ActiGraph Clinical Report

Name: PD140

Data Start: 8/16/2019 11:30:00 AM

Data End: 8/25/2019 11:59:00 PM

Weight: 182 lbs

Device Serial: TAS1H11190097

Wear Time Information

Wear Time Validation Algorithm: Troiano

Wear %: 76.5
Total Wear Time: 174hours 52min
Avg Wear Time Per Day: 17hours 29min 0sec

Non-Wear %: 23.5
Total Non-Wear Time: 53hours 38min
Avg Non-Wear Time Per Day: 5hours 22min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
8/16/2019	750	0	100	0
8/17/2019	1440	0	100	0
8/18/2019	1440	0	100	0
8/19/2019	1440	0	100	0
8/20/2019	1440	0	100	0
8/21/2019	1440	0	100	0
8/22/2019	1440	0	100	0
8/23/2019	1102	338	76.5	23.5
8/24/2019	0	1440	0	100
8/25/2019	0	1440	0	100

Energy Expenditure

Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 18149.936
Total Steps: 121439
Average kcals per day: 2268.742
Average Hourly kcals: 103.125

Axis 1 Counts: 12641753
Axis 2 Counts: 10663914
Axis 3 Counts: 12603778
Vector Magnitude: 20793946

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/16/2019	1476.358	113.566	997203	732839	888371	1523375	9891
8/17/2019	2984.034	124.335	2023463	1746692	1963538	3316748	20454
8/18/2019	2552.142	106.339	1753572	1579887	1944340	3058025	16401
8/19/2019	2216.178	92.341	1589213	1281275	1535387	2554345	14344
8/20/2019	2776.514	115.688	1909069	1596591	1844725	3097847	18827
8/21/2019	2653.920	110.580	1864696	1655412	1918164	3145923	17658
8/22/2019	2199.874	91.661	1593233	1305034	1576162	2593413	15443
8/23/2019	1290.916	53.788	911304	766184	933091	1512670	8421
8/24/2019	0	0	0	0	0	0	0
8/25/2019	0	0	0	0	0	0	0

MET Rate

MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.738
Total Steps: 121439
Axis 3 Counts: 12603778

Axis 1 Counts: 12641753
Axis 2 Counts: 10663914
Vector Magnitude: 20793946

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/16/2019	1.817	997203	732839	888371	1523375	9891
8/17/2019	1.917	2023463	1746692	1963538	3316748	20454
8/18/2019	1.812	1753572	1579887	1944340	3058025	16401
8/19/2019	1.632	1589213	1281275	1535387	2554345	14344
8/20/2019	1.847	1909069	1596591	1844725	3097847	18827
8/21/2019	1.775	1864696	1655412	1918164	3145923	17658
8/22/2019	1.635	1593233	1305034	1576162	2593413	15443
8/23/2019	1.433	911304	766184	933091	1512670	8421
8/24/2019	1	0	0	0	0	0
8/25/2019	1	0	0	0	0	0

