

HFUS 1 BOU 150450

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 196A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 15 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 6 HOURS. ONE SMALL
C-CLASS SUBFLARE WAS REPORTED IN REGION 606 (N05W74) AT 15/0107Z.
OTHER REGIONS HAVE REMAINED QUIET.

IB. SOLAR ACTIVITY CAN BE EXPECTED TO REMAIN GENERALLY LOW. REGION
606 SHOULD PRODUCE INFREQUENT C-CLASS SUBFLARES. M-CLASS FLARES ARE
NOW LESS LIKELY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE FIELD IS EXPECTED
TO CONTINUE UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 15 JULY - 17 JULY

CLASS M 15/10/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 JULY 86

PREDICTED 15 JULY - 17 JULY 85/80/78

90-DAY MEAN 14 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 JULY 11

ESTIMATED AFR/AP 14 JULY 13/15

PREDICTED AFR/AP 15 JULY - 17 JULY 13/15 - 08/12 - 08/12

SOLTERWARN

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HFUS 1 BOU 151430
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 196B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 15 JULY 1975
IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 606 (N05W79) PRODUCED
A SN/C2 FLARE AT 15/0107Z. REGION 609 (S05E62) CONTINUES ITS
SLOW GROWTH.
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH SEVERAL CLASS
C EVENTS EXPECTED DURING THE FORECAST PERIOD.
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE.
IT IS EXPECTED REMAIN UNSETTLED.
III. EVENT PROBABILITIES 15-17 JULY
CLASS M 15/10/05
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 14 JULY 86
PREDICTED 15-17 JULY 85/80/78
90-DAY MEAN 14 JULY 71
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 13 JULY 11
ESTIMATED AFR/AP 14 JULY 16/15
PREDICTED AFR/AP 15-17 JULY 13/15 - 08/12 - 08/12
SOLTERWARN
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GEOALERT WWA196 150300
91214 10751 20860 30130 49990
47305 02000 21611 00000 26805 00000
27308 00000
80615 77773 47305 ERUPTIVE 21611 QUIET
26805 17835 27308 QUIET
SOLQUIET MAGQUIET
FIN
SOLTERWARN
BT

HFUS 1 BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 196

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 JULY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. A SN/C2 AT 15/0107Z FROM
REGION 606 (N06W85) HAS BEEN THE LARGEST EVENT DURING THE PAST
24 HOURS. REGION 609 (S07E51) HAS BEEN QUIET, ALTHOUGH STRUCTURAL
CHANGES ARE OCCURRING. A SMALL OUTBREAK NEAR N30E25 WAS CONFIRMED
AS HAVING REVERSE POLARITY, INDICATING NEW CYCLE STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW WITH A FEW CLASS C
EVENTS DURING THE FORECAST PERIOD. A SLIGHT CHANCE EXISTS FOR A
CLASS M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. SHORT
PERIODS OF ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 12 HOURS,
WITH THE FIELD THEN BECOMING UNSETTLED TO QUIET.

III. EVENT PROBABILITIES 16 JULY - 18 JULY

CLASS M 10/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JULY 84

PREDICTED 16 JULY - 18 JULY 83/82/82

90-DAY MEAN 15 JULY 71

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JULY 16

ESTIMATED AFR/AP 15 JULY 14/23

PREDICTED AFR/AP 16 JULY - 18 JULY 12/12 - 07/07 - 07/07

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