

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 $\phi 92$ (511° E 43°) 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 ACCCOMPANIED BY A RADIO BURST OF 1485 F.U. AT 1995 MHz. REGION $\phi 93$ (509° E 61°) PRODUCED AN IMPORTANCE ONE - NORMAL FLARE AT 1935 Z BUT HAS BEEN OTHERWISE QUIET.

III. REGIONS $\phi 95$ (514° E 78°) AND $\phi 85$ (305° W 76°) HAVE EACH PRODUCED ONE SUBFLARE ; REGIONS $\phi 89$ (512° W 74°) AND $\phi 94$ (503° E 32°) HAVE BEEN QUIET AND STABLE.

I.B. ACTIVITY IS EXPECTED TO BE MODERATE TO HIGH. REGION $\phi 92$ 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 UNSETLED
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

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HFUS 1 BOU 041300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF 124B

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OBSERVED 03 MAY 115

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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

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KBOU

HFUS 1 BOU 040600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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ISSUED 0600Z 04 MAY 1973.

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

IB. ACTIVIY 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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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

HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

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