

# ActiGraph Clinical Report

Name: PD155

Data Start: 10/11/2019 3:00:00 PM

Data End: 10/19/2019 11:04:00 PM

Weight: 234 lbs

Device Serial: TAS1H11190098

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 82

Total Wear Time: 164hours 6min

Avg Wear Time Per Day: 18hours 14min 0sec

Non-Wear %: 18

Total Non-Wear Time: 35hours 59min

Avg Non-Wear Time Per Day: 4hours 0min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
10/11/2019	501	39	92.8	7.2
10/12/2019	1341	99	93.1	6.9
10/13/2019	1437	3	99.8	0.2
10/14/2019	1371	69	95.2	4.8
10/15/2019	1440	0	100	0
10/16/2019	1440	0	100	0
10/17/2019	1379	61	95.8	4.2
10/18/2019	937	503	65.1	34.9
10/19/2019	0	1385	0	100

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 13408.398

Total Steps: 63296

Average kcals per day: 1676.050

Average Hourly kcals: 79.812

Axis 1 Counts: 6656279

Axis 2 Counts: 6698097

Axis 3 Counts: 6895853

Vector Magnitude: 11692876

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
10/11/2019	959.779	106.642	464831	496336	548388	873583	4484
10/12/2019	2144.916	89.372	1056378	999579	1019537	1776105	9038
10/13/2019	1833.660	76.403	922940	849897	861534	1521967	8018
10/14/2019	1935.090	80.629	936247	941493	963806	1640698	8454
10/15/2019	1456.954	60.706	729234	655570	710543	1210961	6083
10/16/2019	2026.842	84.452	1014005	1071147	1050546	1810859	9849
10/17/2019	1903.678	79.320	948727	1065154	1056593	1775113	10497
10/18/2019	1147.479	47.812	583917	618921	684906	1092300	6873
10/19/2019	0	0	0	0	0	0	0

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.427  
Total Steps: 63296  
Axis 3 Counts: 6895853

Axis 1 Counts: 6656279  
Axis 2 Counts: 6698097  
Vector Magnitude: 11692876

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
10/11/2019	1.627	464831	496336	548388	873583	4484
10/12/2019	1.515	1056378	999579	1019537	1776105	9038
10/13/2019	1.382	922940	849897	861534	1521967	8018
10/14/2019	1.477	936247	941493	963806	1640698	8454
10/15/2019	1.314	729234	655570	710543	1210961	6083
10/16/2019	1.428	1014005	1071147	1050546	1810859	9849
10/17/2019	1.419	948727	1065154	1056593	1775113	10497
10/18/2019	1.375	583917	618921	684906	1092300	6873
10/19/2019	1	0	0	0	0	0

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 5323 min (54.06%)

