

4FUS 3 BQU-29 3430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 149A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 29 MAY 1978

IA. SOLAR ACTIVITY WAS LOW DURING THE PAST SEVEN HOURS WITH ONLY  
C-CLASS EVENTS BEING OBSERVED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE GENERALLY MODERATE DURING THE  
REST OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD WAS QUIET DURING THE PAST SEVEN HOURS.  
UNSETTLED TO ACTIVE CONDITIONS SHOULD DEVELOP DURING THE NEXT  
THREE TO SIX HOURS.

III. EVENT PROBABILITIES 29 MAY - 31 MAY

CLASS M 80/80/80

CLASS X 15/15/15

PROTON 15/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAY 145

PREDICTED 29-31 MAY 145/146/145

90-DAY MEAN 28 MAY 147

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 MAY 05

ESTIMATED AFR/AP 28 MAY 05/10

PREDICTED AFR/AP 29-31 MAY 20/20 - 15/15 - 10/1

SOLTERWARN

BT

HFUS 3 B 00 29 1500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 149B  
JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 29 MAY 1978  
IA. SOLAR ACTIVITY WAS AT A LOW LEVEL DURING THE PAST EIGHT HOURS.  
OBSERVATORIES HAVE BEEN HAMPERED BY CLOUDS AND MAINTENANCE BUT  
X-RAY DATA SHOWS THAT ONLY A FEW C-CLASS BURSTS HAVE OCCURRED.  
LIMITED INFORMATION SUGGEST THAT ENERGETIC ACTIVITY FROM REGION  
1129 (N17W19) IS STILL LIKELY.  
IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE DURING THE  
COMING 24 HOURS.  
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SO FAR THIS ZULU DAY.  
ACTIVE CONDITIONS ARE EXPECTED LATER TODAY.  
III. EVENT PROBABILITIES 29 MAY - 31 MAY  
CLASS M 80/80/80  
CLASS X 15/15/15  
PROTON 15/10/10  
PCAF GREEN  
IV. OTTAWA 12.7 CM FLUX  
OBSERVED 28 MAY 145  
PREDICTED 29-31 MAY 145/146/145  
90-DAY MEAN 28 MAY 147  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 27 MAY 25  
ESTIMATED AFR/AP 28 MAY 25/10  
PREDICTED AFR/AP 29-31 MAY 12/15 - 15/15 - 10/10  
SOLTERWARN  
BT

HFUS 1 B.OU 292200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 149  
JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 29 MAY 1978  
IA. SOLAR ACTIVITY HAS BEEN MODERATE THE PAST 24 HOURS. THE MOST  
SIGNIFICANT ACTIVITY WAS A M5 FLARE WITH M-5 X-RAY EMISSION FROM  
REGION 1129 (N17W25) AT 291741Z. THIS EVENT ALSO HAD A 250 FLUX  
UNIT BURST AT 2695 MHZ. REGION 1129 RETAINS ITS COMPLEXITY AND  
THREATENING APPEARANCE AND THE E-W FILAMENT IN THE REGION IS  
BROADER, LONGER AND DARKER THAN YESTERDAY. REGION 1137 (S22E32)  
HAS REDEVELOPED ITS SPOT GROUP AND A NEW REGION 1138 (S23W63)  
FORMED EARLY TODAY WITH A SMALL CLASS B SPOT GROUP. NO SIGNIFICANT  
CHANGES IN THE REST OF THE DISK HAVE BEEN NOTED.  
IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A MODERATE LEVEL.  
II. THE GEOMAGNETIC FIELD IS QUIET TO UNSETTLED. GENERALLY ACTIVE  
CONDITIONS ARE EXPECTED ON 30 MAY.  
III. EVENT PROBABILITIES 30 MAY - 01 JUNE  
CLASS M 80/80/80  
CLASS X 15/15/15  
PROTON 10/10/10  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 29 MAY 145  
PREDICTED 30 MAY - 01 JUNE 144/144/144  
90-DAY MEAN 29 MAY 147  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 28 MAY 05  
ESTIMATED AFR/AP 29 MAY 09/09  
PREDICTED AFR/AP 30 MAY - 01 JUNE 20/20 - 15/15 - 10/10  
SOLTERWARN  
BT