

# New Horizons SDC PDS Review

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# KEM1 Encounter data v2.0

“This data set contains Raw data taken by the New Horizons Student Dust Counter instrument during the KEM1 ENCOUNTER mission phase. This is VERSION 2.0 of this data set.

This data set contains data acquired by the spacecraft between 08/14/2018 and 01/31/2019. It only includes data downlinked before 02/01/2019.

Future datasets may include more data acquired by the spacecraft after 08/13/2018 but downlinked after 01/31/2019.”

- V2.0 of the dataset includes additional data from 2019-01-01 to 2019-01-20
  - This now includes the actual encounter date
  - some differences in the end dates in different files but this is addressed in the documentation

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## DOCUMENTATION

- Overall, no significant changes to the documentation or the dataset, other than updates for the new mission phase; documentation accurately reflects this
- item that came out of the last review was adding the document/sd\_c\_hn\_lvl\_dn.tab and document/sd\_c\_hn\_lvl\_dn.tbl files to document the channel level
  - doesn't look like this was updated for the new dataset?

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## DATA

- Small additional dataset
- Data is consistent with previous deliveries
- Lots of signals, mostly coincident hits, thruster firings, etc.