

# ActiGraph Clinical Report

Name: SID 180

Data Start: 8/15/2019 8:00:00 AM

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

Weight: 195 lbs

Device Serial: TAS1H11190165

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 71.1

Total Wear Time: 182hours 5min

Avg Wear Time Per Day: 16hours 33min 0sec

Non-Wear %: 28.9

Total Non-Wear Time: 73hours 55min

Avg Non-Wear Time Per Day: 6hours 43min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
8/15/2019	900	60	93.8	6.3
8/16/2019	1440	0	100	0
8/17/2019	1379	61	95.8	4.2
8/18/2019	1424	16	98.9	1.1
8/19/2019	1317	123	91.5	8.5
8/20/2019	1357	83	94.2	5.8
8/21/2019	1440	0	100	0
8/22/2019	1370	70	95.1	4.9
8/23/2019	280	1160	19.4	80.6
8/24/2019	18	1422	1.3	98.8
8/25/2019	0	1440	0	100

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 17867.642

Total Steps: 110560

Average kcals per day: 1786.764

Average Hourly kcals: 93.061

Axis 1 Counts: 10773981

Axis 2 Counts: 9326834

Axis 3 Counts: 11521595

Vector Magnitude: 18325274

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/15/2019	929.426	58.089	588100	604203	761495	1136133	7801
8/16/2019	1971.682	82.153	1210395	1160928	1539674	2276709	12876
8/17/2019	2666.734	111.114	1567235	1368484	1698468	2685846	15497
8/18/2019	2825.284	117.720	1663526	1393811	1700092	2756872	16215
8/19/2019	2386.572	99.441	1435123	1208762	1475063	2386733	13900
8/20/2019	1775.139	73.964	1119539	976515	1207109	1914174	13249
8/21/2019	2542.080	105.920	1527572	1276553	1546838	2521066	14764
8/22/2019	2717.024	113.209	1623724	1309083	1552516	2600093	15957
8/23/2019	52.963	2.207	37945	27833	39143	61210	290
8/24/2019	0.738	0.031	822	662	1197	1596	11
8/25/2019	0	0	0	0	0	0	0

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.650  
Total Steps: 110560  
Axis 3 Counts: 11521595

Axis 1 Counts: 10773981  
Axis 2 Counts: 9326834  
Vector Magnitude: 18325274

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
8/15/2019	1.345	588100	604203	761495	1136133	7801
8/16/2019	1.502	1210395	1160928	1539674	2276709	12876
8/17/2019	1.791	1567235	1368484	1698468	2685846	15497
8/18/2019	1.827	1663526	1393811	1700092	2756872	16215
8/19/2019	1.720	1435123	1208762	1475063	2386733	13900
8/20/2019	1.473	1119539	976515	1207109	1914174	13249
8/21/2019	1.731	1527572	1276553	1546838	2521066	14764
8/22/2019	1.838	1623724	1309083	1552516	2600093	15957
8/23/2019	1.045	37945	27833	39143	61210	290
8/24/2019	1	822	662	1197	1596	11
8/25/2019	1	0	0	0	0	0

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 4845 min (44.35%)

