Keuwl Accelerometer Data File

2024-04-18 16:55:49

Time (s), X (m/s2), Y (m/s2), Z (m/s2), R (m/s2), Theta (deg), Phi (deg)

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18.1533699,0.012562,9.713065,-0.707677,9.738819,94.167107,89.925896

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18.1604099,0.098704,9.655638,-0.544965,9.671508,93.230186,89.414322

18.1627579,0.089133,9.626924,-0.473181,9.638957,92.813805,89.469528

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18.1721478,0.036491,9.636495,-0.554537,9.652506,93.293457,89.783035

18.1744938,0.031705,9.612567,-0.554537,9.628601,93.301643,89.811020

18.1768417,0.017348,9.622138,-0.564108,9.638675,93.355179,89.896698

18.1791897,0.026919,9.669994,-0.559322,9.686194,93.310349,89.840500

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18.1838837,0.074776,9.665209,-0.554537,9.681393,93.283623,89.556732

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18.1932716,0.180060,9.703494,-0.611964,9.724440,93.608040,88.936928

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18.1979656,0.208774,9.655638,-0.564108,9.674355,93.342789,88.761345

18.2003136,0.242273,9.669994,-0.516252,9.686795,93.054985,88.564804

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18.2050076,0.199202,9.646067,-0.568894,9.664881,93.374489,88.816940

18.2073536,0.199202,9.708280,-0.602393,9.728991,93.549873,88.824524

18.2097015,0.136989,9.703494,-0.631107,9.724960,93.720856,89.191177

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18.2472553,-0.083151,9.746565,-0.755534,9.776158,94.432426,90.488792

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18.3106327,-0.212363,9.770494,-0.755534,9.801963,94.420731,91.245132

18.3129807,-0.221934,9.756136,-0.789033,9.790506,94.622574,91.303146

18.3153267,-0.159721,9.732208,-0.765105,9.763543,94.494507,90.940231

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18.3200226,-0.054437,9.679565,-0.635893,9.700583,93.758545,90.322220

18.3223705,0.060419,9.636495,-0.554537,9.652626,93.293419,89.640770

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18.3270645,0.136989,9.612567,-0.549751,9.629249,93.272896,89.183533

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18.3317604,0.232702,9.631709,-0.588036,9.652449,93.492676,88.616005

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18.4068775,-0.207577,9.602996,-0.626321,9.625638,93.730759,91.238304

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19.0876465,0.132203,9.665209,-0.516252,9.679890,93.057167,89.216339

19.0899944,0.151346,9.660423,-0.521037,9.675648,93.086891,89.102440

19.0923424,0.132203,9.669994,-0.487538,9.683179,92.886002,89.216728

19.0946884,0.180060,9.674780,-0.501895,9.689463,92.969131,88.933777

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19.0993862,0.151346,9.646067,-0.492323,9.659808,92.921410,89.101105

19.1017303,0.146560,9.660423,-0.506680,9.674811,93.002014,89.130821

19.1040802,0.160917,9.626924,-0.501895,9.641341,92.983971,89.042374

19.1064262,0.127418,9.583853,-0.487538,9.597092,92.911911,89.238297

19.1087742,0.122632,9.622138,-0.473181,9.634546,92.815094,89.269814

19.1111202,0.108275,9.612567,-0.468395,9.624581,92.789490,89.354652

19.1134701,0.122632,9.602996,-0.497109,9.616635,92.963089,89.268364

19.1158161,0.122632,9.674780,-0.549751,9.691162,93.251968,89.273788

19.1181641,0.103490,9.660423,-0.602393,9.679740,93.567955,89.386230

19.1205101,0.136989,9.703494,-0.564108,9.720842,93.326790,89.191177

19.1228600,0.093918,9.689137,-0.521037,9.703591,93.077995,89.444641

19.1252060,0.122632,9.689137,-0.549751,9.705496,93.247162,89.274864

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19.1299000,0.046062,9.689137,-0.578465,9.706499,93.416603,89.727623

