

HXUS BOU 240450

FROM SPACE ENVIRONMENT SERVICES CENTER BOUDER COLO

SDF NUMBER 114A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 24 APRIL 1975

IA. THERE HAS BEEN AN INCREASE IN SOLAR ACTIVITY WITH TWO NEW  
REGIONS APPEARING IN THE PAST 24 HOURS. THESE REGIONS AR583  
(N09E63) AND AR584 (N08W07) HAVE SMALL SPOTS - HOWEVER NEITHER  
HAS PRODUCED A FLARE YET.

IB. THIS SLIGHT INCREASE IN SOLAR ACTIVITY IS EXPECTED TO CONTINUE  
WITH AR583 PRODUCING ONE OR TWO SUBFLARES - LESS THAN C INTENSITY -  
DURING THE NEXT 72 HOURS.

II. THE MINOR GEOMAGNETIC STORM CONTINUES. A RETURN TO ACTIVE TO  
UNSETTLED CONDITIONS IS EXPECTED WITHIN 36 HOURS.

III. EVENT PROBABILITIES 24 - 26 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 APRIL 068

PREDICTED 24 - 26 APRIL 069/070/071

90-DAY MEAN 23 APRIL 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 APRIL 15

ESTIMATED AFR/AP 23 APRIL 24/35

PREDICTED AFR/AP 24 - 25 APRIL 20/28 - 15/20 - 08/10

SOLTERWARN

BT

HFUS 1 BOU 241430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 114B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 24 APRIL 1975  
IA. SOLAR ACTIVITY IS VERY LOW. REGIONS 583 (N09E58) AND  
584 (N03W12) HAVE FAILED TO PRODUCE ANY FLARES.  
IB. THE PRESENT LEVEL OF ACTIVITY WILL LIKELY CONTINUE WITH A  
SLIGHT CHANCE OF NON-ENERGETIC SUB-FLARES.  
II. THE MINOR GEOMAGNETIC STORM CONTINUES. A RETURN TO ACTIVE  
OR UNSETTLED CONDITIONS IS EXPECTED WITHIN 36 HOURS.  
III. EVENT PROBABILITIES 24 - 26 APRIL  
CLASS M 01/01/01  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 23 APRIL 68  
PREDICTED 24 - 26 APRIL 69/70/71  
90-DAY MEAN 23 APRIL 73  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 22 APRIL 15  
ESTIMATED AFR/AP 23 APRIL 24/35  
PREDICTED AFR/AP 24 - 26 APRIL 20/28 - 15/20 - 08/10  
SOLTERWARN  
BT

GEOALERT WWA114 240300  
91223 10252 20680 30250 40000  
30912 00000 16209 00000 40808 00000  
A MINOR GEOMAGNETIC DISTURBANCE IS IN PROGRESS.  
80624 77773 30912 QUIET 16209 QUIET  
40808 QUIET  
SOLQUIET MAGALERT 24/26  
FIN  
SOLTERWARN

HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 114

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 APRIL 1975

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW AND REGIONS ARE DULL  
AND STABLE.

IB. ACTIVITY SHOULD CONTINUE VERY LOW.

II. GEOMAGNETIC FIELD DISTURBANCES HAVE BEEN BETWEEN AN ACTIVE AND  
MINOR STORM LEVEL AND SHOULD INCREASE AGAIN DURING LOCAL NIGHT.  
A RETURN TO MERE ACTIVE CONDITIONS IS EXPECTED ON 25 APRIL WITH  
UNSETTLED CONDITIONS THEREAFTER.

III. EVENT PROBABILITIES 25-27 APRIL

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 APRIL 69

PREDICTED 25-27 APRIL 70/71/71

90-DAY MEAN 24 APRIL 73

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 APRIL 19

ESTIMATED AFR/AP 24 APRIL 16/20

PREDICTED AFR/AP 25-27 APRIL 15/19 - 08/10 - 10/12

SOLTERWARN

BT