

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

SOLTERWARN

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