19.1322479,0.022134,9.703494,-0.530608,9.718016,93.129936,89.869308

19.1345940,-0.006580,9.660423,-0.463609,9.671544,92.747551,90.039024

19.1369419,-0.016152,9.617352,-0.492323,9.629959,92.930473,90.096222

19.1392879,0.002991,9.612567,-0.482752,9.624681,92.875031,89.982170

19.1416378,0.012562,9.593424,-0.482752,9.605571,92.880753,89.924973

19.1439838,0.036491,9.583853,-0.521037,9.598075,93.111862,89.781845

19.1463318,0.084347,9.612567,-0.564108,9.629475,93.358391,89.497261

19.1486797,0.113061,9.655638,-0.607179,9.675370,93.597969,89.329140

19.1510277,0.141775,9.693923,-0.602393,9.713656,93.555481,89.162102

19.1533756,0.189631,9.626924,-0.602393,9.647615,93.579857,88.871536

19.1557236,0.208774,9.674780,-0.544965,9.692365,93.223228,88.763794

19.1580715,0.242273,9.689137,-0.549751,9.707745,93.246407,88.567642

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19.1627674,0.223131,9.660423,-0.525823,9.677296,93.114738,88.676849

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19.1721573,0.165703,9.607781,-0.506680,9.622560,93.018333,89.011932

19.1745033,0.108275,9.626924,-0.530608,9.642143,93.154587,89.355614

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19.1815491,0.079561,9.669994,-0.573679,9.687324,93.395020,89.528603

19.1838951,0.103490,9.698709,-0.597607,9.717653,93.525749,89.388649

19.1862431,0.055633,9.689137,-0.592822,9.707416,93.501175,89.671021

19.1885929,0.093918,9.693923,-0.583251,9.711907,93.442978,89.444916

19.1909389,0.079561,9.713065,-0.588036,9.731174,93.464386,89.530693

19.1932869,0.050847,9.698709,-0.573679,9.715794,93.385056,89.699615

19.1956348,0.041276,9.669994,-0.540180,9.685158,93.197273,89.755432

19.1979828,0.017348,9.679565,-0.506680,9.692833,92.996429,89.897316

19.2003288,0.012562,9.674780,-0.468395,9.686120,92.771751,89.925606

19.2026787,0.012562,9.646067,-0.482752,9.658147,92.865059,89.925385

19.2050247,0.012562,9.607781,-0.516252,9.621650,93.075691,89.925087

19.2073727,-0.006580,9.641280,-0.497109,9.654090,92.951584,90.039108

19.2097187,0.022134,9.660423,-0.506680,9.673727,93.002350,89.868729

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19.2191105,0.022134,9.713065,-0.530608,9.727572,93.126854,89.869438

19.2214584,0.041276,9.703494,-0.535394,9.718341,93.158089,89.756279

19.2238045,0.069990,9.703494,-0.501895,9.716718,92.960800,89.586739

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19.2285004,0.079561,9.693923,-0.473181,9.705791,92.794418,89.529762

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19.2331963,0.122632,9.626924,-0.468395,9.639091,92.785286,89.270180

19.2355423,0.132203,9.631709,-0.477966,9.644467,92.840660,89.213615

19.2378902,0.132203,9.646067,-0.506680,9.660269,93.006538,89.214783

19.2402363,0.122632,9.617352,-0.497109,9.630972,92.958672,89.269455

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19.2496243,0.093918,9.650852,-0.535394,9.666147,93.175156,89.442436

19.2519722,0.103490,9.655638,-0.535394,9.671023,93.173553,89.385925

19.2543182,0.084347,9.674780,-0.540180,9.690215,93.195602,89.500496

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19.2660580,0.160917,9.660423,-0.597607,9.680227,93.539398,89.045692

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19.2754478,0.017348,9.765707,-0.621536,9.785481,93.641655,89.898216

19.2777939,0.007777,9.717851,-0.631107,9.738325,93.715744,89.954147

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19.3176994,0.050847,9.622138,-0.454038,9.632978,92.701561,89.697227

