

HFUS 1 BOU 200545

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 8 HOURS. A C1 X-RAY BURST WAS NOTED AT 20/0215Z WHICH WAS ASSOCIATED WITH POINT BRIGHTENINGS TO NEAR FLARE INTENSITY IN REGION 693 (N03W70). OTHERWISE, DISK AND LIMBS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS. THE FIELD SHOULD REMAIN QUIET FOR THE NEXT 24 HOURS AND THEN BECOME ACTIVE LATE ON 21 APRIL.

III. EVENT PROBABILITIES 20 APRIL - 22 APRIL

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APRIL 79

PREDICTED 20-22 APRIL 79/79/80

90-DAY MEAN 19 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 APRIL 02

ESTIMATED AFR/AP 19 APRIL 05/05

PREDICTED AFR/AP 20-22 APRIL 07/07 - 08/10 - 30/43

SOLTERWARN

BT

HFUS 1 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 111-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 20 APR 1976

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST 16 HOURS. ALL ACTIVE DISK REGIONS HAVE BEEN STABLE. PLAGE ASSOCIATED WITH THE RETURN OF OLD REGION 690 IS VISIBLE ON THE EAST LIMB BUT IS UNIMPRESSIVE AT THIS TIME.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 16 HOURS AND IS EXPECTED TO REMAIN QUIET FOR THE REST OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 - 22 APR

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APR 79

PREDICTED 20 - 22 APR 79/79/80

90-DAY MEAN 19 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 APR 02

ESTIMATED AFR/AP 19 APR 05/05

PREDICTED AFR/AP 22 - 20 APR 07/07 - 08/10 - 30/43

SOLTERWARN

BT

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER III

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN GENERALLY VERY LOW DURING THE PAST 24 HOURS. REGION 693 (N03W83) PRODUCED TWO OVERLAPPING IMPORTANCE ONE NORMAL FLARES (REPORTED BY BOULDER) BEGINNING NEAR 201745Z AND ENDING ABOUT 201958Z. THE FLARES WERE ACCCOMPANIED BY A LONG-LIVED C-2 X-RAY BURST, TYPE I NOISE STORM, AND WEAK DISCRETE RADIO BURSTS. OTHER ACTIVE REGIONS HAVE BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE NEXT 24 HOURS. OCCASIONAL C-CLASS FLARES ARE POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 24 HOURS. QUIET TO OCCASIONALLY UNSETLED CONDITIONS ARE EXPECTED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 21 APRIL - 23 APRIL

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 APRIL 79

PREDICTED 21-23 APRIL 79/79/79

90-DAY MEAN 20 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 APRIL 04

ESTIMATED AFR/AP 20 APRIL 04/04

PREDICTED AFR/AP 21-23 APRIL 08/10 - 30/35 - 25/35

SOLTERWARN

BT