

NNNN

KBOU

HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 128A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN MODERATE DURING THE PAST 8 HOURS.
REGION 393 (S13W04) HAS PRODUCED THREE FLARES, THE LARGEST A
CLASS 2N AT 08/0017Z. THIS FLARE, A CLASS M3 X-RAY EVENT, WAS
ACCOMPANIED BY A 160 FLUX UNIT BURST AT 10 CM AND SHORT WAVE FADES.

IB. ENERGETIC ACTIVITY CAN BE EXPECTED TO CONTINUE FROM REGION 393
AS THE MAGNETIC FIELDS CONTINUE TO RESTRUCTURE.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED. UNSETTLED
CONDITIONS ARE EXPECTED FOR ANOTHER 12 HOURS, FOLLOWED BY QUIET
CONDITIONS FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 08-10 MAY

CLASS M 70/70/65

CLASS X 10/10/10

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 281400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 08 MAY 1974

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY. A LARGE CLASS 1/M3 FLARE
OCCURRED IN REGION 393 (S13W08) AT 0012Z. TWO IMPULSIVE FLARES HAVE
OCCURRED IN AN OLD SPOTLESS REGION (404) AT N05E70. THE EVENT AT
0610Z WAS SN/C6 AND AT 1232Z A 1N. NO LARGE CHANGES IN ANY
REGION. MINOR GROWTH WITH INCREASING MAGNETIC FIELD COMPLICATION IS
OCCURRING IN REGION 392 (S07W23) AND REGION 393.

IB. ACTIVITY WILL CONTINUE LOW TO MODERATE WITH FREQUENT SUBFLARES
AND OCCASIONAL CLASS M FLARES OF IMPORTANCE 1 AREAL CLASS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET. QUIET
CONDITIONS SHOULD PREVAIL THROUGH THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 08-10 MAY

CLASS M 70/70/65

CLASS X 10/10/10

PROTON 05/05/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 117

PREDICTED 08-10 MAY 123/120/120

90-DAY MEAN 07 MAY 85

V. GEOMAGNETIC A INDICES - NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW. ACTIVITY HAS BEEN LIMITED TO
INFREQUENT SUBFLARES. SOME MINOR GROWTH MAY BE OCCURRING IN THE
SMALL REGION 392 (S07W30) BUT ALL OTHER REGIONS ARE LOSING SPOTS
AND THEIR PLAGES ARE BECOMING SCATTERED. HIGH MAGNETIC GRADIENTS
AND CONVOLUTED NEUTRAL LINE CONTINUES TO DISTINGUISH REGION 393
(S12W13) BUT SPOTS AND PLAGE HAVE WEAKENED.

IB. REGION DECAY WILL EXCEED REGION GROWTH AND FLARES WILL BE
INFREQUENT SUBFLARES LESS THAN CLASS M. A SMALL POSSIBILITY REMAINS
FOR VIGOROUS RE-DEVELOPMENT IN REGION 393. NO REGIONS ARE EXPECTED
AT EAST LIMB THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND SHOULD CONTINUE
QUIET THROUGHOUT THIS 3-DAY PERIOD.

III. EVENT PROBABILITIES 09-11 MAY

CLASS M 60/50/40

CLASS X 10/07/07

PROTON 05/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 MAY 114

PREDICTED 09-11 MAY 108/102/96

90-DAY MEAN 08 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 MAY 16

ESTIMATED AFR/AP 08 MAY 07/08

PREDICTED AFR/AP 09-11 MAY 05/06 - 05/06 - 05/06

SOLTERWARN

SPAN

BT