

HFUS 1 BOU 020440

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 215A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 02 AUGUST 1976

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW. TWO SMALL OLD CYCLE  
REGIONS ARE NOW VISIBLE ON THE SOLAR DISK; BOTH WEAK AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE  
FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 7  
HOURS AND IS EXPECTED TO REMAIN GENERALLY UNSETTLED FOR THE NEXT  
72 HOURS.

III. EVENT PROBABILITIES 02 AUGUST - 04 AUGUST

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUGUST 73

PREDICTED 02-04 AUGUST 75/75/75

90-DAY MEAN 01 AUGUST 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JULY 09

ESTIMATED AFR/AP 01 AUGUST 11/11

PREDICTED AFR/AP 02-04 AUGUST 08/08 - 08/08 - 10/10

SOLTERWARN

BT

HOUS 2 BOU 020200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
020200Z AUGUST 1976

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
011600. LOCATIONS VALID AT 02 AUGUST 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
------	----------	----	------	---	----	----	-----	------

0724	N14E75	128	0100	H	04	01	ALPHA	
------	--------	-----	------	---	----	----	-------	--

0725	N03E22	181	0010	A	01	01	SLPHA	
------	--------	-----	------	---	----	----	-------	--

IA. NO SIGNIFICANT H-ALPHA PLACES WITHOUT SPOTS.

II. NO IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS.

III. NO AREAS OF SPECIAL INTEREST.

SOLTERWARN

BT

HFUS 1 BOU 021430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 215-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 02 AUG 76

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 724 (N17 E69)  
IS SIMPLE AND STABLE. THE H-TYPE SPOT IN 724 APPEARS TO BE COMPOSED  
OF SEVERAL UMBRAE.

REGION 725 (N03 E15) NOW HAS A B-TYPE SPOT GROUP. SEVERAL TYPE III  
SWEEP RADIO EVENTS WERE REPORTED FROM THIS REGION IN THE PAST 24 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A VERY LOW LEVEL. CLASS  
C X-RAY EVENTS ARE POSSIBLE FROM REGION 724.

II. THE GEOMAGNETIC FIELD CONTINUES TO BE UNSETTLED AND SHOULD  
CONTINUE THE SAME THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 02 AUGUST - 04 AUGUST

CLASS M 03/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 AUGUST 73

PREDICTED 02-04 AUGUST 75/75/75

90-DAY MEAN 01 AUGUST 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 JULY 09

ESTIMATED AFR/AP 01 AUGUST 09/11

PREDICTED AFR/AP 02-04 AUGUST 08/08 - 08/08 - 10/10

SOLTERWARN

BT

GEOALERT WWA215 020300

91201 10222 20730 30110 4////

17314 00000 12003 00000

80602 77773 ALL REGIONS QUIET

SOLQUIET MAGQUIET

FIN

SOLTERWARN

HFUS 1 BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 215

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 02 AUGUST 1976

IA. SOLAR ACTIVITY CONTINUES TO BE AT A VERY LOW LEVEL. SMALL  
X-RAY ENHANCEMENTS, LESS THAN CLASS C X-RAY LEVELS, AND RADIO  
EVENTS HAVE BEEN REPORTED, PROBABLY FROM REGION 724 (N16E64).  
OPTICALLY ONLY MINOR PLAGE FLUCTUATIONS BEING OBSERVED IN REGION  
724. REGION 725 (N07E10) IS AGAIN A-TYPE AND QUIET.

IB. THE LOW LEVEL OF SOLAR ACTIVITY SHOULD CONTINUE THRU THE  
FORECAST PERIOD, HOWEVER, REGION 724 SHOULD BE MONITORED FOR  
GROWTH AND DEVELOPMENT WHICH WOULD RESULT IN AN INCREASE IN FLARE  
ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETTLED THE PAST  
24 HOURS AND IS EXPECTED TO REMAIN SO THRU THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 AUGUST - 05 AUGUST

CLASS M 03/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 AUGUST 76

PREDICTED 03-05 AUGUST 77/77/78

90-DAY MEAN 02 AUGUST 70

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 AUGUST 09

ESTIMATED AFR/AP 02 AUGUST 09/08

PREDICTED AFR/AP 03-05 AUGUST 10/10 - 10/10 - 12/10

SOLTERWARN

BT