

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124 A

JOINT AESJ/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600 Z 04 MAY 1973

I.A. SOLAR ACTIVITY HAS BEEN HIGH DURING THE PAST 24 HOURS BUT HAS DECLINED DRAMATICALLY DURING THE LAST 8 HOURS.

REGION 092 (S11 E43) CONTINUES TO BE THE MOST COMPLEX AND ACTIVE. ITS MOST NOTABLE ACTIVITY WAS AN IMPORTANCE TWO - BRIGHT FLARE AT 0830 Z WHICH ATTAINED AN X-RAY CLASS X-9 AND

AND WAS ACCOMPANIED BY A RADIO BURST OF 1485 F.U. AT

4995 MHZ. REGION 093 (S09 E61) PRODUCED AN IMPORTANCE

ONE -NORMAL FLARE AT 1935 Z BUT HAS BEEN OTHERWISE QUIET.

I.B. REGIONS 095 (S14 E70) AND 085 (S05 W76) HAVE EACH PRODUCED

ONE SUBFLARE ; REGIONS 089 (S12 W74) AND 094 (S03 E32)

HAVE BEEN QUIET AND STABLE.

I.B. ACTIVITY IS EXPECTED TO BE MODERATE TO HIGH. REGION

092 CONTINUES TO HAVE POTENTIAL FOR ENERGETIC EVENTS.

II NO CHANGE.

III. EVENT PROBABILITIES NO CHANGE
CLASS M
CLASS K
PROTON
PCAF

IV. OTTAWA 10.7 CM FLUX NO CHANGE
OBSERVED
PREDICTED
90-DAY MEAN

V. GEOMAGNETIC A INDICES NO CHANGE
OBSERVED FREDERICKSBURG
ESTIMATED
PREDICTED

NNNN

KBOU

HFUS 1 BOU 041300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF 124B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 04 MAY 1973

IA. SOLAR ACTIVITY HAS DECLINED WITH ONLY CLASS C FLARES
REPORTED TODAY. HOWEVER, A SUBFLARE IN REGION 092 /S15E39/
PRODUCED A SHORT WAVE FADE AT 0602Z. SPOT GROWTH IS OCCURRING
IN THE TRAILING PART OF THIS REGION WHILE THE LEADER SPOTS
APPEAR TO BE DECLINING. THE REMAINING DISK REGIONS ARE SMALL
AND GENERALLY UNINTERESTING.

IB. REGION 092 STILL APPEARS CAPABLE OF PRODUCING ENERGETIC
FLARES.

II THE GEOMAGNETIC FIELD IS QUIET. QUIET TO MILDLY UNSETTLED
CONDITIONS ARE EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04-06 MAY

CLASS M 80/80/80

CLASS X 20/20/20

PROTON 08/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 115

PREDICTED 04-06 MAY 119/122/122

90-DAY MEAN 03 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 13

ESTIMATED 03 MAY 09

PREDICTED 04-06 MAY 08/06/06

SOLTERWARN

END

HFUS 1 BOU 041300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF 124B

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III. EVENT PROBABILITIES 04-06 MAY

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CLASS X 20/20/20

PROTON 08/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 MAY 115

PREDICTED 04-06 MAY 119/122/122

90-DAY MEAN 03 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 MAY 13

ESTIMATED 03 MAY 09

PREDICTED 04-06 MAY 08/06/06

SOLTERWARN

SPAN

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KBOU

HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 04 MAY 1973.

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DECLINED DRAMATICALLY DURING THE LAST 8 HOURS. RGN 092(S11E43) CON-
TINUES TO BE THE MOST COMPLEX AND ACTIVE. ITS MOST NOTABLE ACTIVITY
WAS AN IMPORTANCE TWO-BRIGHT FLARE AT 0830Z WHICH ATTAINED AN X-RAY
CLASS X-9 AND WAS ACCOMPANIED BY A RADIO BURST OF 1485 FU AT
4995 MHZ. RGN 093(S09E61) PRODUCED AN IMPORTANCE ONE NORMAL FLARE AT
1935Z BUT HAS BEEN OTHERWISE QUIET. REGIONS 095(S14E78) AND 085(S05W76)
HAVE EACH PRODUCED ONE SUBFLARE.

REGIONS 089(S12W74) AND 094(S03E32) HAVE BEEN QUIET AND STABLE.

IB. ACTIVITY IS EXPECTED TO BE MODERATE TO HIGH. REGION 092 CONTINUES
TO HAVE POTENTIAL FOR ENERGETIC EVENTS.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

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KBOU

HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 124

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 04 MAY 1973

IA. SOLAR ACTIVITY HAS BEEN MODERATE WITH RGN 092 (S14E29) HAVING
PRODUCED ONE CLASS M AND SEVERAL CLASS C X-RAY EVENTS REPORTED
DURING THE PAST 24 HOURS. DESPITE A DECLINE IN SUBFLARE ACTIVITY
SINCE YESTERDAY, RGN 092 HAS SHOWN SOME SPOT GROWTH IN THE
TRAILER AND RETAINS A COMPLEX DELTA MAGNETIC CONFIGURATION.

TWO SMALL NEW REGIONS HAVE BEEN BORN: RGN 096 (S13W14), A BIPOLE
GROUP, AND RGN 097 (N10E29), AN A-TYPE SPOT.

IB. ACTIVITY IS EXPECTED TO BE MODERATE. RGN 092 HAS POTENTIAL FOR
FURTHER ENERGETIC ACTIVITY AND COULD STILL PRODUCE ANOTHER CLASS X EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
QUIET THROUGHOUT THE FORECAST PERIOD IN APPROACH OF A RECURRENT
MINIMUM ON 07 MAY.

III. EVENT PROBABILITIES 05-07 MAY

CLASS M 70/70/70

CLASS X 15/15/15

PROTON 08/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAY 119

PREDICTED 05-07 MAY 122/120/115

90-DAY MEAN 04 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAY 09

ESTIMATED 04 MAY 07

PREDICTED 05-07 MAY 07/06/05

SOLTERWARN

SPAN

BT

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