ActiGraph Clinical Report

Name: PD144

Data Start: 9/9/2019 1:00:00 PM

Data End: 9/18/2019 11:59:00 PM

Weight: 283 lbs

Device Serial: TAS1H11190090

Wear Time Information

Wear Time Validation Algorithm: Troiano

Wear %: 41.1
Total Wear Time: 93hours 19min
Avg Wear Time Per Day: 9hours 20min 0sec

Non-Wear %: 58.9
Total Non-Wear Time: 133hours 41min
Avg Non-Wear Time Per Day: 13hours 22min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
9/9/2019	660	0	100	0
9/10/2019	1440	0	100	0
9/11/2019	1440	0	100	0
9/12/2019	1153	287	80.1	19.9
9/13/2019	346	1094	24	76
9/14/2019	7	1433	0.5	99.5
9/15/2019	131	1309	9.1	90.9
9/16/2019	46	1394	3.2	96.8
9/17/2019	376	1064	26.1	73.9
9/18/2019	0	1440	0	100

Energy Expenditure

Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 13707.319
Total Steps: 46571
Average kcals per day: 1523.035
Average Hourly kcals: 122.387

Axis 1 Counts: 5311045
Axis 2 Counts: 4200099
Axis 3 Counts: 4848502
Vector Magnitude: 8328025

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
9/9/2019	1853.720	168.520	716480	555817	650309	1115875	6085
9/10/2019	4754.138	198.089	1860888	1518660	1819938	3013537	16233
9/11/2019	3329.231	138.718	1279393	1021536	1150636	2001086	10513
9/12/2019	3505.649	146.069	1327237	1014827	1113173	2007632	11064
9/13/2019	178.414	7.434	75892	41045	55211	102433	1887
9/14/2019	5.127	0.214	2658	1560	2102	3731	22
9/15/2019	14.937	0.622	9578	9972	13033	19001	105
9/16/2019	9.472	0.395	5646	6434	4098	9490	51
9/17/2019	56.631	2.360	33273	30248	40002	60185	611
9/18/2019	0	0	0	0	0	0	0

MET Rate

MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.747
Total Steps: 46571
Axis 3 Counts: 4848502

Axis 1 Counts: 5311045
Axis 2 Counts: 4200099
Vector Magnitude: 8328025

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
9/9/2019	1.805	716480	555817	650309	1115875	6085
9/10/2019	2.057	1860888	1518660	1819938	3013537	16233
9/11/2019	1.685	1279393	1021536	1150636	2001086	10513
9/12/2019	1.943	1327237	1014827	1113173	2007632	11064
9/13/2019	1.143	75892	41045	55211	102433	1887
9/14/2019	1.017	2658	1560	2102	3731	22
9/15/2019	1	9578	9972	13033	19001	105
9/16/2019	1	5646	6434	4098	9490	51
9/17/2019	1.012	33273	30248	40002	60185	611
9/18/2019	1	0	0	0	0	0

