

HFUS 3 BOU 160430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 16 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE FOR THE PAST
8 HOURS AND IS EXPECTED TO BE UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 MAY - 18 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 83

PREDICTED 16-18 MAY 83/84/84

90-DAY MEAN 15 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 09

ESTIMATED AFR/AP 15 MAY 14/18

PREDICTED AFR/AP 16-18 MAY 15/15 - 15/12 - 10/10

SOLTERWARN

BT

HFUS 3 80U 161500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 136B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 16 MAY 1977.

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. ALL REGIONS APPEAR
STABLE OR DECLINING. FAINT PLAGE IS ROTATING ON TO THE DISK NEAR N34.
REGION 821 (N21E56) IS SPOTLESS BUT IS ENHANCED IN CALCIUM.

IB. NO INCREASE IN SOLAR ACTIVITY IS EXPECTED THRU THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED THE PAST 12
HOURS. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED THRU THE NEXT THREE
DAYS.

III. EVENT PROBABILITIES 16 MAY - 18 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 MAY 83

PREDICTED 16-18 MAY 83/84/84

90-DAY MEAN 15 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 MAY 09

ESTIMATED AFR/AP 15 MAY 14/18

PREDICTED AFR/AP 16-18 MAY 15/15 - 15/12 - 10/10

SOLTERWARN

BT

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 136

JOINING AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 MAY 1977

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. REGION 817 (S19W10)
HAS AGAIN BEEN DEVELOPING AND NOW HAS A D TYPE SPOT GROUP. PALEHUA
ALSO REPORTS ADDITIONAL SPOTS IN REGION 820 (S22W01). REMAINDER
OF DISK REGIONS HAVE BEEN REPORTED SPOTLESS. AREA ON THE EL NEAR
N34 APPEARS AS FAINT BUT EXTENSIVE PLAGE.

IB. THE VERY LOW LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU THE
NEXT 3 DAYS. REGION 817 AND TO A LESSER DEGREE REGION 820 ARE EXPECTED
TO PRODUCE C-FLARE ACTIVITY. N34 EAST LIMB AREA SHOULD BE MONITORED
FOR REJUVENATION AND ACTIVITY.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE UNSETTLED WITH SOME ACTIVE
PERIODS. GENERALLY UNSETTLED CONDITIONS EXPECTED ON THE 17TH
DECREASING TO QUIET BY THE 19TH.

III. EVENT PROBABILITIES 17-19 MAY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 MAY 83

PREDICTED 17-19 MAY 84/85/86

90-DAY MEAN 16 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 MAY 10

ESTIMATED AFR/AP 16 MAY 16/20

PREDICTED AFR/AP 17-19 MAY 15/14 - 10/10 - 05/05

SOLTERWARN

BT