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HOUS 2 BOU 130200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY

ISSUED AT 13/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN
AT 12/1430Z. LOCATIONS VALID AT 13/0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0167 N12E19 155 0020 A 01 02 ALPHA

NOTE: MAGNETIC CLASS FROM MT. WILSON

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 13/0000Z.

NMBR LOCATION LO

0162 S18W22 196

0164 N01W74 248

0165 S20E01 174

0166 S11E19 155

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

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HFUS 1 BOU 130600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 13 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

IB. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED DURING
THE PAST SIX HOURS.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU 131300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 13 JULY 1973

IA. SOLAR ACTIVITY HAS CONTINUED AT A VERY LOW LEVEL, WITH LESS
THAN TEN NON-ENERGETIC SUBFLARES REPORTED IN THE LAST 60 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW THROUGHOUT
THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY ACTIVE SINCE 0400Z.
UNSETTLED TO QUIET CONDITIONS ARE EXPECTED FOR THE REST OF TODAY.

UNSETTLED CONDITIONS WITH POSSIBLE MILD ACTIVITY DURING LOCAL
NIGHT WILL CONTINUE THROUGHOUT THE FORECAST PERIOD.

III. EVENT PROBABILITIES 13 - 15 JULY

CLASS M 10/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCA GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 12 JULY 83

PREDICTED 13-15 JULY 80/81/83

90-DAY MEAN 12 JULY 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 11 JULY 8

ESTIMATED 12 JULY 6

PREDICTED 13 - 15 JULY 12/10/14

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HXUS BOU 131512 CORRECTION

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
13/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
121430Z.

LOCATIONS VALID AT 130000Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
0167	N12E19	155	0020	A	01	02	ALPHA

MAGNETIC CLASS OBSERVED AT MT WILSON.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 130000Z.

NMBR	LOCATION	LO	COMMENT
0162	N01W74	248	
0164	S20E01	174	
0165	S11E19	155	
0166	S11W21	195	

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HFUS BOU 132200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 194

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 13 JULY 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH ONLY ONE SUBFLARE
IN THE LAST 24 HOURS. THE ONLY OTHER ACTIVITY HAS BEEN ON THE
WEST LIMB AND A FILAMENT (SECTOR BOUNDARY) NEAR CENTRAL MERIDIAN.
A NEW REGION (168) IS SLOWLY EMERGING NEAR S11W25.

IB. SOLAR ACTIVITY WILL PROBABLY REMAIN LOW DURING THIS PERIOD.

II. THE GEOMAGNETIC FIELD IS UNSETTLED AND WILL PROBABLY BE UN-
SETTLED TO ACTIVE DURING THIS PERIOD.

III. EVENT PROBABILITIES 14 JUL - 16 JUL.

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 13 JUL 78

PREDICTED 14 JUL - 16 JUL 77/76/77

90-DAY MEAN 13 JUL 95

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 12 JUL 06

ESTIMATED 13 JUL 10

PREDICTED 14 JUL - 16 JUL 13/15/15

SOLTERWARN

SPAN

BT