

# ActiGraph Clinical Report

Name: PD142

Data Start: 8/20/2019 11:00:00 AM

Data End: 8/29/2019 11:59:00 PM

Weight: 183 lbs

Device Serial: TAS1H11190197

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 66.2

Total Wear Time: 151hours 41min

Avg Wear Time Per Day: 15hours 10min 0sec

Non-Wear %: 33.8

Total Non-Wear Time: 77hours 19min

Avg Non-Wear Time Per Day: 7hours 44min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
8/20/2019	707	73	90.6	9.4
8/21/2019	1119	321	77.7	22.3
8/22/2019	1356	84	94.2	5.8
8/23/2019	1440	0	100	0
8/24/2019	1323	117	91.9	8.1
8/25/2019	1419	21	98.5	1.5
8/26/2019	1313	127	91.2	8.8
8/27/2019	423	1017	29.4	70.6
8/28/2019	1	1439	0.1	99.9
8/29/2019	0	1440	0	100

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 8898.844

Total Steps: 55328

Average kcals per day: 988.760

Average Hourly kcals: 53.932

Axis 1 Counts: 6514991

Axis 2 Counts: 6137910

Axis 3 Counts: 7347415

Vector Magnitude: 11580309

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/20/2019	972.879	74.837	840367	661301	827483	1352133	7084
8/21/2019	1100.207	45.842	748752	739931	875307	1369047	6288
8/22/2019	973.878	40.578	687377	638407	752231	1202457	5328
8/23/2019	1947.786	81.158	1586502	1360308	1528997	2589451	13080
8/24/2019	2089.961	87.082	1400191	1484394	1752452	2689805	12550
8/25/2019	857.564	35.732	588920	581116	783178	1139250	5319
8/26/2019	880.500	36.688	610091	628215	776666	1170502	5306
8/27/2019	75.551	3.148	52178	43632	50545	84741	371
8/28/2019	0.518	0.022	613	606	556	1026	2
8/29/2019	0	0	0	0	0	0	0

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.400  
Total Steps: 55328  
Axis 3 Counts: 7347415

Axis 1 Counts: 6514991  
Axis 2 Counts: 6137910  
Vector Magnitude: 11580309

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/20/2019	1.620	840367	661301	827483	1352133	7084
8/21/2019	1.392	748752	739931	875307	1369047	6288
8/22/2019	1.255	687377	638407	752231	1202457	5328
8/23/2019	1.606	1586502	1360308	1528997	2589451	13080
8/24/2019	1.666	1400191	1484394	1752452	2689805	12550
8/25/2019	1.228	588920	581116	783178	1139250	5319
8/26/2019	1.236	610091	628215	776666	1170502	5306
8/27/2019	1.062	52178	43632	50545	84741	371
8/28/2019	1	613	606	556	1026	2
8/29/2019	1	0	0	0	0	0

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 5449 min (59.87%)

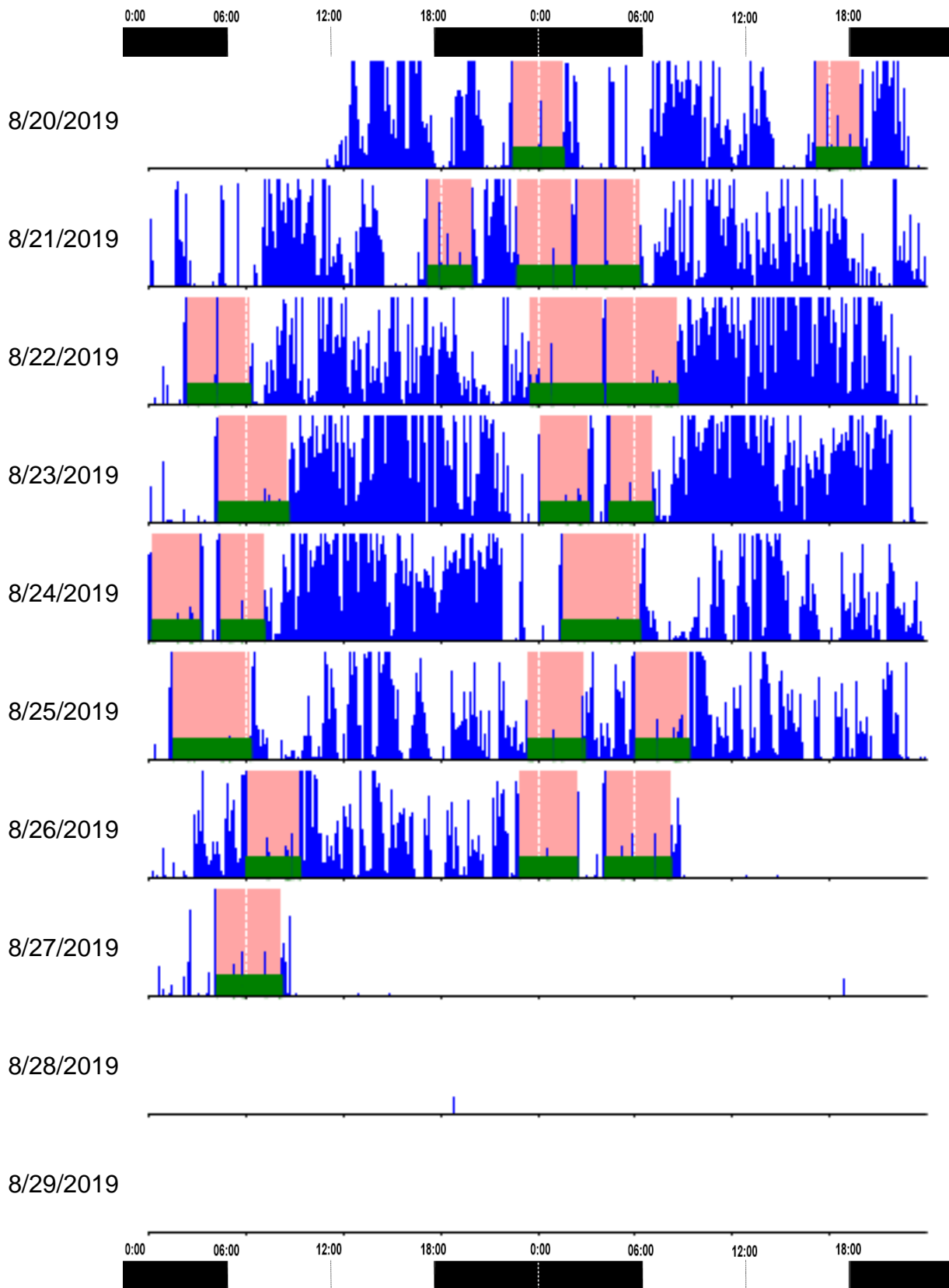
Total Moderate: 783 min (8.60%)

