

ActiGraph Clinical Report

Name: PD144

Data Start: 8/23/2019 8:00:00 AM

Data End: 9/1/2019 11:59:00 PM

Weight: 283 lbs

Device Serial: TAS1H11190112

Wear Time Information

Wear Time Validation Algorithm: Troiano

Wear %: 74.5

Total Wear Time: 172hours 52min

Avg Wear Time Per Day: 17hours 17min 0sec

Non-Wear %: 25.5

Total Non-Wear Time: 59hours 8min

Avg Non-Wear Time Per Day: 5hours 55min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
8/23/2019	960	0	100	0
8/24/2019	1440	0	100	0
8/25/2019	1361	79	94.5	5.5
8/26/2019	1440	0	100	0
8/27/2019	1440	0	100	0
8/28/2019	1378	62	95.7	4.3
8/29/2019	1440	0	100	0
8/30/2019	913	527	63.4	36.6
8/31/2019	0	1440	0	100
9/1/2019	0	1440	0	100

Energy Expenditure

Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 25009.462
Total Steps: 81694
Average kcals per day: 3126.183
Average Hourly kcals: 142.099

Axis 1 Counts: 9638990
Axis 2 Counts: 7918077
Axis 3 Counts: 8648491
Vector Magnitude: 15179014

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/23/2019	2835.052	177.191	1085991	1034404	946207	1773323	10933
8/24/2019	2193.481	91.395	856536	544858	686187	1225307	5342
8/25/2019	3324.930	138.539	1237429	1059064	1161262	2000344	9824
8/26/2019	3140.883	130.870	1191129	984760	1074326	1882211	10822
8/27/2019	3871.613	161.317	1508069	1156647	1382308	2350081	13008
8/28/2019	3442.116	143.422	1366816	1102943	1281766	2174303	11408
8/29/2019	4153.621	173.068	1586187	1328015	1431523	2515725	13393
8/30/2019	2047.766	85.324	806833	707386	684912	1272980	6964
8/31/2019	0	0	0	0	0	0	0
9/1/2019	0	0	0	0	0	0	0

MET Rate

MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.749
Total Steps: 81694
Axis 3 Counts: 8648491

Axis 1 Counts: 9638990
Axis 2 Counts: 7918077
Vector Magnitude: 15179014

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/23/2019	1.969	1085991	1034404	946207	1773323	10933
8/24/2019	1.475	856536	544858	686187	1225307	5342
8/25/2019	1.762	1237429	1059064	1161262	2000344	9824
8/26/2019	1.642	1191129	984760	1074326	1882211	10822
8/27/2019	1.826	1508069	1156647	1382308	2350081	13008
8/28/2019	1.754	1366816	1102943	1281766	2174303	11408
8/29/2019	1.893	1586187	1328015	1431523	2515725	13393
8/30/2019	1.742	806833	707386	684912	1272980	6964
8/31/2019	1	0	0	0	0	0
9/1/2019	1	0	0	0	0	0

Cut Points

Cut Point Set: Freedson Adult (1998)

Total Sedentary: 5489 min (52.92%)

