

The following data are collected from the nas at the following location: </nas/data/irsol/2013>

The measurement names contain keywords to know if a measurement is a calibration, a dark or other. **Can it be used as a filter?** In this case there is no M\_TYPE header.

The following data shows the headers of the measurements and their various values. The values of the headers, which change for practically every measurement, are not shown. All measurements are fits file.

Number of measurements that have a specific header  
values of the header

Number of measurement parsed: 23091

HEADERS:

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'NAXIS2': [22598, {560, 568, 580, 540}],  
'BZERO': [22598, {2147483648, 32768}],  
'PIGLOWIN': [22484, {1, 2}],  
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'SPEORDER': [21925, {0, 8, 9, 10, 11, 12, 13, 14}],  
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'WLENGTH': [22538, {0.0}],  
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22.59260333352834, 23.6878819625783, 23.64785900762621, 23.97518570694091,  
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 'MCOMMENT': [22538, {'', 'slit=250'}],  
 'SPEENCOD': [21925, {'lot of different values'}],  
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 'STOKES': [22538, {'IUV', 'IQV', 'IQU', 'IQUV'}],  
 'DATE': [22598, {'lot of different values'}],  
 'CAM\_TC': [22538, {'lot of different values'}],  
 'SPEALPHA': [21925, {'lot of different values'}],  
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 'IPP\_SRT': [22538, {0, 8, 20}],  
 'OBJECT': [22538, {'', 'synop'}],  
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 'SPEFWENC': [15002, {'lot of different values'}],  
 'CAM\_REV': [22538, {'C.0'}],  
 'SLOUT': [22532, {'lot of different values'}],  
 'INSTRUME': [17826, {'ZIMPOL3'}],  
 'TELESCOP': [22538, {'Gregory IRSOL'}],  
 'CAM\_NAME': [22538, {'CAM1', 'CAM2'}],  
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'TSP10': [700, {96, 97, 98, 99, 0, 71, 199, 47, 113, 90, 94, 95}],  
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'TSP00': [700, {0, 1, 134, 8, 9, 138, 280, 169, 304, 55, 90, 93, 94, 95, 96, 97, 98, 99, 100, 101, 103, 104, 105}],  
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'TSL': [37, {1430965377, 1202753926, 1644956679, 1328868488, 3226625928, 1286414218, 397942924, 4124943636, 2559870868, 1818511788, 2676117293, 4048512814, 3672651569, 3030955187, 3250149429, 2378039605, 3363458999, 919678270, 3213834433, 96880328, 1261951441, 2698482389, 3963854809, 483907933, 2548112990, 1074231775, 1371689318, 4105199975, 3030135530, 3811493104, 629795824, 599418356, 3293200628, 1826622327, 2185893882, 2349749371}],  
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'MOD\_INV': [23, {0}],

'SEQ\_STAT': [23, {0}],

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'TW': [23, {7.707, 11.713, 12.633, 12.513, 12.759, 20.326, 20.897, 21.614, 21.056, 21.783, 21.419, 21.278, 20.735, 21.497, 21.335, 21.449, 20.442, 20.974, 20.148, 20.459, 20.848, 21.537, 21.243}],

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'TSP21': [393, {0, 321, 354, 577, 128, 489, 554, 340, 693, 502, 507, 793, 410, 59, 28, 126}],

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