

HFUS 1 BOU 290450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 120A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 29 APRIL 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS. THE DISK  
AND LIMBS ARE QUIET ALTHOUGH CONTINUED SLOW DEVELOPMENT HAS BEEN  
NOTED IN REGION 700 (S09W25).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW THROUGH THE FORE-  
CAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS AFTER AN  
UNSETTLED DAY. RECURRENT ACTIVE CONDITIONS ARE EXPECTED THROUGH THE  
FORECAST PERIOD.

III. EVENT PROBABILITIES 29 APRIL - 01 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 APRIL 72

PREDICTED 29 APRIL - 01 MAY 72/72/73

90-DAY MEAN 28 APRIL 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 APRIL 13

ESTIMATED AFR/AP 28 APRIL 10/10

PREDICTED AFR/AP 29 APRIL - 01 MAY 15/20 - 25/30 - 20/30

SOLTERWARN

BT

HFUS 1 BOU 291430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 120-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 29 APR 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 700 (S09W27)  
CONTINUES TO GROW IN BOTH H-ALPHA AND WHITE LIGHT. REGION 700  
IS ALSO PRODUCING FREQUENT FLUCTUATIONS AND POINT BRIGHTENINGS  
THAT ARE ACCOMPANIED BY SUB C, AND AT LEAST ONE C-1, X-RAY BURST.  
THE REST OF THE DISK IS UNCHANGED.

IB. THE DYNAMIC BEHAVIOR OF REGION 700 WOULD SUGGEST THAT THE  
PROBABILITY OF SIGNIFICANT ENERGETIC ACTIVITY IS INCREASING.

II. THE GEOMAGNETIC FIELD IS UNSETTLED. UNSETTLED TO ACTIVE  
CONDITIONS ARE EXPECTED FOR THE NEXT 12 HOURS WITH GENERALLY  
ACTIVE CONDITIONS THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 29 APR - 01 MAY

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 APR 72

PREDICTED 29 APR - 01 MAY 72/72/73

90-DAY MEAN 28 APR 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 APR 13

ESTIMATED AFR/AP 28 APR 10/10

PREDICTED AFR/AP 29 APR - 01 MAY 15/20 - 25/30 - 20/30

SOLTERWARN

BT

HFUS 1 BOU 292200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 120

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 29 APR 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 700 (S09W35)  
HAS GROWN IN ALL OPTICAL PARAMETERS DURING THE PAST 24 HOURS.  
THE DYNAMIC CHARACTERISTICS OF REGION 700 HAVE BEEN QUITE  
PREVALENT WITH FREQUENT SUB C-CLASS X-RAY EVENTS BEING OBSERVED  
UP UNTIL 1900Z. AT ABOUT 1900Z, AN M-1 CLASS X-RAY BURST  
ASSOCIATED WITH AN IMPORTANCE 1B FLARE WAS REPORTED IN REGION 700.  
SHORT-WAVE FADES UP TO 15MHZ WERE ALSO REPORTED. SINCE THAT  
TIME, NO REPORT OF CHANGES IN REGION 700 HAVE BEEN RECEIVED.  
REGION 702 (N04E07) NO LONGER HAS SPOTS. THE REST OF THE DISK  
IS QUIET.

IB. REGION 700 MAY PRODUCE AN ISOLATED M-EVENT DURING THE NEXT  
3 DAYS BUT ITS MOST PROBABLE THAT ACTIVITY WILL BE RESTRICTED  
TO THE CLASS C CATEGORY.

II. THE GEOMAGNETIC FIELD IS ACTIVE AND NO CHANGE IS EXPECTED.

III. EVENT PROBABILITIES 30 APR - 02 MAY

CLASS M 25/15/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 APR 79

PREDICTED 30 APR - 02 MAY 80/80/81

90-DAY MEAN 29 APR 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 APR 12

ESTIMATED AFR/AP 29 APR 15/17

PREDICTED AFR/AP 30 APR - 02 MAY 25/30 - 20/30 - 20/30

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