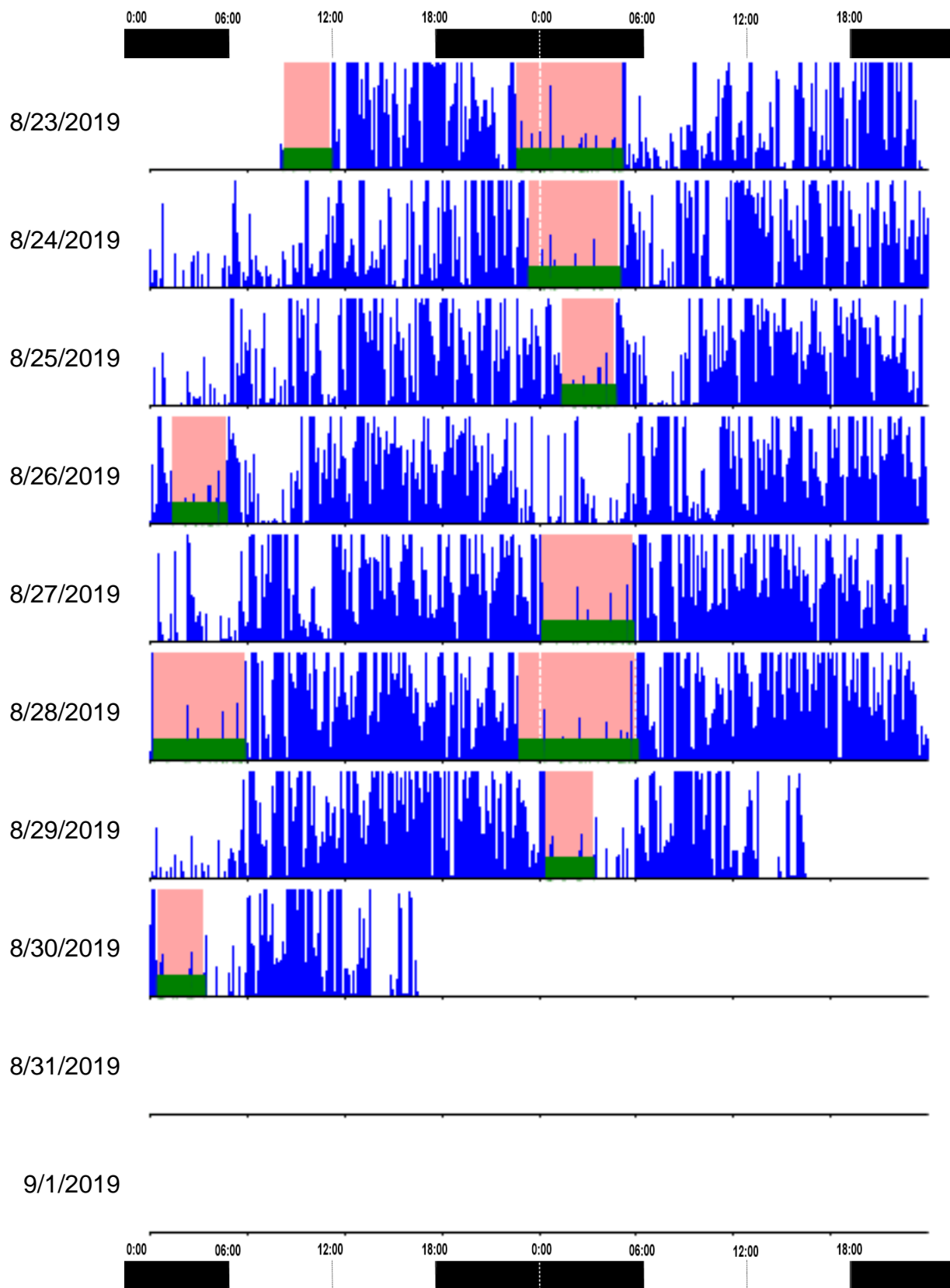
Total Moderate: 1372 min (13.23%)

Total Light: 3511 min (33.85%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
8/23/2019	475 min (49.48%)	312 min (32.50%)	173 min (18.02%)	0 min (0.00%)	0 min (0.00%)
8/24/2019	980 min (68.06%)	332 min (23.06%)	128 min (8.89%)	0 min (0.00%)	0 min (0.00%)
8/25/2019	754 min (55.40%)	427 min (31.37%)	180 min (13.23%)	0 min (0.00%)	0 min (0.00%)
8/26/2019	774 min (53.75%)	515 min (35.76%)	151 min (10.49%)	0 min (0.00%)	0 min (0.00%)
8/27/2019	652 min (45.28%)	579 min (40.21%)	209 min (14.51%)	0 min (0.00%)	0 min (0.00%)
8/28/2019	651 min (47.24%)	552 min (40.06%)	175 min (12.70%)	0 min (0.00%)	0 min (0.00%)
8/29/2019	636 min (44.17%)	578 min (40.14%)	226 min (15.69%)	0 min (0.00%)	0 min (0.00%)
8/30/2019	567 min (62.10%)	216 min (23.66%)	130 min (14.24%)	0 min (0.00%)	0 min (0.00%)
8/31/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
9/1/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	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)
8/23/2019 8:15 AM	8/23/2019 11:10 AM	0	97.71%	175	171	4	3	1.33
8/23/2019 10:39 PM	8/24/2019 5:08 AM	0	82.26%	389	320	69	25	2.76
8/24/2019 11:22 PM	8/25/2019 4:59 AM	0	91.1%	337	307	30	12	2.5
8/26/2019 1:25 AM	8/26/2019 4:43 AM	0	84.34%	198	167	31	10	3.1
8/28/2019 12:13 AM	8/28/2019 5:50 AM	0	89.91%	337	303	34	16	2.13
8/28/2019 10:47 PM	8/29/2019 6:06 AM	0	88.38%	439	388	51	24	2.13
8/30/2019 12:27 AM	8/30/2019 3:22 AM	0	85.14%	175	149	26	10	2.6
1:01 AM	5:54 AM	0	88.41%	292.86	257.86	35	14.29	2.45

Interpretation