

**Telescopic Observations of Lunar Hydration: Variations and Abundances**C. I. Honniball<sup>1,†</sup>, P. G. Lucey<sup>1</sup>, C. M. Ferrari-Wong<sup>1</sup>, A. Flom<sup>1</sup>, S. Li<sup>1</sup>, H. M. Kaluna<sup>2</sup> and D. Takir<sup>3</sup><sup>1</sup>Hawai'i Institute of Geophysics and Planetology, University of Hawai'i at Mānoa, Honolulu, HI, USA. <sup>2</sup>Department of Physics and Astronomy, University of Hawaii at Hilo, Hilo, HI, USA. <sup>3</sup>USGS to JETS/ARES, NASA JSC, Houston, TX, USA.**Contents of this file**

Table S1

**Introduction**

All raw data are available on the NASA/IPC Infrared Science Archive (<https://irsa.ipac.caltech.edu/applications/irtf/>) 18 months after the date listed in Table 1 and the file names of data used in this project are provided in the Supplement in Table S1. Prior to the release of the data by IRTF we will make the data available on a temporary site at the University of Hawai'i at Mānoa.

Table S1: List of files used for this project.

Date UTC	UTC start	Integration Time (s)	File #	Star file #
01-18-2019	06:15:32	0.5	40 - 1089	10 - 19
01-20-2019	09:02:28	0.5	602 - 1651	28 - 37
03-27-2019	15:30:09	1	1050 - 1699	10 - 19
05-13-2019	10:42:36	2	46 - 331	799 - 808
05-14-2019	05:22:27	2	36 - 315	873 - 882
05-15-2019	05:48:15	1	78 - 337	749 - 758