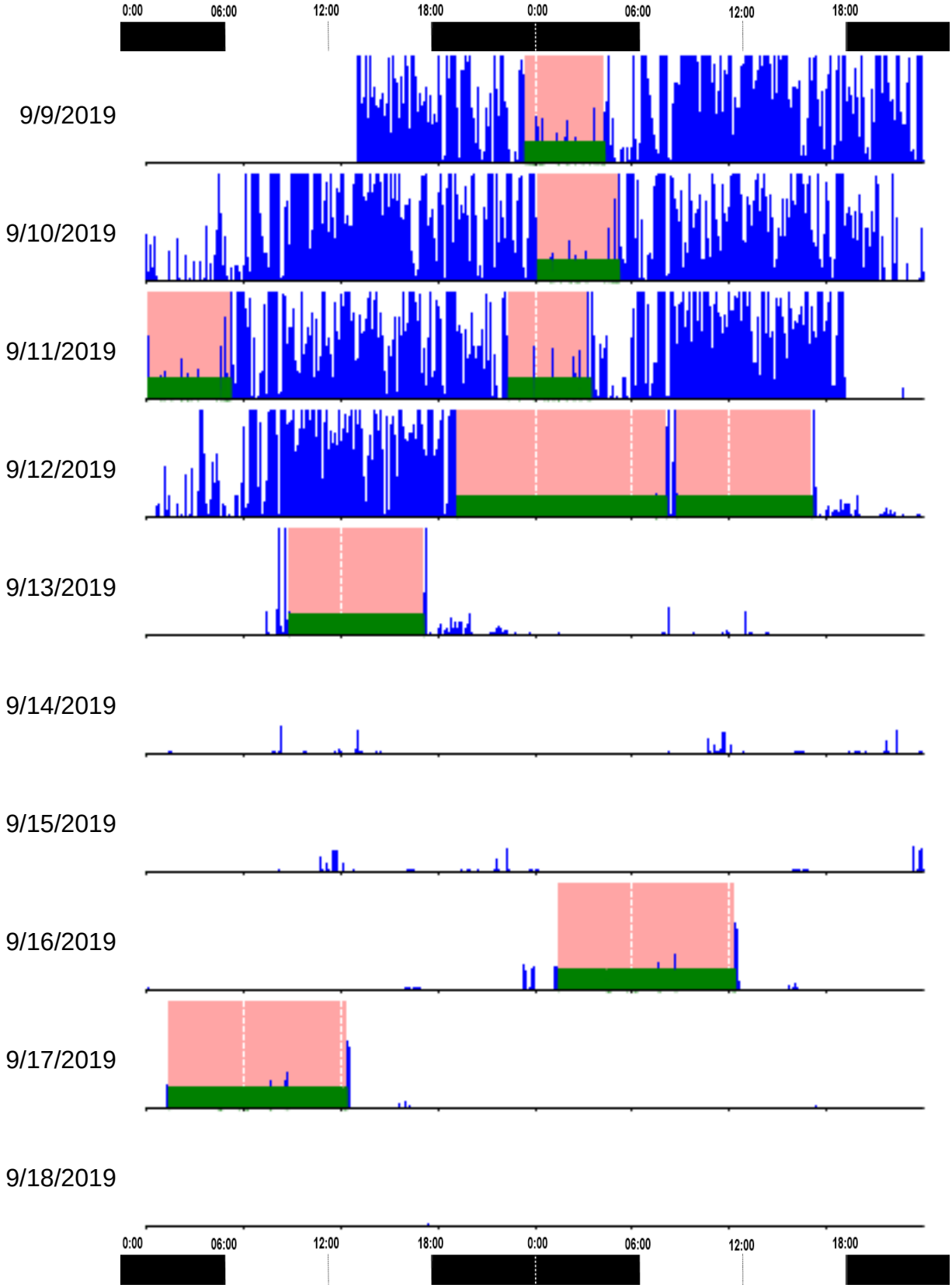
Cut Points

Cut Point Set: Freedson Adult (1998)

Total Sedentary: 2823 min (50.42%)
Total Light: 2048 min (36.58%)
Total Moderate: 728 min (13.00%)
Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
9/9/2019	242 min (36.67%)	333 min (50.45%)	85 min (12.88%)	0 min (0.00%)	0 min (0.00%)
9/10/2019	605 min (42.01%)	561 min (38.96%)	274 min (19.03%)	0 min (0.00%)	0 min (0.00%)
9/11/2019	725 min (50.35%)	546 min (37.92%)	169 min (11.74%)	0 min (0.00%)	0 min (0.00%)
9/12/2019	483 min (41.89%)	479 min (41.54%)	191 min (16.57%)	0 min (0.00%)	0 min (0.00%)
9/13/2019	285 min (82.37%)	52 min (15.03%)	9 min (2.60%)	0 min (0.00%)	0 min (0.00%)
9/14/2019	4 min (57.14%)	3 min (42.86%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
9/15/2019	114 min (87.02%)	17 min (12.98%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
9/16/2019	38 min (82.61%)	8 min (17.39%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
9/17/2019	327 min (86.97%)	49 min (13.03%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
9/18/2019	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)
9/9/2019 11:23 PM	9/10/2019 4:17 AM	0	80.61%	294	237	57	21	2.71
9/11/2019 12:10 AM	9/11/2019 5:11 AM	0	86.05%	301	259	42	16	2.63
9/11/2019 10:22 PM	9/12/2019 3:26 AM	0	85.53%	304	260	44	11	4
9/12/2019 7:14 PM	9/13/2019 8:06 AM	0	99.35%	772	767	5	2	2.5
9/13/2019 8:49 AM	9/13/2019 5:07 PM	0	100%	498	498	0	0	0
9/17/2019 1:27 AM	9/17/2019 12:21 PM	0	94.04%	654	615	39	14	2.79
12:34 AM	**8:24 AM**	**0**	**90.93%**	**470.5**	**439.33**	**31.17**	**10.67**	**2.92**

Interpretation