

# ActiGraph Clinical Report

Name: PD166

Data Start: 11/13/2019 10:00:00 AM

Data End: 11/18/2019 2:43:00 PM

Weight: 220 lbs

Device Serial: TAS1H06190092

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 93.3

Total Wear Time: 116hours 19min

Avg Wear Time Per Day: 19hours 23min 0sec

Non-Wear %: 6.7

Total Non-Wear Time: 8hours 25min

Avg Non-Wear Time Per Day: 1hours 24min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
11/13/2019	839	1	99.9	0.1
11/14/2019	1364	76	94.7	5.3
11/15/2019	1377	63	95.6	4.4
11/16/2019	1306	134	90.7	9.3
11/17/2019	1276	164	88.6	11.4
11/18/2019	817	67	92.4	7.6

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 10690.778

Total Steps: 62485

Average kcals per day: 1781.796

Average Hourly kcals: 89.090

Axis 1 Counts: 5703206

Axis 2 Counts: 5120884

Axis 3 Counts: 5434095

Vector Magnitude: 9395712

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
11/13/2019	1545.224	110.373	815525	796735	794073	1389395	9529
11/14/2019	2848.635	118.693	1463188	1357296	1371139	2421403	13208
11/15/2019	2661.847	110.910	1402128	1226721	1277040	2258681	15659
11/16/2019	846.507	35.271	525101	374593	356501	736983	4661
11/17/2019	1557.758	64.907	850657	804339	1077437	1591053	8509
11/18/2019	1230.807	82.054	646607	561200	557905	1021912	10919

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.508  
Total Steps: 62485  
Axis 3 Counts: 5434095

Axis 1 Counts: 5703206  
Axis 2 Counts: 5120884  
Vector Magnitude: 9395712

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
11/13/2019	1.582	815525	796735	794073	1389395	9529
11/14/2019	1.764	1463188	1357296	1371139	2421403	13208
11/15/2019	1.664	1402128	1226721	1277040	2258681	15659
11/16/2019	1.142	525101	374593	356501	736983	4661
11/17/2019	1.378	850657	804339	1077437	1591053	8509
11/18/2019	1.526	646607	561200	557905	1021912	10919

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 3157 min (45.24%)

