

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 320A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 NOVEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS. THE
DISK REGIONS APPEAR STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE A LITTLE WITH REGION
524 (N14E72) MAKING ITS APPEARANCE. THE REGION APPEARS TO BE CAPABLE
OF PRODUCING SOME CLASS C AND POSSIBLE SMALL CLASS M FLARES. NO
MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD IS QUIET AT PRESENT TIME BUT IS EXPECTED
TO RETURN TO UNSETTLED CONDITIONS DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 NOVEMBER 31

ESTIMATED AFR/AP 15 NOVEMBER 08/11

PREDICTED AFR/AP 16-18 NOVEMBER 17/20 - 20/24 - 15/17

SOLTERWARN

BT

HFUS 1 BOU 161430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 320B

JOINT AFGWC/SEC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 16 NOV 1974

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 524 (N14E65) NOW
HAS A TYPE E SPOT GROUP AND IS THE MOST SIGNIFICANT REGION ON
THE DISK. ALL OTHER REGIONS ARE STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY AS REGION
524 APPEARS CAPABLE OF PRODUCING AN OCCASIONAL M EVENT.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED, AND IS APPARENTLY
BECOMING ACTIVE. IT IS EXPECTED TO REMAIN ACTIVE THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 16 - 18 NOV

CLASS M 10/10/10

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 NOV 82

PREDICTED 16 - 18 NOV 84/85/86

90-DAY MEAN 15 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 NOV 31

ESTIMATED AFR/AP 16 NOV 08/11

PREDICTED AFR/AP 16 - 18 NOV 17/20 - 20/24 - 15/17

SOLTERWARN

BT

HFUS BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 320

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 NOV 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST 24 HOURS. REGION
524 NOW HAS A TYPE E SPOT GROUP, BUT OTHERWISE IS UNIMPRESSIVE.
SMALL SPOT OBSERVED INDEPENDENTLY BY FOUR OBSERVATORIES BETWEEN
0800Z AND 1400Z ON NOVEMBER 16 AT APPROXIMATELY N37W70. ON
NOVEMBER 15, KITT PEAK OBSERVATORY REPORTED REVERSED POLARITY FOR
THE ASSOCIATED PLAGE. THIS POLARITY AND THE HIGH LATITUDE OF THE
SPOT IMPLIES MEMBERSHIP IN NEW CYCLE 21. SPOT NO LONGER VISIBLE.
A OF FLARE AND LARGE BSD OCCURRED IN IT AT 162000Z.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW THIS PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. IT
SHOULD BE ACTIVE THE NEXT 48 HOURS BECOMING UNSETTLED TO ACTIVE
THE REMAINDER OF THE PERIOD.

III. EVENT PROBABILITIES 17 - 19 NOV

CLASS M 10/10/10

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 NOV 84

PREDICTED 17 - 19 NOV 85/86/87

90-DAY MEAN 16 NOV 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 15 NOV 08

ESTIMATED AFR/AP 16 NOV 13/16

PREDICTED AFR/AP 17 - 19 NOV 18/21 - 15/18 - 11/15

SOLTERWARN

BT