

HFUS 3 BOU 190500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 139A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 19 MAY 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 817 (S21W44) APPEARS TO BE CONTINUING ITS DECAY AND IS NOW REPORTED SPOTLESS BY MANILA, HOWEVER, A 1B FLARE WAS REPORTED BY HAWAII JUST AFTER 0000Z. THE FLARE WAS ACCCOMPANIED BY A C-5 X-RAY EVENT. THE REMAINDER OF THE DISC AND LIMBS HAS BEEN QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE NEXT 18-24 HOURS.

III. EVENT PROBABILITIES 19 MAY - 21 MAY

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	18 MAY 81
PREDICTED	19-21 MAY 81/80/80
90-DAY MEAN	18 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	17 MAY 16
ESTIMATED AFR/AP	18 MAY 11/14
PREDICTED AFR/AP	19-21 MAY 10/10 - 07/07 - 10/10
SOLTERWARN	

BT

HFUS 3 BOU 191500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 139-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 19 MAY 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH REGION 817 (S20W47)
CONTINUING TO DECLINE IN STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED WITH THESE
CONDITIONS CONTINUING FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 19 MAY - 21 MAY

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	18 MAY 81
PREDICTED	19-21 MAY 81/80/80
90-DAY MEAN	18 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	17 MAY 16
ESTIMATED AFR/AP	18 MAY 11/14
PREDICTED AFR/AP	19-21 MAY 10/10 - 07/07 - 10/10
SOLTERWARN	
BT	

HFUS 1 BOU 192200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 139
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 19 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A PARALLEL RIBBON IB/C5 FLARE OCCURRED IN REGION 817 (S22W58) AT 19/0026Z (MAX). A MINOR CENTIMETRIC BURST ACCCOMPANIED THE FLARE. REGION 817 HAS DECAYED TO AN A-TYPE SPOT GROUP. A LARGE PROMINENCE CENTERED NEAR NE35 HAS BEEN SLOWLY ACTIVE THROUGHOUT THE DAY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO SLIGHTLY UNSETLED CONDITIONS ARE EXPECTED FOR THE NEXT 18 - 30 HOURS WITH THE FIELD THEN BECOMING GENERALLY UNSETLED.

III. EVENT PROBABILITIES 20 - 22 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAY 80

PREDICTED 20 - 22 MAY 80/79/79

90-DAY MEAN 19 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAY 09

ESTIMATED AFR/AP 19 MAY 05/04

PREDICTED AFR/AP 20 - 22 MAY 07/07 - 10/10 - 12/12

SOLTERWARN

BT