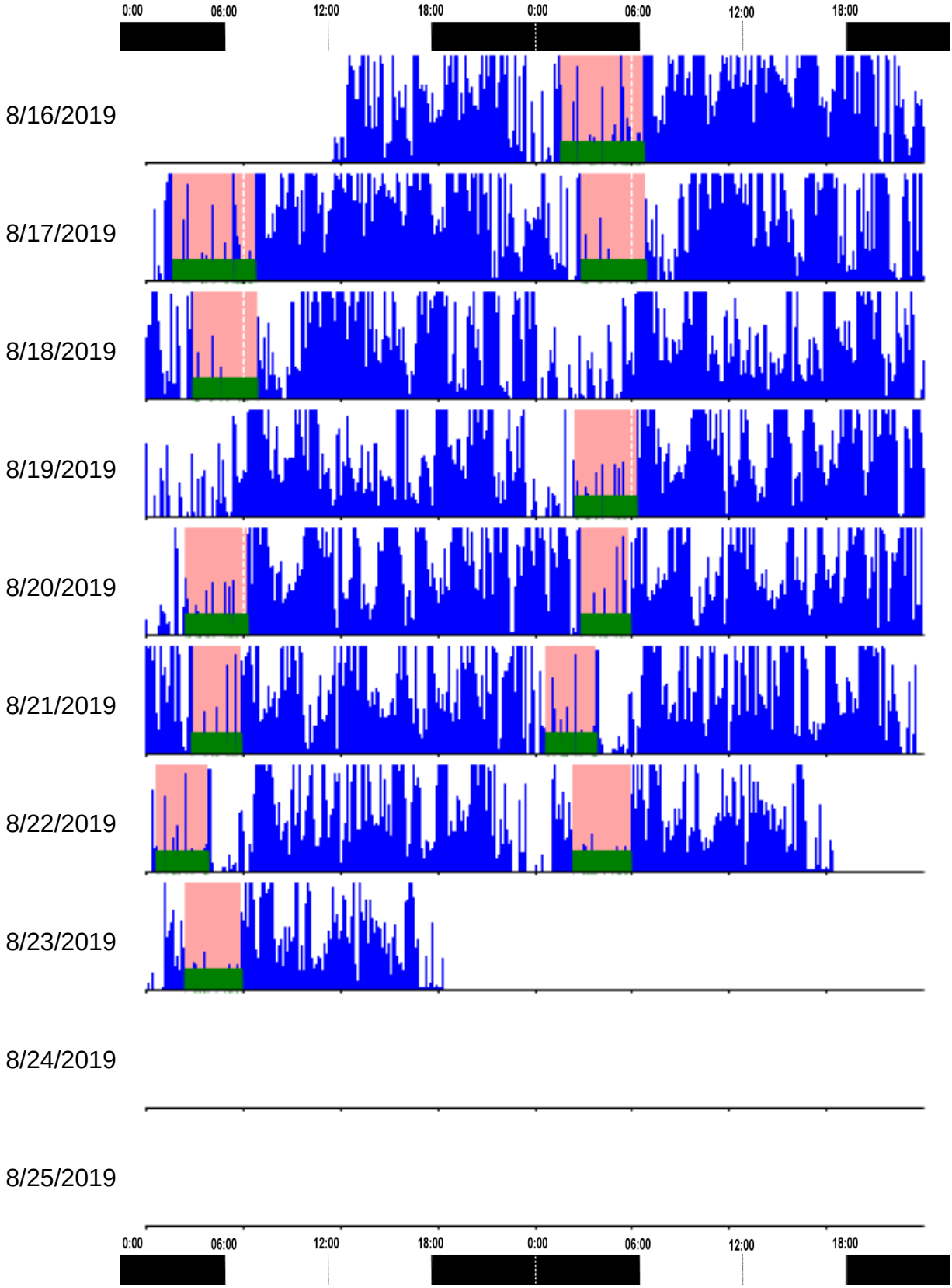
Cut Points

Cut Point Set: Freedson Adult (1998)

Total Sedentary: 3750 min (35.74%)
Total Light: 4989 min (47.55%)
Total Moderate: 1753 min (16.71%)
Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
8/16/2019	197 min (26.27%)	418 min (55.73%)	135 min (18.00%)	0 min (0.00%)	0 min (0.00%)
8/17/2019	479 min (33.26%)	664 min (46.11%)	297 min (20.63%)	0 min (0.00%)	0 min (0.00%)
8/18/2019	595 min (41.32%)	554 min (38.47%)	291 min (20.21%)	0 min (0.00%)	0 min (0.00%)
8/19/2019	520 min (36.11%)	716 min (49.72%)	204 min (14.17%)	0 min (0.00%)	0 min (0.00%)
8/20/2019	481 min (33.40%)	678 min (47.08%)	281 min (19.51%)	0 min (0.00%)	0 min (0.00%)
8/21/2019	447 min (31.04%)	747 min (51.88%)	246 min (17.08%)	0 min (0.00%)	0 min (0.00%)
8/22/2019	544 min (37.78%)	688 min (47.78%)	208 min (14.44%)	0 min (0.00%)	0 min (0.00%)
8/23/2019	487 min (44.19%)	524 min (47.55%)	91 min (8.26%)	0 min (0.00%)	0 min (0.00%)
8/24/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
8/25/2019	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)

Sleep Graphs



ActiLife 6 Data Analysis Software

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)
8/17/2019 1:39 AM	8/17/2019 6:43 AM	0	75.99%	304	231	73	18	4.06
8/18/2019 2:53 AM	8/18/2019 6:51 AM	0	89.08%	238	212	26	11	2.36
8/20/2019 2:28 AM	8/20/2019 6:16 AM	0	78.51%	228	179	49	14	3.5
8/21/2019 2:51 AM	8/21/2019 5:52 AM	0	82.32%	181	149	32	7	4.57
8/22/2019 12:40 AM	8/22/2019 3:48 AM	0	77.66%	188	146	42	12	3.5
8/23/2019 2:23 AM	8/23/2019 5:54 AM	0	89.57%	211	189	22	14	1.57
2:09 AM	**5:54 AM**	**0**	**82.19%**	**225**	**184.33**	**40.67**	**12.67**	**3.21**

Interpretation