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19.3388271,0.098704,9.693923,-0.568894,9.711103,93.358414,89.416634

19.3411751,0.108275,9.713065,-0.554537,9.729485,93.267372,89.361328

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19.3482170,0.151346,9.646067,-0.434896,9.657051,92.581131,89.101105

19.3505650,0.132203,9.660423,-0.415753,9.670269,92.464073,89.215950

19.3529110,0.108275,9.636495,-0.473181,9.648713,92.810959,89.356255

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19.3810806,0.074776,9.689137,-0.573679,9.706394,93.388336,89.557831

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19.5571518,0.055633,9.684352,-0.607179,9.703527,93.587509,89.670860

19.5594997,0.093918,9.703494,-0.645464,9.725391,93.805458,89.445465

19.5618458,0.103490,9.693923,-0.645464,9.715940,93.809166,89.388351

19.5641937,0.122632,9.689137,-0.683749,9.714007,94.036270,89.274864

19.5665398,0.113061,9.703494,-0.702892,9.729575,94.142815,89.332443

19.5688877,0.180060,9.689137,-0.655035,9.712923,93.866936,88.935356

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19.5735836,0.151346,9.674780,-0.611964,9.695296,93.618896,89.103775

19.5759296,0.156132,9.674780,-0.583251,9.693602,93.449493,89.075439

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19.5994091,0.041276,9.626924,-0.506680,9.640336,93.012756,89.754341

19.6017551,0.103490,9.641280,-0.444467,9.652075,92.639336,89.385010

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19.6111450,0.156132,9.631709,-0.477966,9.644825,92.840553,89.071304

19.6134949,0.132203,9.617352,-0.487538,9.630610,92.901772,89.212440

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19.6275806,0.050847,9.641280,-0.506680,9.654718,93.008270,89.697830

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19.6346245,-0.020937,9.669994,-0.530608,9.684564,93.140755,90.124054

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19.6440144,0.046062,9.665209,-0.592822,9.683482,93.509834,89.726944

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19.6745338,0.266202,9.732208,-0.731606,9.763298,94.297447,88.433197

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19.6933136,0.141775,9.607781,-0.544965,9.624269,93.246056,89.154594

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19.7003574,0.065204,9.665209,-0.525823,9.679721,93.113960,89.613472

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19.7167892,0.084347,9.602996,-0.377468,9.610782,92.250900,89.496758

19.7191391,0.060419,9.622138,-0.406182,9.630897,92.417160,89.640236

19.7214851,0.022134,9.622138,-0.458824,9.633097,92.730026,89.868202

19.7238331,0.031705,9.636495,-0.501895,9.649608,92.981407,89.811493

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19.7332230,-0.064008,9.713065,-0.573679,9.730203,93.380043,90.377563

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19.7379189,-0.059222,9.689137,-0.554537,9.705174,93.275566,90.350204

19.7402668,-0.011366,9.684352,-0.554537,9.700222,93.277237,90.067245

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19.7473087,-0.044865,9.622138,-0.497109,9.635075,92.957413,90.267151

19.7496567,-0.035294,9.622138,-0.549751,9.637895,93.269958,90.210159

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19.7754784,0.208774,9.679565,-0.650250,9.703628,93.842323,88.764404

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19.7801762,0.141775,9.622138,-0.568894,9.639983,93.383217,89.155853

19.7825222,0.050847,9.636495,-0.554537,9.652571,93.293434,89.697678

19.7848721,0.055633,9.646067,-0.554537,9.662153,93.290169,89.669556

19.7872181,0.074776,9.631709,-0.554537,9.647949,93.295013,89.555191

19.7895660,0.050847,9.655638,-0.568894,9.672516,93.371826,89.698280

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19.8106937,0.132203,9.626924,-0.439681,9.637866,92.614754,89.213226

19.8130417,0.141775,9.655638,-0.425324,9.666040,92.521935,89.158783

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19.8200855,0.122632,9.617352,-0.540180,9.633291,93.214508,89.269455

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19.8294754,0.098704,9.660423,-0.554537,9.676829,93.285172,89.414612

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