Total Light: 2869 min (31.52%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
8/20/2019	376 min (53.18%)	225 min (31.82%)	106 min (14.99%)	0 min (0.00%)	0 min (0.00%)
8/21/2019	639 min (57.10%)	386 min (34.50%)	94 min (8.40%)	0 min (0.00%)	0 min (0.00%)
8/22/2019	854 min (62.98%)	438 min (32.30%)	64 min (4.72%)	0 min (0.00%)	0 min (0.00%)
8/23/2019	781 min (54.24%)	454 min (31.53%)	205 min (14.24%)	0 min (0.00%)	0 min (0.00%)
8/24/2019	563 min (42.55%)	575 min (43.46%)	185 min (13.98%)	0 min (0.00%)	0 min (0.00%)
8/25/2019	1008 min (71.04%)	345 min (24.31%)	66 min (4.65%)	0 min (0.00%)	0 min (0.00%)
8/26/2019	851 min (64.81%)	404 min (30.77%)	58 min (4.42%)	0 min (0.00%)	0 min (0.00%)
8/27/2019	377 min (89.13%)	41 min (9.69%)	5 min (1.18%)	0 min (0.00%)	0 min (0.00%)
8/28/2019	0 min (0.00%)	1 min (100.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
8/29/2019	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)
8/20/2019 10:28 PM	8/21/2019 1:36 AM	0	94.15%	188	177	11	4	2.75
8/21/2019 5:13 PM	8/21/2019 7:54 PM	0	84.47%	161	136	25	8	3.13
8/21/2019 10:43 PM	8/22/2019 2:07 AM	0	94.61%	204	193	11	4	2.75
8/22/2019 2:24 AM	8/22/2019 6:16 AM	0	94.83%	232	220	12	4	3
8/22/2019 11:35 PM	8/23/2019 4:02 AM	0	91.01%	267	243	24	6	4
8/23/2019 4:18 AM	8/23/2019 8:37 AM	0	91.89%	259	238	21	11	1.91
8/24/2019 12:11 AM	8/24/2019 3:09 AM	0	95.51%	178	170	8	8	1
8/24/2019 4:27 AM	8/24/2019 7:08 AM	0	96.27%	161	155	6	4	1.5
8/25/2019 1:31 AM	8/25/2019 6:18 AM	0	97.56%	287	280	7	6	1.17
8/25/2019 11:24 PM	8/26/2019 2:54 AM	0	89.52%	210	188	22	5	4.4
8/26/2019 6:02 AM	8/26/2019 9:20 AM	0	87.88%	198	174	24	8	3
8/26/2019 10:52 PM	8/27/2019 2:26 AM	0	98.6%	214	211	3	3	1
8/27/2019 4:12 AM	8/27/2019 8:13 AM	0	90.04%	241	217	24	8	3
<b>12:52 AM</b>	<b>6:18 AM</b>	<b>0</b>	<b>92.8%</b>	<b>215.38</b>	<b>200.15</b>	<b>15.23</b>	<b>6.08</b>	<b>2.51</b>

# Interpretation