

ActiGraph Clinical Report

Name: SID 223

Data Start: 2/26/2020 9:00:00 AM

Data End: 3/5/2020 11:39:00 AM

Weight: 225 lbs

Device Serial: TAS1H11190090

Wear Time Information

Wear Time Validation Algorithm: Troiano

Wear %: 99.4

Total Wear Time: 193hours 27min

Avg Wear Time Per Day: 21hours 30min 0sec

Non-Wear %: 0.6

Total Non-Wear Time: 1hours 13min

Avg Non-Wear Time Per Day: 0hours 8min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
2/26/2020	900	0	100	0
2/27/2020	1440	0	100	0
2/28/2020	1440	0	100	0
2/29/2020	1440	0	100	0
3/1/2020	1440	0	100	0
3/2/2020	1440	0	100	0
3/3/2020	1440	0	100	0
3/4/2020	1440	0	100	0
3/5/2020	627	73	89.6	10.4

Energy Expenditure

Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 28060.751

Total Steps: 119624

Average kcals per day: 3117.861

Average Hourly kcals: 143.901

Axis 1 Counts: 14389949

Axis 2 Counts: 12471652

Axis 3 Counts: 13841793

Vector Magnitude: 23541622

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
2/26/2020	2764.630	184.309	1384369	1277257	1423126	2360752	12061
2/27/2020	3916.945	163.206	2010645	1720799	1929730	3275317	16308
2/28/2020	3667.327	152.805	1889969	1542429	1638063	2938421	15569
2/29/2020	3462.841	144.285	1767017	1496434	1700843	2873070	13475
3/1/2020	3753.632	156.401	1959072	1632826	1868849	3161753	14471
3/2/2020	3508.286	146.179	1780220	1512200	1661118	2866225	14715
3/3/2020	3289.457	137.061	1704721	1647059	1729186	2934103	16004
3/4/2020	3350.840	139.618	1716731	1436063	1716297	2820482	15090
3/5/2020	346.793	28.899	177205	206585	174581	323354	1931

MET Rate

MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.917
Total Steps: 119624
Axis 3 Counts: 13841793

Axis 1 Counts: 14389949
Axis 2 Counts: 12471652
Vector Magnitude: 23541622

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
2/26/2020	2.202	1384369	1277257	1423126	2360752	12061
2/27/2020	2.042	2010645	1720799	1929730	3275317	16308
2/28/2020	1.939	1889969	1542429	1638063	2938421	15569
2/29/2020	1.977	1767017	1496434	1700843	2873070	13475
3/1/2020	2.039	1959072	1632826	1868849	3161753	14471
3/2/2020	1.910	1780220	1512200	1661118	2866225	14715
3/3/2020	1.801	1704721	1647059	1729186	2934103	16004
3/4/2020	1.849	1716731	1436063	1716297	2820482	15090
3/5/2020	1.200	177205	206585	174581	323354	1931

Cut Points

Cut Point Set: Freedson Adult (1998)

Total Sedentary: 4682 min (40.34%)

