

HFUS 1 BOU 220600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER CO
SDF NUMBER 142A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 MAY 1974
IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE
OCCURRED, AND THE DISK REMAINS SPOTLESS.
IB. NO SIGNIFICANT ACTIVITY IS EXPECTED.
II. THE GEOMAGNETIC FIELD HAS EXPERIENCED ACTIVE TO VERY ACTIVE
CONDITIONS DURING THE PAST 8 HOURS. UNSETTLED TO ACTIVE CONDITIONS,
ESPECIALLY DURING LOCAL NIGHTTIME, ARE EXPECTED THROUGHOUT THE
FORECAST PERIOD.
III. NO CHANGE.
IV. NO CHANGE.
V. NO CHANGE.
SOLTERWARN
SPAN
BT

HFUS 1 BOU 221400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 142B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 22 MAY 1974

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW WITH NO FLARES OR SPOTS OBSERVED DURING THE PAST 24 HOURS. THE LIMBS ARE ALSO VERY QUIET IN BOTH VISIBLE AND X-RAY WAVE LENGTHS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH EVEN MINOR SUBFLARES UNLIKELY DURING THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN PREDOMINANTLY UNSETTLED WITH ACTIVE CONDITIONS ARISING DURING LOCAL NIGHT TIME. THE SAME PATTERN IS EXPECTED TO CONTINUE THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 22 MAY - 24 MAY

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 MAY 70

PREDICTED 22 MAY - 24 MAY 71/72/75

90-DAY MEAN 21 MAY 86

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 20 MAY 19

ESTIMATED AFR/AP 21 MAY 16/18

PREDICTED AFR/AP 22 MAY - 24 MAY 17/20 - 17/20 - 17/20

SOLIERWARN

SPAN

BT

HFUS BOU 222200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO
SDF NUMBER 142
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 MAY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH NO ACTIVITY OBSERVED DURING THE PAST 24 HOURS. NEW REGION 411 (S17W16) HAS A SIMPLE B TYPE SPOT GROUP AND HAS SHOWN ONLY SLIGHT GROWTH IN WHITE LIGHT SINCE ITS EMERGENCE. THE LIMBS AND REMAINDER OF THE VISIBLE DISK ARE QUIET AND CHARACTERIZED BY SCATTERED MINOR PLAGE REGIONS AND FILAMENT SEGMENTS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE VERY LOW WITH NO SIGNIFICANT ACTIVITY LIKELY DURING THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE WITH MINOR STORM CONDITIONS EXISTING PERIODICALLY DURING LOCAL NIGHT TIME. THESE CONDITIONS ARE EXPECTED TO PERSIST DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 23 - 25 MAY

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX
OBSERVED 22 MAY 70
PREDICTED 23 - 25 MAY 71/73/75
90-DAY MEAN 22 MAY 86

V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 21 MAY 18
ESTIMATED AFR/AP 22 MAY 17/25
PREDICTED AFR/AP 23 - 25 MAY 15/19 - 17/20 - 15/19
SOLTERWARN
SPAN
BT