |
| 825 LOCK | 23 | 2335 | 2342 | 2336 | N15 | W20 | .495 | 11748 | 22.5 | 7 | -F | C | | | | 4 | | |
| 826 LOCK | 24 | 0054 | 0100 | 0056 | S20 | E15 | .332 | 11751 | 25.2 | 6 | -N | C | | | | H 4 | | |
| 827 MANI | 24 | 0102E | 0135 | 0105 | S20 | E15 | .332 | 11751 | 25.2 | 33D | -N | 2 | 0105 | .83 | .87 | 5 | | |
| 828 CRON | 24 | 0215E | 0221 | | S18 | E23 | .421 | 11751 | 25.8 | 6D | -F | 3 V | | .45 | | 5 | | |
| GRP42829 | 24 | 0253 | 0302 | 0253 | N11 | W22 | .476 | 11748 | 22.5 | 9 | -F | | | .53 | | 2 2 2 5 | | |
| MANI | 24 | 0253E | 0302 | 0253 | N10 | W22 | .467 | 11748 | 22.5 | 9D | -N | 2 | 0253 | .41 | .47 | | | |
| CRON | 24 | 0255E | 0301 | | N11 | W22 | .476 | 11748 | 22.5 | 6D | -F | 3 V | | .65 | | | | |
| 830 MANI | 24 | 0259E | 0308 | 0259 | S13 | E16 | .289 | 11751 | 25.3 | 9D | -F | 2 | 0259 | .41 | .43 | 4 | | |
| 835 ATHN | 24 | 0705E | 0712D | 0708 | S19 | W87 | .996 | 11734 | 17.8 | 7D | -N | 2 C | | .17 | | D 5 | | |
| 837 ATHN | 24 | 0842 | 0851 | 0844 | N13 | W22 | .496 | 11748 | 22.7 | 9 | -N | 2 C | | .66 | | D 7 | | |
| 840 ATHN | 24 | 0912 | 0922D | 0916 | N09 | W28 | .533 | 11748 | 22.3 | 10D | -F | 2 C | | .33 | | D 5 | | |
| 842 HTPR | 24 | 1137 | 1142 | 1137 | N10 | W30 | .566 | 11748 | 22.2 | 5 | -N | C | 1137 | .41 | .50 | 4 | | |
| 851 LOCK | 24 | 2326 | 2336 | 2330 | S28 | W85 | .991 | 11734 | 18.6 | 10 | -F | C | | | | 5 | | |
| 854 TEHR | 25 | 0922 | 0934 | 0927 | N12 | W37 | .662 | 11748 | 22.6 | 12 | -N | 3 C | | .19 | | D 8 | | |
| 855 TEHR | 25 | 1102E | 1107 | 1104 | S08 | E85 | .995 | 11760 | 2.8 | 5D | -F | 3 C | | .09 | | D 5 | | |
| 856 TEHR | 25 | 1200E | 1210 | 1202 | S06 | W80 | .983 | 11743 | 19.5 | 10D | -N | 4 C | | .19 | | F 5 | | |
| 860 HUAN | 25 | 2013 | 2027D | | S06 | E85 | .995 | 11760 | 3.2 | 14D | -F | 1 P | 2016 | .21 | | 3 | | |
| 862 MANI | 26 | 0015 | 0107 | 0056 | S12 | W80 | .981 | 11743 | 20.0 | 52 | -F | 2 | 0056 | .31 | .79 | 3 | | |
| 867 TEHR | 26 | 0518 | 0537 | 0520 | N09 | W32 | .584 | 11748 | 23.8 | 19 | -N | 4 C | | | | D 5 | | |
| 868 MANI | 26 | 0559E | 0559 | 0559 | S07 | E74 | .958 | 11760 | 2.8 | | -F | 2 | 0559 | .21 | .46 | 7 | | |
| 869 HTPR | 26 | 0736 | 0749 | | S15 | W72 | .945 | 11743 | 20.9 | 13 | -F | C | 0739 | .52 | | 6 | | |
| 870 HTPR | 26 | 0739 | 0745 | 0741 | N14 | W49 | .799 | 11748 | 22.6 | 6 | -F | C | 0741 | .21 | .30 | 5 | | |
| 871 HTPR | 26 | 0748 | 0801 | 0758 | S05 | E70 | .937 | 11760 | 2.6 | 13 | -F | C | 0758 | .21 | | 8 | | |
| 873 TEHR | 26 | 0846E | 0853 | 0847 | S16 | W14 | .281 | 11751 | 25.3 | 7D | -N | 4 C | | .19 | | F 9 | | |
| 875 TEHR | 26 | 0948 | 1000 | 0953 | S16 | W15 | .295 | 11751 | 25.3 | 12 | -N | 4 C | | .19 | | F 6 | | |
| 877 HTPR | 26 | 1051 | 1059 | 1054 | S05 | E69 | .931 | 11760 | 2.6 | 8 | -F | C | 1054 | .21 | | 5 | | |
| 878 HTPR | 26 | 1101 | 1114 | 1104 | S15 | W72 | .945 | 11743 | 21.1 | 13 | -F | C | 1104 | .21 | | 5 | | |
| 879 TEHR | 26 | 1137E | 1143 | 1138 | S14 | W76 | .965 | 11743 | 20.8 | 6D | -N | 4 C | | .09 | | D 5 | | |
| 881 TEHR | 26 | 1151 | 1157 | 1153 | S14 | W76 | .965 | 11743 | 20.8 | 6 | -F | 4 C | | .09 | | D 6 | | |
| 883 TEHR | 26 | 1227E | 1231 | 1228 | S14 | W77 | .969 | 11743 | 20.7 | 4D | -F | 3 C | | .09 | | D 8 | | |
| 892 LOCK | 26 | 1835 | 1920 | 1850 | S14 | W83 | .989 | 11743 | 20.5 | 45 | -F | C | | | | 4 | | |
| GRP42906 | 28 | 0751 | 0804 | 0757 | N14 | W68 | .944 | 11748 | 23.2 | 13 | -F | | | .41 | | 2 2 1 8 | | |
| ISTA | 28 | 0750 | 0800 | | N13 | W66 | .931 | 11748 | 23.4 | 10 | -F | | | | | D | | |
| HTPR | 28 | 0751 | 0808 | 0757 | N15 | W70 | .955 | 11748 | 23.1 | 17 | -F | C | 0757 | .41 | | | | |

