

HFUS 3 BOU 130430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 164A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0500Z 13 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS. REGION
1153 (N17W16) HAS PRODUCED NUMEROUS NON ENERGETIC SUBFLARES. THE
REST OF THE DISK HAS BEEN QUIET. THE LIMBS ARE STABLE AND QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. CLASS C ACTIVITY
IS EXPECTED AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED. REGION
1153 IS MOST LIKELY TO PRODUCE THE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. IT IS EXPECTED THE FIELD
WILL BE QUIET TO SLIGHTLY UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 13 JUNE - 15 JUNE

CLASS M 01/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUNE 116

PREDICTED 13-15 JUNE 121/126/131

90-DAY MEAN 12 JUNE 140

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JUNE 16

ESTIMATED AFR/AP 12 JUNE 08/10

PREDICTED AFR/AP 13-15 JUNE 08/10 - 06/08 - 06/06

SOLTERWARN

BT

HFUS 3 BOU 131500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 163B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 13 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1153 (N17W21) HAS HAD SEVERAL
SUBFLARES AND HAS SHOWN SOME PENUMBRAL GROWTH. NEW REGION 1158 (N24
E36) IS A C-TYPE GROUP; NEW REGION 1159 (N18W02) IS
A C-TYPE GROUP, AND NEW REGION 1160 (N17E17) IS AN A-TYPE GROUP.
THE REST OF THE DISK/LIMB HAS BEEN QUIET.

IB. SOLAR ACTIVITY SHOULD BE LOW.

II. THE MAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AND SHOULD REMAIN
UNSETTLED FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 13-15 JUNE

CLASS M 01/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 12 JUNE 116

PREDICTED 13-15 JUNE 121/126/131

90-DAY MEAN 12 JUNE 140

V. GEOMAGNETIC A INDICES

OBSERVED FREDERIKSBURG 11 JUNE 16

ESTIMATED AFR/AP 12 JUNE 08/10

PREDICTED AFR/AP 13-15 JUNE 08/10 - 06/08 - 06/06

SOLTERWARN

BT

HFUS 1 B OU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 164

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 JUNE 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 1153 (N17W24) HAS PRODUCED
NUMEROUS SUBFLARES (C-CLASS IN X-RAYS) THROUGH THE DAY. IT IS A
D-TYPE GROUP WITH BETA-GAMMA MAGNETIC CONFIGURATION. NEW REGION
1158 (N24E28) IS A C-TYPE GROUP, NEW REGION 1159 (N17W06) IS A
B-TYPE GROUP, NEW REGION 1160 (N16E11) IS A B-TYPE GROUP. REGIONS
1151 (N17W47) AND 1156 (N24E07) HAVE LOST THEIR SPOTS. THE REST
OF THE DISK/LIMB IS LITTLE CHANGED.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
CONDITIONS SHOULD BE QUIET TO UNSETTLED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 14 JUNE - 16 JUNE

CLASS M 05/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 JUNE 117

PREDICTED 14-16 JUNE 119/121/123

90-DAY MEAN 13 JUNE 140

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 JUNE 09

ESTIMATED AFR/AP 13 JUNE 06/10

PREDICTED AFR/AP 14-16 JUNE 08/10 - 07/08 - 10/12

SOLTERWARN

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