**Mini-Challenge 3 Available Data**

The data for Mini-Challenge 3 is found in three segments.  
  
**Segment 1** covers the time period from 1700 to 1830 Abila time on January 23.   
  
**Segment 2** covers the time period from 1830 to 2000 Abila time on January 23.   
  
**Segment 3**covers the time period from 2000 to shortly after 2130 Abila time on January 23.

The data includes two types of records.  
  
**Microblog messages (mbdata)**. The microblog messages included here use some of the conventions you may be familiar with from social media. The @ symbol is used to designate a username within the body of a message. Hashtags (#) are used to relate the message to specific topics. “RT” at the start of a message indicates that it the current user is re-sending another user’s message. Spam and junk messages are also common.  
  
In this data, messages may be created in small batches, so it is possible for multiple messages from an individual to have the exact same date/timestamp. It is also possible for messages to be delivered slightly out of order.   
  
The format of the microblog messages is as follows:

* *date*: in YYYYMMDDHHMMSS format. For example, July 8, 2014 at 11:59 pm would be 20140708235900.
* *author*: author name, a text string
* *message*: the message string, containing up to 200 characters of content
* *latitude*: latitude from which the message was sent (optional)
* *longitude*: longitude from which the message was sent (optional)

**Call center data (ccdata)**. Emergency call center data is included. The format of these records is as follows:

* *date*: in YYYYMMDDHHMMSS format. For example, July 8, 2014 at 11:59 pm would be 20140708235900.
* *message*: the message string, containing up to 200 characters of content
* *location*: the street or cross streets at which the incident took place (optional)

Two background documents on the POK are provided for reference only and are not needed as part of your analysis of this mini-challenge.