

Level 1B Standard and Special Observation Products

Data Set	ESDT	Quality Designations
TES/Aura L1B Spectra Nadir	TL1BN	<ul style="list-style-type: none"> • L1B V002 Quality Summary • L1B Beta Release Quality Summary (initial products)
TES/Aura L1B Spectra Limb	TL1BL	
TES/Aura L1B Special Observation Low Resolution	TL1BSOL	
TES/Aura L1B Special Observation High Resolution	TL1BSOH	

Version Information	Software Configuration/ Product Impact
<ul style="list-style-type: none"> • File Version: F03_04 • ESDT Version: V003 • PGE Version: R11.00.00 • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R11.00.00 	Data Products Specification V11.9 (PDF)
<ul style="list-style-type: none"> • File Version: F03_03 • ESDT Version: V002 • PGE Version: R10.01.00 • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R10.01.00 	Data Products Specification V10.11 (PDF)
<ul style="list-style-type: none"> • File Version: F03_02 • ESDT Version: V002 • PGE Version: R09.03.02 • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R09.03.02 	Data Products Specification V9.1 (PDF)
<ul style="list-style-type: none"> • File Version: F03_01 • ESDT Version: V001 • PGE Version: R08.00.00 • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R08.00.00 	Data Products Specification V8.0 (PDF) <ol style="list-style-type: none"> 1. Continuing production of TL1BN 2. Initial release of TL1BSOL, TL1BSOH 3. Format changes from previous version: <ul style="list-style-type: none"> ◦ TES L1B Common Metadata deleted: Command_Seq_ID ◦ TES Common Metadata added: Command_Seq_ID ◦ Fix attribute name TAI93at0zOfGranule 4. Data Fixes from previous version: <ul style="list-style-type: none"> ◦ Correct handling of the last orbital path ID in the last file for a particular run <p>Known artifacts/defects: Some product granules may not contain Production History information in the file. If data from the Production History is required, please contact the TES Instrument Team via Eugene Chu, TES SCF Manager / SIPS PEM, eugene.chu@jpl.nasa.gov, 818-354-6496.</p>
<ul style="list-style-type: none"> • File Version: F02_01 • ESDT Version: V001 • PGE Version: R07.01.00 • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R07.01.00 	Data Products Specification V7.0 (PDF) <ol style="list-style-type: none"> 1. Continuing production of TL1BN 2. Format changes from previous version: <ul style="list-style-type: none"> ◦ Data Fields with HDF data type NATIVE_SHORT were changed to NATIVE_INT8 3. Data Fixes from previous version: <ul style="list-style-type: none"> ◦ Places correct RangeBeginning/EndingTime in products 4. Known artifacts/defects: <ul style="list-style-type: none"> ◦ Pixel 2 of focal plane 1A is dead. Data from this pixel should not be used. This can be identified as the data sets Spectra and NESR with TES_pixel_dim = 2 for the files named TES-Aura_L1B-Nadir_FP1A* and TES-Aura_L1B-SO-Low_FP1A* The adjacent pixels 1 and 3 for this focal plane are also suspect. ◦ In the L1B_Target_Spectra Group Quality data sets, the L1B_General_Quality_Flag and L1B_General_Error_Flag should be combined to determine pixel usability. ◦ In the L1B_Brightness_Temperatures Group data sets for Nadir, the data field

	<p>L1B_Nadir_BT_5 is not reliable.</p> <ul style="list-style-type: none"> ◦ The WRS path number specified in the Geolocation data field Path_Number will not match the TES L1B Common metadata field Orbital_Path for the last file of a given run.
<ul style="list-style-type: none"> • File Version: F01_01 • ESDT Version: V001 • PGE Version: R06.0X.0X • Local Version ID: <ul style="list-style-type: none"> ◦ L1B_Rfmt: R06.0X.0X 	<p>Data Products Specification V6.0 (PDF)</p> <p>Initial release of TL1BN</p>

