

HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 MAY 1974

IA. DURING THE PAST EIGHT HOURS REGION 393 (S12W76) HAS PRODUCED
TWO ONE NORMAL FLARES, ONE AT 12/2149Z AND ONE AT 13/0050Z.
NEITHER FLARE REACHED CLASS M CATEGORY. SINCE THE LAST FLARE NO
FURTHER ACTIVITY HAS BEEN OBSERVED.

IB. SOLAR ACTIVITY WILL BE LOW DURING THE NEXT 24 HOURS. REGION 393
WILL SOON BE PASSING OVER THE WEST LIMB.

II. THE GEOMAGNETIC FIELD IS QUIET AND WILL BE REMAINING QUIET
DURING THE NEXT 24 HOURS. ACTIVITY SHOULD INCREASE ON THE 14TH
OF MAY.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 131400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 13 MAY 1974

IA. DURING THE PAST 16 HOURS REGION 393(S12W80) HAS PRODUCED TWO
ONE NORMAL FLARES, BOTH CLASS C X-RAY EVENTS, AT 12/2149Z AND
13/0050Z. NEW SUNSPOTS ARE EMERGING IN REGION 399(S12W56).

IB. REGIONS 393 AND 399 ARE EXPECTED TO BE THE SOURCES OF THE
MAJORITY OF THE FLARES. THEY ARE EXPECTED TO BE CLASS C EVENTS
WITH A SLIGHT CHANCE OF A CLASS M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO
REMAIN QUIET, BECOMING ACTIVE LATE ON 14 MAY OR EARLY 15 MAY.

III. EVENT PROBABILITIES 13 - 15 MAY

CLASS M 10/10/05

CLASS X 02/02/01

PROTON 03/02/01

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 MAY 94

PREDICTED 13 - 15 MAY 90/85/79

90-DAY MEAN 12 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 MAY 04

ESTIMATED AFR/AP 12 MAY 04/05

PREDICTED AFR/AP 13 - 15 MAY 05/06 - 20/24 - 29/40

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 133

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN LOW AS FAR AS TOTAL FLARES AND X-RAY
EVENTS. HOWEVER, A 2N FLARE BEGAN IN REGIONK399 (S12W61) NEAR
2113Z. X-RAY DATA NOT YET AVAILABLE BUT SHORTWAVE FADES OCCURRED.
COMPLEX BURSTS OCCURRED AT CENTIMETRIC FREQUENCIES WITH A
STRONG, DEKAMETRIC/METRIC TYPE III BURST. AT 2700 MHZ, THE BURST WAS
370 F.U. ABOVE BACKGROUND AT 2125Z. REGION 409 (S10W60) HAS
EMERGED AND THE INTERACTION OF THESE TWO REGIONS MAY HAVE BEEN
INSTRUMENTAL IN CAUSING THIS FLARE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A SLIGHT CHANCE
OF A CLASS M EVENT. K

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED TO REMAIN
QUIET, BECOMING ACTIVE LATE ON 14 MAY OR EARLY 15 MAY WITH THE
RETURN OF AN INTERPLANETARY STRUCTURE.

III. EVENT PROBABILITIES 14-16 MAY

CLASS M 10/05/03

CLASS X 02/01/01

PROTON 05/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 93

PREDICTED 14-16 MAY 87/82/79

90-DAY MEAN 13 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 04

ESTIMATED AFR/AP 13 MAY 03/04

PREDICTED AFR/AP 14-16 MAY 20/24 - 28/39 - 25/33

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