

NNNN

KBOU

HOUS 2 BOU 160200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
160200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
151410. LOCATIONS VALID AT 16 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0168 S11W58 192 0000 A 00 01 ALPHA

0171 S06E26 108 0010 B 02 05 BETA

MAGNETIC CLASSIFICATIONS INFERRED AT BOULDER.

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 16/0000Z.

NMBR LOCATION LO

0165 S11W20 154

0167 N14W20 154

0169 N16W16 150

0170 S07E67 067

II. NONE.

III. NONE.

SOLTERWARN

SPAN

BT

HFUS 1 BOU 160600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 16 JULY 1973

IA. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL.

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

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES AT A SUB STORM LEVEL.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

HFUS 1 BOU 161300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197B

JOINT AEGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 16 JULY 1973

IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW.

IB. CONTINUED LOW ACTIVITY IS EXPECTED FOR THE NEXT 48 TO 72 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS.

UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 48 TO 72
HOURS.

III. EVENT PROBABILITIES 16 JUL - 18 JUL

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 15 JUL 76

PREDICTED 16 JUL - 18 JUL 77/78/79

90-DAY MEAN 15 JUL 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 14 JUL 10

ESTIMATED 15 JUL 21

PREDICTED 16 JUL - 18 JUL 20/15/15

SOLTERWARN

SPAN

BT

NNNN
KBOU
HFUS 1 BOU 161300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 197B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 16 JULY 1973
IA. SOLAR ACTIVITY CONTINUES TO BE VERY LOW.
IB. CONTINUED LOW ACTIVITY IS EXPECTED FOR THE NEXT 48 TO 72 HOURS.
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS.
UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 48 TO 72
HOURS.
III. EVENT PROBABILITIES 16 JUL - 18 JUL
CLASS M 05/05/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 15 JUL 76
PREDICTED 16 JUL - 18 JUL 77/78/79
90-DAY MEAN 15 JUL 95
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 14 JUL 10
ESTIMATED 15 JUL 21
PREDICTED 16 JUL - 18 JUL 20/15/15
SOLTERWARN
SPAN
BT

NNNN

KBOU

HFUS 1 BOU 162200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 197

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 16 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. REGION 168 /S11W71/
HAS SHOWN SOME RENEWED GROWTH AND HAS PRODUCED FIVE NON-ENERGETIC
SUBFLARES. THE REGION REMAINS SMALL. THE SUNSPOTS ASSOCIATED
WITH REGION 171 /S06E12/ HAVE DISAPPEARED. A NEW REGION MAY
BE EMERGING NEAR S11W19.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW FOR THE NEXT
72 HOURS. ONLY INFREQUENT NON-ENERGETIC SUBFLARES ARE EXPECTED.
NO PREVIOUSLY ACTIVE REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD WAS ACTIVE UP TO 16/1200Z AND QUIET
THEREAFTER. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED TO
CONTINUE THROUGH 18 JULY.

III. EVENT PROBABILITIES 17-19 JULY

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 16 JULY 77

PREDICTED 17-19 JULY 78/79/80

90-DAY MEAN 16 JULY 95

V. GEOMAGNETIC A-INDICES

OBSERVED FREDERICKSBURG 15 JULY 23

ESTIMATED 16 JULY 15

PREDICTED 17-19 JULY 15/12/08

SOLTERWARN

SPAN

BT