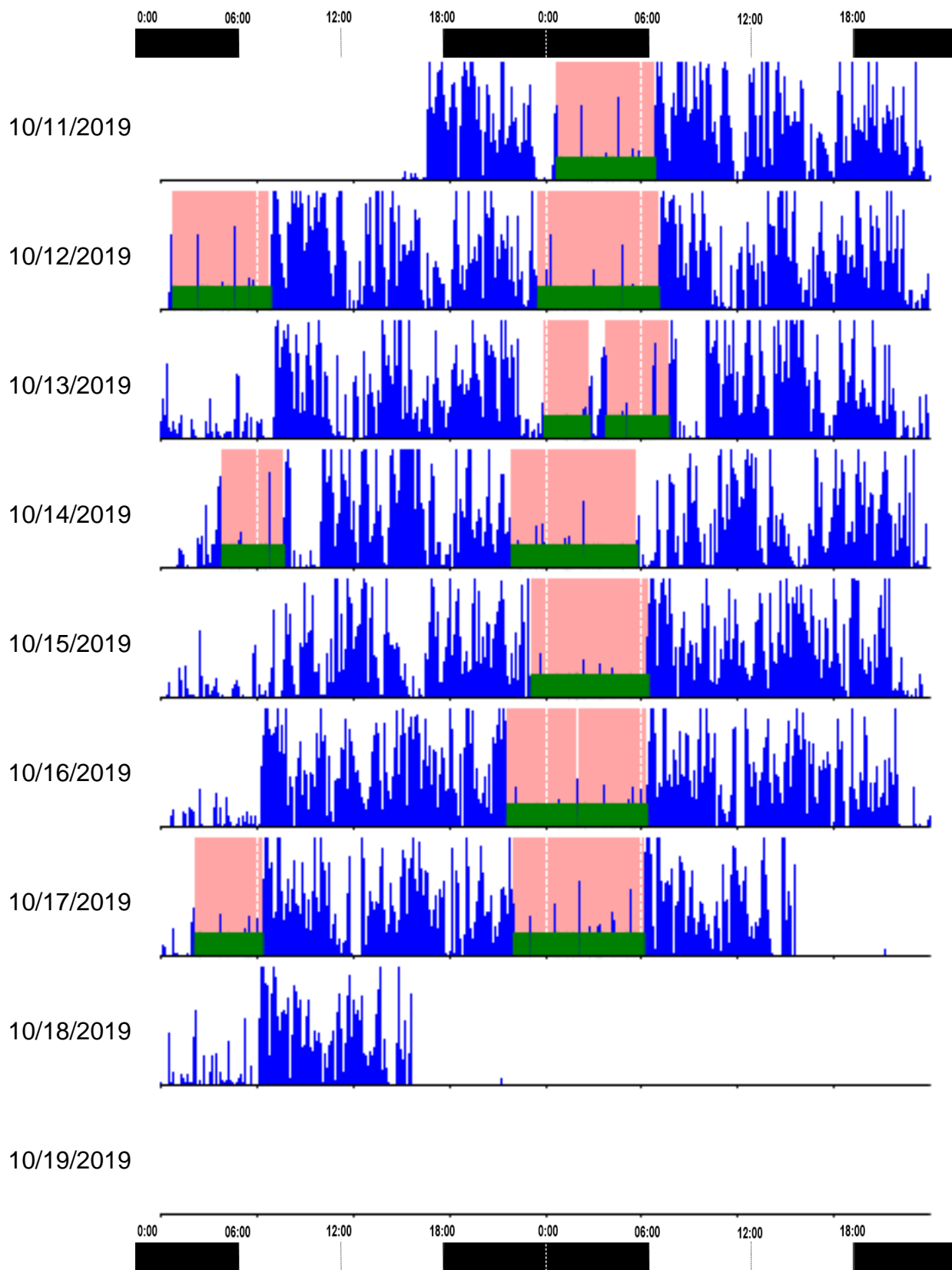
Total Moderate: 693 min (7.04%)

Total Light: 3830 min (38.90%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
10/11/2019	228 min (45.51%)	223 min (44.51%)	50 min (9.98%)	0 min (0.00%)	0 min (0.00%)
10/12/2019	655 min (48.84%)	568 min (42.36%)	118 min (8.80%)	0 min (0.00%)	0 min (0.00%)
10/13/2019	781 min (54.35%)	570 min (39.67%)	86 min (5.98%)	0 min (0.00%)	0 min (0.00%)
10/14/2019	793 min (57.84%)	460 min (33.55%)	118 min (8.61%)	0 min (0.00%)	0 min (0.00%)
10/15/2019	908 min (63.06%)	455 min (31.60%)	77 min (5.35%)	0 min (0.00%)	0 min (0.00%)
10/16/2019	720 min (50.00%)	623 min (43.26%)	97 min (6.74%)	0 min (0.00%)	0 min (0.00%)
10/17/2019	701 min (50.83%)	586 min (42.49%)	92 min (6.67%)	0 min (0.00%)	0 min (0.00%)
10/18/2019	537 min (57.31%)	345 min (36.82%)	55 min (5.87%)	0 min (0.00%)	0 min (0.00%)
10/19/2019	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)
10/12/2019 12:45 AM	10/12/2019 6:50 AM	0	87.95%	365	321	44	17	2.59
10/12/2019 11:32 PM	10/13/2019 7:04 AM	0	87.83%	452	397	55	21	2.62
10/13/2019 11:57 PM	10/14/2019 2:45 AM	0	91.07%	168	153	15	8	1.88
10/14/2019 3:49 AM	10/14/2019 7:41 AM	0	86.64%	232	201	31	13	2.38
10/14/2019 9:53 PM	10/15/2019 5:44 AM	0	87.69%	471	413	58	23	2.52
10/15/2019 11:06 PM	10/16/2019 6:24 AM	0	88.81%	438	389	49	16	3.06
10/16/2019 9:36 PM	10/17/2019 1:57 AM	0	95.4%	261	249	12	5	2.4
10/17/2019 2:07 AM	10/17/2019 6:20 AM	0	91.7%	253	232	21	10	2.1
10/17/2019 10:03 PM	10/18/2019 6:09 AM	0	88.07%	486	428	58	18	3.22
<b>11:52 PM</b>	<b>5:39 AM</b>	<b>0</b>	<b>89.46%</b>	<b>347.33</b>	<b>309.22</b>	<b>38.11</b>	<b>14.56</b>	<b>2.62</b>

# Interpretation