

HXUS BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 098A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. ONE
NON-ENERGETIC SUBFLARE WAS OBSERVED. THE REGIONS ALL APPEAR STABLE
AND QUIET.

IB. SOLAR ACTIVITY WILL REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.
THE FIELD WILL BE QUIET TO SLIGHTLY UNSETLED DURING THE NEXT 24
HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS BOU 081403

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 098B

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 08 APRIL 1974

IA. SOLAR ACTIVITY HAS REMAINED AT A VERY LOW LEVEL DURING THE PAST EIGHT HOURS, AND ONLY ONE SMALL SUBFLARE HAS BEEN REPORTED. THIS SUBFLARE OCCURRED AT 08/0803Z IN REGION 379 (S16E55). THIS SMALL DEVELOPING NEW REGION CONTAINS BRIGHT BIPOLE PLAGE AND A VERY SMALL SPOT GROUP. REGION 375 (S11E33) IS STILL GROWING SLOWLY AND NOW CONTAINS A C-TYPE SPOT GROUP ACCCOMPANIED BY MODERATELY ENHANCED PLAGE. OTHER REGIONS ARE STABLE AND RELATIVELY UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW, AND ENERGETIC FLARE ACTIVITY IS UNLIKELY.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL ABOUT 08/1120Z, WHEN UNSETTLED CONDITIONS DEVELOPED AT BOULDER. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED DURING THE REMAINDER OF THE 3-DAY FORECAST PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 APRIL 16

ESTIMATED AFR/AP 07 APRIL 13/14

PREDICTED AFR/AP 08-10 APRIL 12/13 - 10/11 - 10/11

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 098

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 APRIL 1974

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. ACTIVE REGION 375 (S13E32) APPEARS TO HAVE REACHED MAXIMUM MAGNETIC COMPLEXITY YESTERDAY (AS A BETA/GAMMA CONFIGURATION) AND TO HAVE SIMPLIFIED TODAY (TO A SIMPLE BETA, FROM MOUNT WILSON K MEASUREMENTS). X-RAY FLUXES FROM THIS REGION CONTINUED TO INCREASE TODAY, HOWEVER ITS DEVELOPMENT MAY HAVE PEAKED. REGION 379 (S17E52) IS NOW SHOWING FAIRLY RAPID SPOT GROWTH. THE X-RAY FLUX FROM THIS REGION IS ALSO INCREASING. THE TWO OTHER ACTIVE REGIONS WITH SPOTS ARE STABLE AND DECAYING. A RETURNING ACTIVE REGION IS EXPECTED AT N15E90 TOMORROW.

IB. MINOR FLARE ACTIVITY IS EXPECTED TO CONTINUE FROM REGIONS 375 AND 379.

II. THE GEOMAGNETIC FIELD WAS ACTIVE EARLIER TODAY. IT HAS NOW QUIETED, BUT IS EXPECTED TO BE UNSETLED DURING THE FORECAST PERIOD. PROTON FLUXES AT SATELLITE ALTITUDES ARE AT BACKGROUND NOW.

III. EVENT PROBABILITIES 09-11 APRIL

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 APRIL 81

PREDICTED 09-11 APRIL 83/85/85

90-DAY MEAN 08 APRIL 81

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 APRIL 13

ESTIMATED AFR/AP 08 APRIL 12/13

PREDICTED AFR/AP 09-11 APRIL 12/13 - 12/13 - 10/11

SOLTERWARN

SPAN

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