

HFUS 1 BOU 260600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 177A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 26 JUN 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH NO FLARES OBSERVED DURING THE LAST 8 HOURS. THE ACTIVE FILAMENT ASSOCIATED WITH THE DEPARTURE OF REGION 428 (S13W90) HAS BECOME QUIET. NEW REGION 431 (S11E82) CONTAINS A MODERATE SIZE, H TYPE SPOT AS WELL AS A COMPACT, BRIGHT PLAGÉ.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW, BUT THE NEW REGION IN THE SE MAY RESULT IN SOME INCREASE IN SUBFLARE ACTIVITY.

II. A STRONG SUDDEN COMMENCEMENT WAS OBSERVED AT 25/2332Z WITH A 53 GAMMA DEFLECTION ON THE H TRACE. THE MAIN PHASE OF THIS RECURRENT DISTURBANCE BEGAN SHORTLY AFTER 26/04Z WITH A K VALUE OF 5 OBSERVED BETWEEN 26/03-06Z. MINOR STORM CONDITIONS ARE EXPECTED FOR THE PLANETARY GEOMAGNETIC FIELD DURING THE NEXT 48 HOURS, WITH ACTIVE CONDITIONS BY THE END OF THE PERIOD.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JUN 10
ESTIMATED AFR/AP 25 JUN 06/08
PREDICTED AFR/AP 26 JUN-28 JUN 30/42 - 25/33 - 20/24

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HFUS 1 BOU 261400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 177B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 26 JUNE 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A PROMINENCE ERUPTED
FROM S15E90 AT ABOUT 0622Z AND A RETURNING REGION 431 HAS
APPEARED AT S11E75 WITH AN H-TYPE SUNSPOT. MINOR SURGES HAVE
BEEN REPORTED THERE AND WITH DEPARTING REGION 428 AT SW LIMB.
THE DISK HAS BEEN EXTREMELY QUIET.

IB. SOME INCREASE IN SUBFLARES MAY RESULT FROM THE RETURNING
SE REGION.

II. A SUDDEN COMMENCEMENT AT 25/2232Z HAS BEEN FOLLOWED WITH
ACTIVE CONDITIONS. THE 0900-1200Z K-INDEX WAS ALMOST 6. ACTIVE
CONDITIONS SHOULD CONTINUE FOR THE NEXT 5 DAYS.

III. EVENT PROBABILITIES 26 - 28 JUNE

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JUNE 76

PREDICTED 26 - 28 JUNE 78/82/84

90-DAY MEAN 25 JUNE 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JUNE 10

ESTIMATED AFR/AP 25 JUNE 06/08

PREDICTED AFR/AP 26 - 28 JUNE 30/42 - 25/33 - 20/24

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HFUS 1 BOU 262200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.
SDF NUMBER 177
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 26 JUN 1974

IA. NO FLARES HAVE BEEN REPORTED IN THE PAST 36 HOURS. MINOR SURGES AND PROMINENCE ACTIVITY ACCCOMPANIED THE RETURNING REGION (OLD AR 416) ON THE SOUTH EAST LIMB. THIS REGION (AR 431) HAS ONE SPOT (NEAR S11E74 AT 26/2000Z).

IB. A GRADUAL RISE IN RF AND X-RAY BACKGROUND FLUXES AND INCREASED FLARE ACTIVITY ARE EXPECTED AS AR 431 ROTATES ONTO THE VISIBLE DISK.

II. THE SUDDEN COMMENCEMENT WAS AT 25/2332Z NOT 25/2232Z AS REPORTED EARLIER. THE MINOR GEOMAGNETIC STORM IS EXPECTED TO CONTINUE FOR THE NEXT 36 HOURS.

III. EVENT PROBABILITIES 27-29 JUN 1974

CLASS M 15/15/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 JUN 77

PREDICTED 27-29 JUN 79/82/84

90-DAY MEAN 26 JUN 88

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 JUN 09

ESTIMATED AFR/AP 26 JUN 32/41

PREDICTED AFR/AP 27-29 JUN 25/33 - 20/25 - 15/20

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