

NNNN

KBOU

HOUS 2 BOU 010200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
010200Z NOV 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT  
31/1645Z.

LOCATIONS VALID AT 01 NOV 0000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
0264	S13W54	202	0200	C	06	07	BETA	
0266	N11W20	168	0030	H	01	01	ALPHA	
0269	N02E33	115	0010	H	01	01	ALPHA	

IA. H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 01 NOV 0000Z.

NMBR	LOCATION	LO
0265	N22W43	191
0267	N16W07	155
0268	S10W37	185
0270	N21W01	149

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

SPAN

BT

HFUS 1 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 305A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 01 NOVEMBER 1973

- IA. SOLAR ACTIVITY REMAINS LOW WITH VERY LITTLE CHANGE OCCURRING  
IN THE SOLAR FEATURES.
- IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.
- II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED TO QUIET AND IS EXPECT-  
ED TO REMAIN SO FOR THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 010600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 305A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 01 NOVEMBER 1973

IA. SOLAR ACTIVITY REMAINS LOW WITH VERY LITTLE CHANGE OCCURRING  
IN THE SOLAR FEATURES.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET AND IS EXPECT-  
ED TO REMAIN SO FOR THE FORECAST PERIOD.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 011300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 305B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 01NOVEMBER 1973

IA. SOLAR ACTIVITY REMAINS LOW LIMITED TO SEVERAL SUBFLARES  
(TWO OF WHICH WERE X-RAY CLASS C) IN THE PAST 24 HOURS. REGION  
264 (S13W61) CONTINUES TO SLOWLY DECLINE AND SIMPLIFY MAGNETICALLY.  
REGION 269 (N02E27) MAY BE SHOWING SOME GROWTH IN H-ALPHA.  
THE REST OF THE REGIONS AND OTHER VISIBLE SOLAR FEATURES ARE  
ESSENTIALLY UNCHANGED.

IB. A FEW SUBFLARES INCLUDING ONE OR TWO CLASS C X-RAY FLARES  
ARE EXPECTED PER DAY. POTENTIAL EXISTS IN THE LARGER REGIONS.  
FOR A MODERATELY ENERGETIC FLARE BUT SUCH ACTIVITY IS CONSIDERED  
UNLIKELY.

II. THE GEOMAGNETIC FIELD IS PRESENTLY QUIET AND IS EXPECTED  
TO REMAIN QUIET OR MILDLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 NOV-03 NOV

CLASS M 30/30/25

CLASS X 03/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 OCT 92

PREDICTED 01 NOV-03 NOV 92/88/86

90-DAY MEAN 31 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 OCT 24

ESTIMATED 31 OCT 17

PREDICTED 01 NOV-03 NOV 06/08/08

SOLTERWARN

SPAN

BT

NNNN

XBOU

HFUS 1 BOU 011300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 305B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 01NOVEMBER 1973

IA. SOLAR ACTIVITY REMAINS LOW LIMITED TO SEVERAL SUBFLARES  
(TWO OF WHICH WERE X-RAY CLASS C) IN THE PAST 24 HOURS. REGION  
264 (S13W61) CONTINUES TO SLOWLY DECLINE AND SIMPLIFY MAGNETICALLY.  
REGION 269 (N02E27) MAY BE SHOWING SOME GROWTH IN H-ALPHA.  
THE REST OF THE REGIONS AND OTHER VISIBLE SOLAR FEATURES ARE  
ESSENTIALLY UNCHANGED.

IB. A FEW SUBFLARES INCLUDING ONE OR TWO CLASS C X-RAY FLARES  
ARE EXPECTED PER DAY. POTENTIAL EXISTS IN THE LARGER REGIONS  
FOR A MODERATELY ENERGETIC FLARE BUT SUCH ACTIVITY IS CONSIDERED  
UNLIKELY.

II. THE GEOMAGNETIC FIELD IS PRESENTLY QUIET AND IS EXPECTED  
TO REMAIN QUIET OR MILDLY UNSETLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 01 NOV-03 NOV

CLASS M 30/30/25

CLASS X 03/02/02

PROTON 02/02/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 31 OCT 92

PREDICTED 01 NOV-03 NOV 92/88/86

90-DAY MEAN 31 OCT 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 30 OCT 24

ESTIMATED 31 OCT 17

PREDICTED 01 NOV-03 NOV 06/08/08

SOLTERWARN

SPAN

BT

HFUS BOU 012200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 305

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 01 NOV 1973.

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS. THE MOST ENERGETIC SERIES OF EVENTS BEGAN ABOUT 1825Z WHEN AN ERUPTIVE PROMINENCE WAS OBSERVED AT THE SOUTHWEST LIMB. ALMOST IMMEDIATELY A TYPE IV NOISE STORM BEGAN AT HIGH FREQUENCIES AND NOISE BEGAN TO INCREASE ON 245 MHZ. A SUBFAINT FLARE THEN BEGAN AT 1915Z IN REGION 264 (S13W66) WITH A MAXIMUM AT 1918Z. THIS SUBFLARE WAS SUBSEQUENTLY IDENTIFIED AS AN M1 X-RAY FLARE BY VELA SATELLITE. THE TYPE IV STORM WAS STILL IN PROGRESS AT 2045Z. NEW REGION 275 (S10W20) HAS BEEN GROWING SLOWLY. ALL OTHER REGIONS ARE DECLINING.

IB. SOLAR ACTIVITY SHOULD CONTINUE TO DECLINE THROUGH THE FORECAST PERIOD. REGION 264 IS NOT THOUGHT TO BE CAPABLE OF ANY FURTHER ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 24 HOURS BUT HAS BECOME UNSETLED DURING THE PAST 6 HOURS. IT SHOULD BECOME QUIET EARLY IN THE FORECAST PERIOD AND REMAIN QUIET THROUGH THE PERIOD.

III. EVENT PROBABILITIES 02 NOV - 04 NOV

CLASS M 25/20/15

CLASS X 02/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 01 NOV 88

PREDICTED 02-04 NOV 85/83/81

90-DAY MEAN 01 NOV 92

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 31 OCT 14

ESTIMATED 01 NOV 08

PREDICTED 02-04 NOV 09/07/05

SOLTERWARN

SPAN

BT