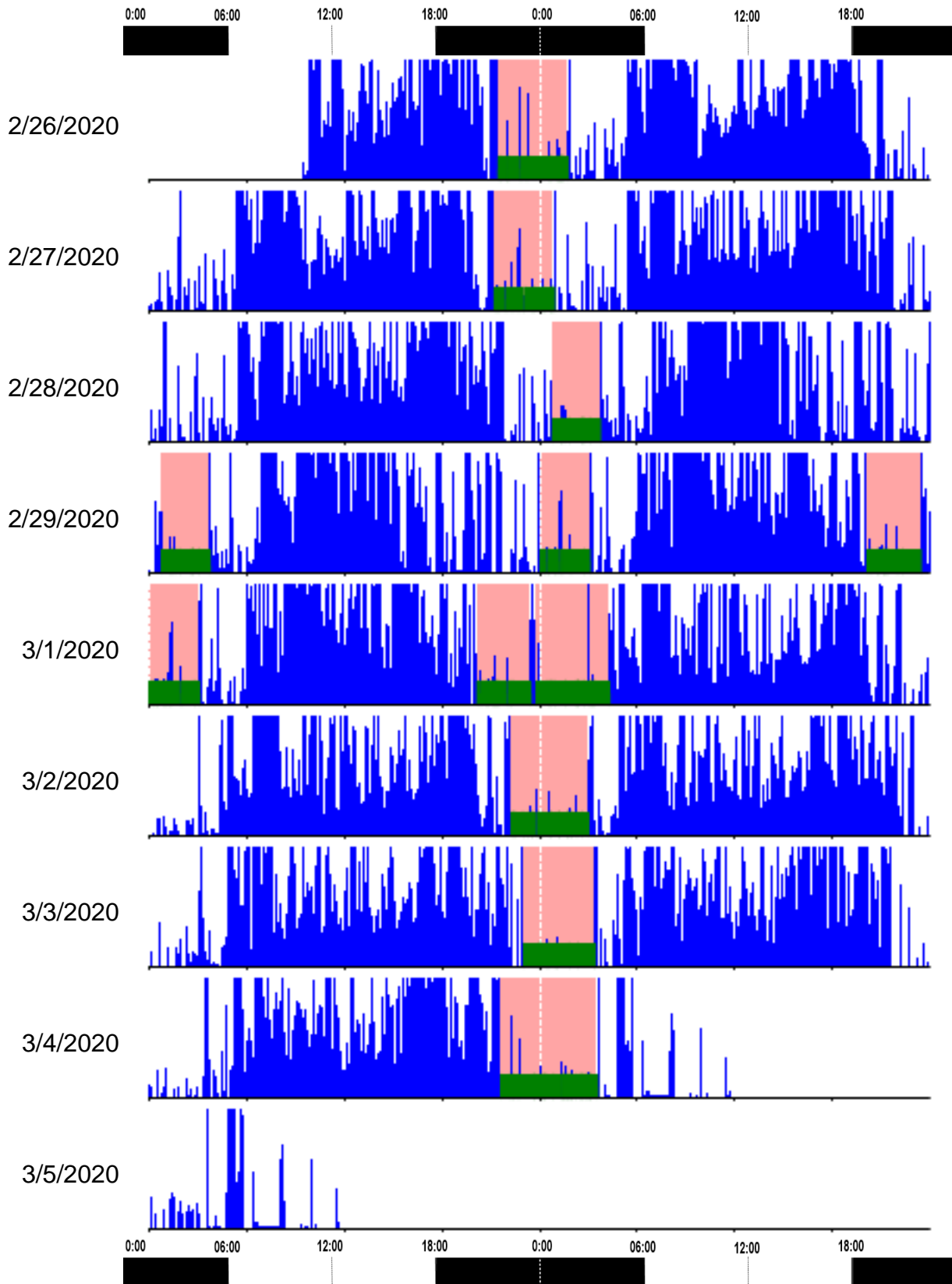
Total Moderate: 2147 min (18.50%)

Total Light: 4778 min (41.16%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
2/26/2020	274 min (30.44%)	406 min (45.11%)	220 min (24.44%)	0 min (0.00%)	0 min (0.00%)
2/27/2020	526 min (36.53%)	612 min (42.50%)	302 min (20.97%)	0 min (0.00%)	0 min (0.00%)
2/28/2020	481 min (33.40%)	691 min (47.99%)	268 min (18.61%)	0 min (0.00%)	0 min (0.00%)
2/29/2020	713 min (49.51%)	429 min (29.79%)	298 min (20.69%)	0 min (0.00%)	0 min (0.00%)
3/1/2020	631 min (43.82%)	499 min (34.65%)	310 min (21.53%)	0 min (0.00%)	0 min (0.00%)
3/2/2020	542 min (37.64%)	632 min (43.89%)	266 min (18.47%)	0 min (0.00%)	0 min (0.00%)
3/3/2020	456 min (31.67%)	765 min (53.13%)	219 min (15.21%)	0 min (0.00%)	0 min (0.00%)
3/4/2020	534 min (37.08%)	667 min (46.32%)	239 min (16.60%)	0 min (0.00%)	0 min (0.00%)
3/5/2020	525 min (83.73%)	77 min (12.28%)	25 min (3.99%)	0 min (0.00%)	0 min (0.00%)

Sleep Graphs



Sleep Period Breakdown

Sleep Algorithm: Cole-Kripke

In Bed	Out Bed	Latency (min)	Efficiency	Total Time in Bed (min)	Total Sleep Time (TST) (min)	Wake After Sleep Onset (WASO)	# of Awakenings	Avg Awakening (min)
2/26/2020 9:28 PM	2/27/2020 1:44 AM	0	85.16%	256	218	38	13	2.92
2/27/2020 9:13 PM	2/28/2020 12:53 AM	0	80.45%	220	177	43	13	3.31
2/29/2020 12:48 AM	2/29/2020 3:43 AM	0	90.29%	175	158	17	8	2.13
3/1/2020 12:03 AM	3/1/2020 3:04 AM	0	80.66%	181	146	35	9	3.89
3/1/2020 8:10 PM	3/1/2020 11:26 PM	0	84.18%	196	165	31	10	3.1
3/1/2020 11:51 PM	3/2/2020 4:17 AM	0	89.1%	266	237	29	13	2.23
3/2/2020 10:16 PM	3/3/2020 3:00 AM	0	83.8%	284	238	46	19	2.42
3/3/2020 11:02 PM	3/4/2020 3:24 AM	0	94.27%	262	247	15	10	1.5
3/4/2020 9:38 PM	3/5/2020 3:33 AM	0	86.2%	355	306	49	27	1.81
10:29 PM	5:13 AM	0	86.01%	243.89	210.22	33.67	13.56	2.48

Interpretation