SOLAR FLARES
Unconfirmed
FEBRUARY 1972

| OBSERVATORY | OBSERVED UT | | | | LOCATION | | | | | DURATION MIN. | IMPORTANCE | OBS. COND. TYPE | MEASUREMENTS | | | | | REMARKS |
|-------------|-------------|-------|-------|------------|----------|------------|------------------|----------------------|---------|------------------|------------|--------------------|--------------|---------------------|---------------------|-----------------------|-------------|--------------|
| | DATE | START | END | MAX. PHASE | APPROX. | | CENTRAL DISTANCE | MC MATH PLAGE REGION | CMP DAY | | | | TIME UT | MEAS. AREA Sq. Deg. | CORR. AREA Sq. Deg. | MAX. WIDTH H α | MAX. INT. % | |
| | | | | | LAT. | MER. DIST. | | | | | | | | | | | | |
| | 1972 FEB | | | | | | | | | | | | | | | | | |
| GRP42907 | 28 | 0832 | 0847 | 0839 | N10 | E10 | .340 | 11759 | 29.1 | 15 | -F | | | | | | | |
| ISTA | 28 | 0830 | 0842 | | N10 | E09 | .332 | 11759 | 29.0 | 12 | -F | | | | | | | |
| HTPR | 28 | 0834 | 0852 | 0839 | N10 | E10 | .340 | 11759 | 29.1 | 18 | -F | C | 0839 | .21 | .20 | | | 2 2 1 7 D |
| 910 ARCE | 28 | 1300E | 1310D | | S07 | E44 | .690 | 11760 | 2.8 | 100 | -F | C | 1300 | .31 | .40 | | | 5 |
| 913 BOUL | 28 | 1743 | 1814 | 1744 | S14 | W47 | .727 | 11751 | 25.2 | 31 | -F | 3 V | 1744 | .55 | .80 | | | 3 |
| 915 BOUL | 28 | 2254 | 2326 | 2301 | S08 | E77 | .971 | 11765 | 5.7 | 32 | -N | 3 V | 2301 | .45 | 1.50 | | | 4 |
| 916 ARCE | 29 | 1023E | 1023D | | S11 | E90 | 1.000 | 11769 | 7.2 | | -F | P | 1023 | .15 | .90 | | | 7 |
| 917 ARCE | 29 | 1023E | 1045D | | N21 | E27 | .625 | 11764 | 2.5 | 22D | -F | C | 1040 | .28 | .30 | | | 7 |
| 918 CATA | 29 | 1140 | 1230 | 1210 | N13 | W90 | 1.000 | 11748 | 22.7 | 50 | 2N | C | 1210 | 2.78 | | | 180 | 4 |

"Remarks":

- A = Eruptive prominence, base at >90°.
- B = Probably the end of a more important flare.
- C = Invisible 10 minutes before.
- D = Brilliant point.
- E = Two or more brilliant points.
- F = Several eruptive centers.
- G = No spots visible in the neighborhood.
- H = Flare with high velocity dark surge.
- I = Very extensive active region.
- J = Plage with flare shows marked intensity variations.
- K = Several intensity maxima.
- L = Filaments show effects of sudden activation.
- M = White-light flare.

- N = Continuous spectrum shows effects of polarization.
- O = Observations have been made in the calcium II lines H or K.
- P = Flare shows helium D₃ in emission.
- Q = Flare shows the Balm \acute{e} r continuum in emission.
- R = Marked asymmetry in H α line.
- S = Brightening follows disappearance of filament (same position).
- T = Region active all day.
- U = Close and somewhat parallel bright filaments (|| or Y shape).
- V = Occurrence of an explosive phase.
- W = Great increase in area after time of maximum intensity.
- X = Unusually wide H α emission.
- Y = Onset of a system of loop-type prominences.
- Z = Major sunspot umbra covered by flare.

Note:

A line of explanation has been added before each flare event having more than one maxima. The total number of stations reporting some part of the event is given. The number of stations observing at the time of the principal maximum but not reporting the event is given in the second statement. Care should be exercised in utilizing the numbers in the remarks column. The first number is the number of stations reporting the individual maximum, and not the total number of stations reporting some part of the flare event. The last number is the number of stations reporting at the time of the individual maximum and not necessarily the total number of stations observing during the flare event. GRP numbers may appear several times in order to indicate secondary maxima. An asterisk beside an importance indicates a secondary maximum. The word "GRP" has also been omitted to aid in pointing to this condition.

When it is impossible to determine the time of Maximum Phase from the individual reports the time of Area Measurements is used. This time appears in parentheses. For Flares reported by only one station the last 3 digits of the group number appear to the left of the station code.