

HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.

SDF NUMBER 0910

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS.
REGION 690 (S08E01) HAS SHOWN OCCASIONAL FLUCTUATIONS AND CONTINUES
TO SLOWLY DECLINE. REGION 691 (N06W79) REMAINS UNCHANGED.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN MODERATE TO LOW THROUGH-
OUT THE FORECAST PERIOD. HOWEVER, THE POSSIBILITY OF A MAJOR
FLARE WILL STILL EXIST.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO QUIET AND IS
EXPECTED TO BE UNSETLED THROUGHOUT THE FORECAST PERIOD. THE
BRIEF FLARE INDUCED MAJOR MAGNETIC STORM THAT HAD BEEN PREDICTED
FOR 31 MARCH IS NOW NOT EXPECTED TO MATERIALIZE.

III. EVENT PROBABILITIES 31 MAR - 02 APR

CLASS M 75/75/50

CLASS X 25/25/15

PROTON 25/25/15

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAR 83

PREDICTED 31 MAR - 02 APR 82/81/79

90-DAY MEAN 30 MAR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAR 19

ESTIMATED AFR/AP 30 MAR 9/9

PREDICTED AFR/AP 31 MAR - 02 APR 9/10 - 13/15 - 19/25

SOLTERWARN

BT

HFUS 1 BOU 310545
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 091A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 31 MARCH 1976

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST EIGHT HOURS. REGION 690 (S08W03) HAS SHOWN CONTINUED FLUCTUATIONS TO CLASS-C X-RAY INTENSITY BUT SO FAR NO ENERGETIC EVENTS, OR SIGNIFICANT CHANGE. REGION 691 (N06W83) REMAINS SIMPLE AND QUIET.

IB. ACTIVITY LEVELS SHOULD REMAIN LOW TO MODERATE, HOWEVER THE POSSIBILITY OF A MAJOR FLARE STILL EXISTS FROM REGION 690.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED THE PAST 8 HOURS AND IS EXPECTED TO REMAIN SO UNTIL RECURRENT ACTIVE CONDITIONS BEGIN AROUND 02 APRIL. THE BRIEF MAJOR MAGNETIC STORM PREVIOUSLY EXPECTED AS A RESULT OF ENERGETIC FLARE ACTIVITY HAS NOT OCCURRED AND IS NOW NOT LIKELY TO ARRIVE.

III. EVENT PROBABILITIES 31 MARCH - 02 APRIL

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED	30 MARCH 83
PREDICTED	31 MARCH - 02 APRIL 82/81/79
90-DAY MEAN	30 MARCH 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	29 MARCH 19
ESTIMATED AFR/AP	30 MARCH 11/14
PREDICTED AFR/AP	31 MARCH - 02 APRIL 09/10 - 13/15 - 19/25
SOLIERWARN	

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HFUS 1 BOU 311500
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 091-B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 31 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 9 HOURS. REGION 690 (S08W07) CONTINUES TO FLUCTUATE AND PRODUCE OCCASIONAL FLARES PRIMARILY IN THE SUB C CLASS. REGION 691 HAS NOW ROTATED OFF THE DISK. OBSERVATORY REPORTS FROM ATHENS INDICATE A POSSIBLE NEUTRAL LINE CONNECTION BETWEEN THE TWO REGIONS.

IB. ACTIVITY LEVELS ARE EXPECTED TO REMAIN LOW, HOWEVER REGION 691 STILL APPEARS TO HAVE ENERGETIC FLARE POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED THE PAST 9 HOURS AND IS EXPECTED TO REMAIN SO UNTIL RECURRENT ACTIVITY ARRIVES AROUND 02 APRIL.

III. EVENT PROBABILITIES 31 MAR - 02 APR

CLASS M 75/75/50

CLASS X 25/25/15

PROTON 25/25/15

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 MAR 83

PREDICTED 31 MAR - 02 APR 82/81/79

90-DAY MEAN 30 MAR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 MAR 19

ESTIMATED AFR/AP 30 MAR 11/14

PREDICTED AFR/AP 31 MAR - 02 APR 09/10 - 13/15 - 19/25

SOLTERWARN

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HFUS 1 BOU 312200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 091
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 31 MAR 1976

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS WITH REGION 690 (S08W11) CONTINUEING TO PRODUCE SMALL FLARES. THE REGION APPEARED TO DECAY SLIGHTLY FOR A PERIOD THEN BEGAN DEVELOPING AGAIN. SEVERAL SUB C-CLASS X-RAY EVENTS HAVE BEEN RECORDED ALONG WITH ONE C-2 AND ONE C-6 EVENT.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THROUGH THE FORECAST PERIOD WITH OCCASIONAL C-CLASS EVENTS. PROBABILITY OF M CLASS OR GREATER REAMINS HIGH AS REGION SHOWS LITTLE SIGN OF SIGNIFICANT DETERIORATION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED THE PAST 24 HOURS AND IS EXPECTED TO REMAIN SO UNTIL THE RETURN OF RECURRENT ACTIVITY.

III. EVENT PROBABILITIES 01 - 03 APR

CLASS M 75/75/50

CLASS X 25/25/15

PROTON 25/25/15

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 MAR 83

PREDICTED 01 - 03 APR 83/83/81

90-DAY MEAN 31 MAR 74

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 MAR 09

ESTIMATED AFR/AP 31 MAR 09/10

PREDICTED AFR/AP 01 - 03 APR 13/15 - 19/25 - 19/25

SOLTERWARN

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