

HFUS 1 BOU 140600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 14 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW SINCE THE 2 NORMAL FLARE OF
13/2119Z. NO ACTIVITY HAS BEEN OBSERVED SINCE THAT TIME. THE DISK
REGIONS ARE STABLE AND QUIET AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS ONLY SLIGHTLY UNSETTLED BUT DURING
THE NEXT 24 HOURS ACTIVITY IS EXPECTED TO INCREASE.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 141400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 134B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 14 MAY 1974

IA. NO FLARES HAVE BEEN REPORTED SINCE THE 2 NORMAL FLARE IN
REGION 399(S12W69) AT 13/2121Z. REGION 399 SEEMS TO HAVE SIMPLIFIED,
BUT REGION 409(S10W68), WHICH IS CLOSELY ASSOCIATED WITH REGION
399, HAS SHOWN MARKED DEVELOPMENT IN WHITE LIGHT. REGION 393(SW12)
HAS NOW PASSED QUIETLY OVER THE WEST LIMB.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW WITH ONLY A SLIGHT CHANCE
OF AN ENERGETIC EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 24 HOURS.
IT IS EXPECTED TO BECOME ACTIVE SOMETIME LATE ON 14 MAY WITH THE
RETURN OF PERSISTENT RECURRENT INTERPLANETARY MAGNETIC STRUCTURE.

III. EVENT PROBABILITIES 14 MAY - 16 MAY

CLASS M 10/05/03

CLASS X 02/01/01

PROTON 05/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAY 93

PREDICTED 14 - 16 MAY 87/82/79

90-DAY MEAN 13 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAY 04

ESTIMATED AFR/AP 13 MAY 03/04

PREDICTED AFR/AP 14 - 16 MAY 15/17 - 20/24 - 28/39

SOLTERWARN

SPAN

BT

HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO

SDF NUMBER 134

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.
NO FLARES HAVE BEEN REPORTED SINCE THE 2 NORMAL FLARE FROM REGION
399 (S12W77) AT 13/2121Z. THE REGION 399/409 COMPLEX APPEARS TO
HAVE SIMPLIFIED. REGION 393 IS NOW WELL OVER THE LIMB AT
SW13 AND IS DEPARTING QUIETLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. THERE IS ONLY
A SLIGHT CHANCE OF ENERGETIC ACTIVITY FROM THE REGION 399/409
COMPLEX. THE EASTERN HALF OF THE DISK IS DEVOID OF ACTIVE REGIONS.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY QUIET FOR THE PAST
24 HOURS. HOWEVER, EXTREMELY PERSISTENT INTERPLANETARY MAGNETIC
STRUCTURE IS EXPECTED TO CAUSE THE FIELD TO BECOME ACTIVE EARLY IN
THE FORECAST PERIOD. A MINOR MAGSTORM IS EXPECTED TO ARRIVE ON
15 MAY.

III. EVENT PROBABILITIES 15 - 17 MAY

CLASS M 05/03/01

CLASS X 01/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 86

PREDICTED 15 - 17 MAY 82/79/73

90-DAY MEAN 14 MAY 87

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 03

ESTIMATED AFR/AP 14 MAY 08/09

PREDICTED AFR/AP 15 - 17 MAY 33/48 - 28/39 - 26/35

SOLTERWARN

SPAN

BT