

Jobsheet

GOES-R pseudo-Geostationary Lightning Mapper

ANSWER KEY

Question 1: At what time do you see the first evidence of lightning in any of the storms in Oklahoma and in what country does this occur?

Time: 1845 UTC

Location: Washita County

Question 2: Using the NLDN data, at what time does the first CG flash occur with this storm?

1906 UTC

Question 3: What is the maximum flash rate seen at this time?

133 flashes/min

Question 4: What is the maximum MESH value at the location of the maximum flash rate?

2.45 inches