

HFUS 1 BOU 020600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO.  
SDF NUMBER 093A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 02 APRIL 1976

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. REGION 690 (S08W29)  
REMAINS COMPLEX AND HAS SHOWN NO SIGNIFICANT DECAY. THE REMAINDER  
OF THE DISK IS FEATURELESS.

IB. ACTIVITY LEVELS SHOULD REMAIN VERY LOW WITH OCCASIONAL SUB-  
FAINT/C-CLASS FLARES. THERE REMAINS A CHANCE OF SIGNIFICANT  
ACTIVITY FROM THIS REGION.

II. IN THE WAKE OF MAJOR STORM CONDITIONS ON 01 APR THE  
GEOMAGNETIC FIELD SHOULD REMAIN ACTIVE THROUGHOUT THE FORECAST  
PERIOD. NO FURTHER MAJOR STORM ACTIVITY IS EXPECTED.

III. EVENT PROBABILITIES 02 - 04 APRIL

CLASS M	75/60/50
CLASS X	25/15/10
PROTON	25/15/10
PCAF	YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED	01 APRIL 80
PREDICTED	02 - 03 APRIL 72/78/78
90-DAY MEAN	01 APRIL 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	31 MARCH 06
ESTIMATED AFR/AP	01 APRIL 80/99
PREDICTED AFR/AP	02 - 04 APRIL 30/35 - 20/30 - 20/25
SOLTERWARN	
BT	

HFUS-1 BOU 021500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 093-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 02 APR 1976

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST EIGHT HOURS. REGION 690 (S08W32) HAS NOT CHANGED MUCH SINCE YESTERDAY BUT CONTINUES ITS SLOW DECAY. THE REMAINDER OF THE DISK IS FEATURELESS.

IB. SOLAR ACTIVITY IS LIKELY TO CONSIST OF OCCASIONAL SUBFLARES WITH THE CHANCE OF AN M CLASS X-RAY FLARE CONTINUING.

II. THE GEOMAGNETIC FIELD IS QUIET AFTER EXPERIENCING ACTIVE CONDITIONS EARLIER TODAY. UNSETLED TO ACTIVE CONDITIONS SHOULD PERSIST FOR THE REMAINDER OF TODAY BUT ACTIVE TO MINOR STORM CONDITIONS ARE EXPECTED IN NIGHTTIME SECTORS DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 02 - 04 APR

CLASS M 75/60/50

CLASS X 25/15/10

PROTON 25/15/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 APR 80

PREDICTED 02 - 04 APR 78/78/78

90-DAY MEAN 01 APR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 MAR 06

ESTIMATED AFR/AP 01 APR 80/99

PREDICTED AFR/AP 02 - 04 APR 12/18 - 20/30 - 20/25

SOLTERWARN

BT

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 093

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 2 APRIL 1976

I. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. REGION 690 (S08W35) CONTINUES TO PRODUCE AN OCCASIONAL SUBFLARE BUT AT OTHER TIMES APPEARS TO BE IN A DORMANT STATE. THE SPOT GROUP IS STILL LARGE ALTHOUGH SOME OF THE SMALL SPOTS HAVE DISAPPEARED. NO SIGNIFICANT DECLINE IN THE REGIONS OVERALL COMPLEXITY IS EVIDENT.

IB. WHILE ONLY SUBFLARES ARE BEING NOTED, M-CLASS X-RAY FLARES ARE DEFINITELY POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO ACTIVE DURING THE PAST 24 HOURS. A RECURRENT DISTURBANCE IS EXPECTED TO BRING ACTIVE TO OCCASIONAL MINOR STORM CONDITIONS DURING THE COMING 24 HOURS.

III. EVENT PROBABILITIES 03-05 APRIL

CLASS M 60/50/50

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 APRIL 077

PREDICTED 03-05 APRIL 076/075/075

90-DAY MEAN 02 APRIL 074

V. GEOMAGNETIC A.I INDICES

OBSERVED FREDERICKSBURG 01 APRIL 79

ESTIMATED AFR/AP 02 APRIL 16/17

PREDICTED AFR/AP 03-05 APRIL 22/25 - 22/25 - 22/25

SOLTERWARN

BT