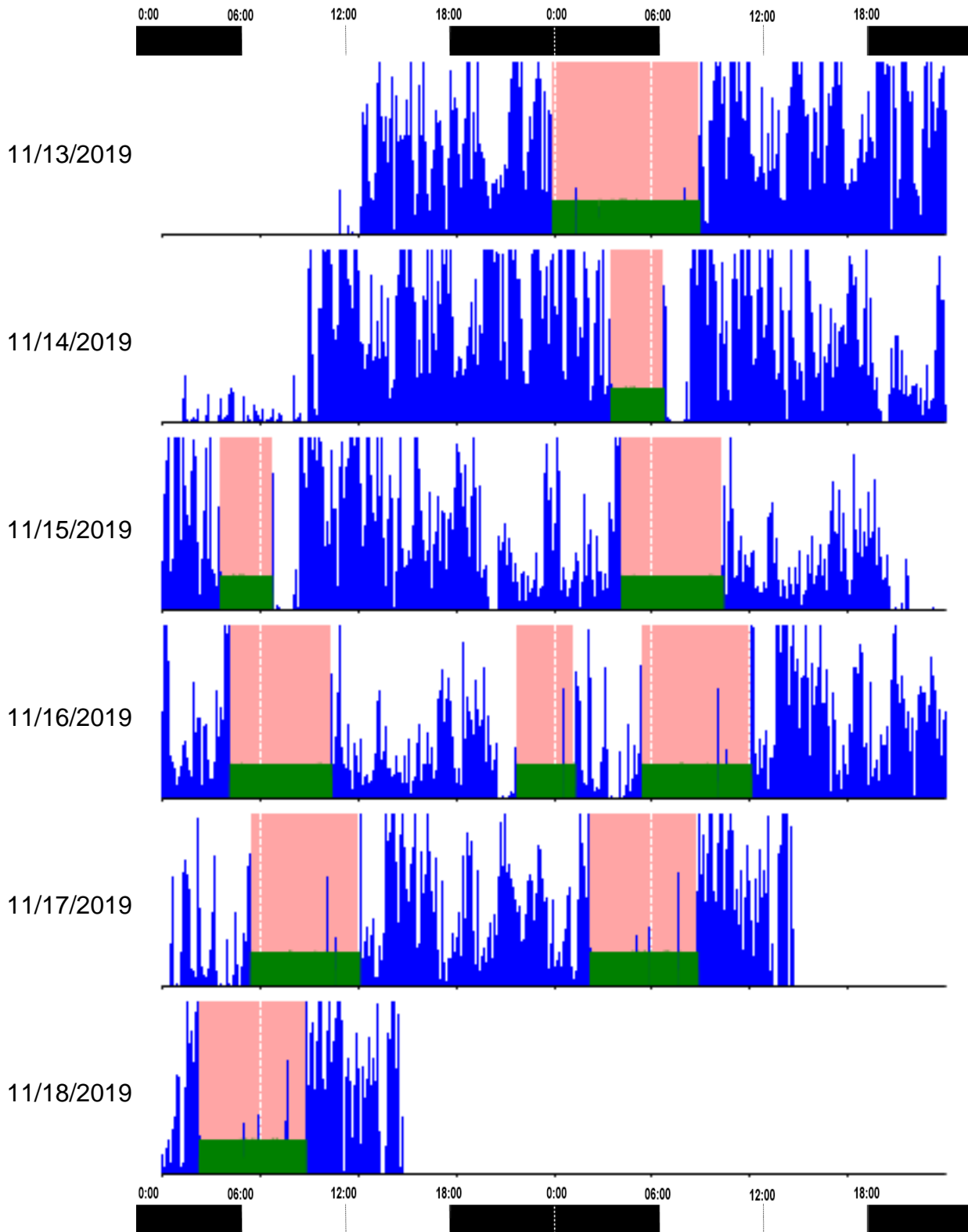
Total Moderate: 605 min (8.67%)

Total Light: 3217 min (46.10%)

Total Vigorous: 0 min (0.00%)

<b>Date</b>	<b>Sedentary</b>	<b>Light</b>	<b>Moderate</b>	<b>Vigorous</b>	<b>Very Vigorous</b>
11/13/2019	262 min (31.23%)	502 min (59.83%)	75 min (8.94%)	0 min (0.00%)	0 min (0.00%)
11/14/2019	545 min (39.96%)	620 min (45.45%)	199 min (14.59%)	0 min (0.00%)	0 min (0.00%)
11/15/2019	510 min (37.04%)	703 min (51.05%)	164 min (11.91%)	0 min (0.00%)	0 min (0.00%)
11/16/2019	728 min (55.74%)	556 min (42.57%)	22 min (1.68%)	0 min (0.00%)	0 min (0.00%)
11/17/2019	668 min (52.35%)	535 min (41.93%)	73 min (5.72%)	0 min (0.00%)	0 min (0.00%)
11/18/2019	444 min (54.35%)	301 min (36.84%)	72 min (8.81%)	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)
11/13/2019 11:56 PM	11/14/2019 8:54 AM	0	92.57%	538	498	40	11	3.64
11/15/2019 3:34 AM	11/15/2019 6:43 AM	0	94.18%	189	178	11	6	1.83
11/16/2019 4:10 AM	11/16/2019 10:21 AM	0	99.19%	371	368	3	3	1
11/16/2019 9:45 PM	11/17/2019 1:16 AM	0	95.73%	211	202	9	2	4.5
11/17/2019 5:26 AM	11/17/2019 12:04 PM	0	95.48%	398	380	18	6	3
11/18/2019 2:17 AM	11/18/2019 8:47 AM	0	91.79%	390	358	32	12	2.67
<b>2:11 AM</b>	<b>8:00 AM</b>	<b>0</b>	<b>94.82%</b>	<b>349.5</b>	<b>330.67</b>	<b>18.83</b>	<b>6.67</b>	<b>2.83</b>

# Interpretation