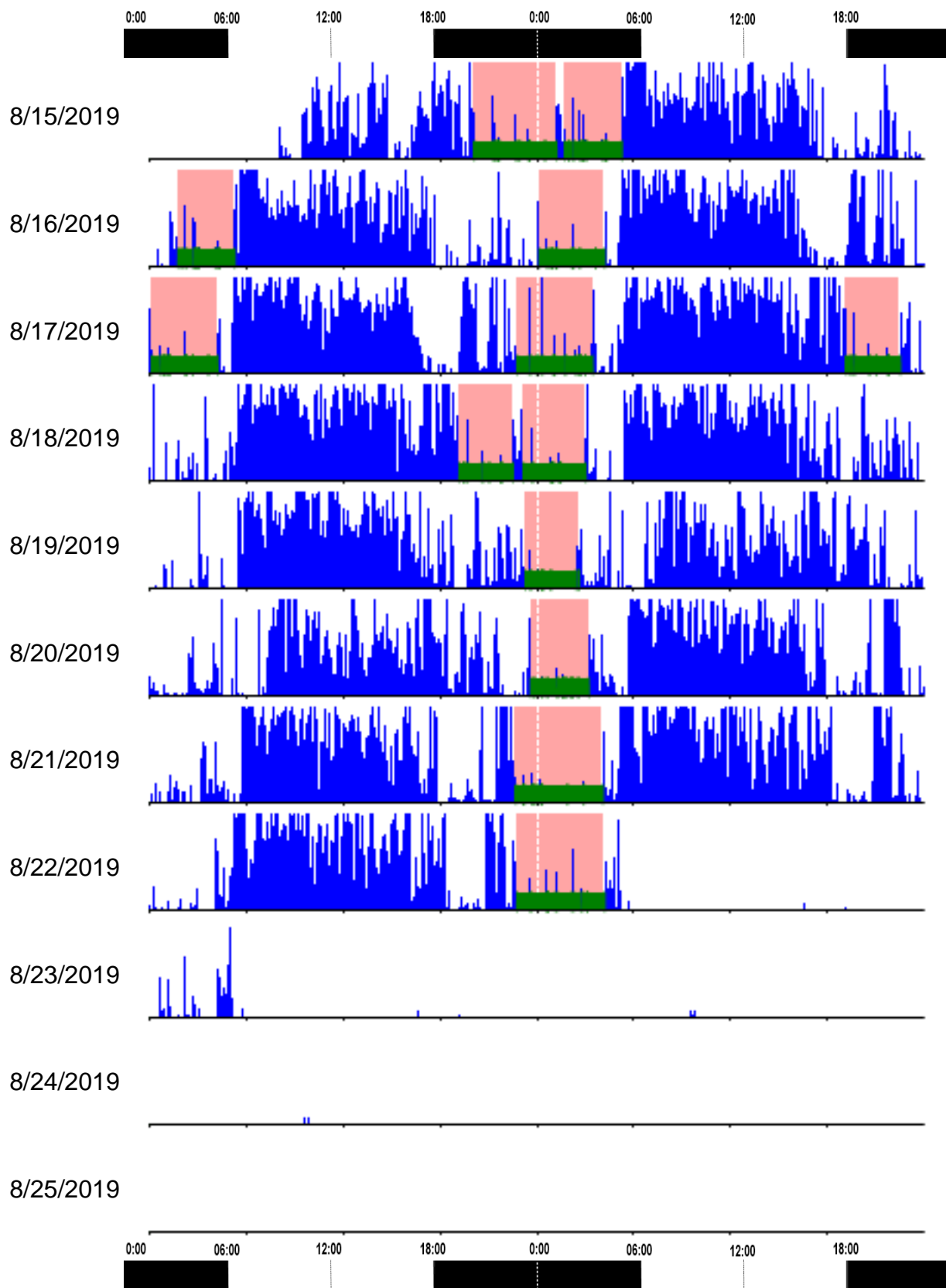
Total Moderate: 1390 min (12.72%)

Total Light: 4690 min (42.93%)

Total Vigorous: 0 min (0.00%)

Date	Sedentary	Light	Moderate	Vigorous	Very Vigorous
8/15/2019	451 min (50.11%)	400 min (44.44%)	49 min (5.44%)	0 min (0.00%)	0 min (0.00%)
8/16/2019	682 min (47.36%)	634 min (44.03%)	124 min (8.61%)	0 min (0.00%)	0 min (0.00%)
8/17/2019	557 min (40.39%)	603 min (43.73%)	219 min (15.88%)	0 min (0.00%)	0 min (0.00%)
8/18/2019	564 min (39.61%)	617 min (43.33%)	243 min (17.06%)	0 min (0.00%)	0 min (0.00%)
8/19/2019	535 min (40.62%)	606 min (46.01%)	176 min (13.36%)	0 min (0.00%)	0 min (0.00%)
8/20/2019	616 min (45.39%)	626 min (46.13%)	115 min (8.47%)	0 min (0.00%)	0 min (0.00%)
8/21/2019	634 min (44.03%)	590 min (40.97%)	216 min (15.00%)	0 min (0.00%)	0 min (0.00%)
8/22/2019	549 min (40.07%)	574 min (41.90%)	247 min (18.03%)	0 min (0.00%)	0 min (0.00%)
8/23/2019	241 min (86.07%)	38 min (13.57%)	1 min (0.36%)	0 min (0.00%)	0 min (0.00%)
8/24/2019	16 min (88.89%)	2 min (11.11%)	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



# 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)
8/15/2019 8:08 PM	8/16/2019 1:13 AM	0	91.8%	305	280	25	9	2.78
8/16/2019 1:45 AM	8/16/2019 5:16 AM	0	85.31%	211	180	31	9	3.44
8/17/2019 12:09 AM	8/17/2019 4:12 AM	0	91.36%	243	222	21	9	2.33
8/17/2019 10:48 PM	8/18/2019 3:27 AM	0	85.66%	279	239	40	10	4
8/18/2019 7:11 PM	8/18/2019 10:31 PM	0	90%	200	180	20	6	3.33
8/18/2019 11:11 PM	8/19/2019 3:01 AM	0	94.35%	230	217	13	6	2.17
8/19/2019 11:18 PM	8/20/2019 2:36 AM	0	88.89%	198	176	22	6	3.67
8/20/2019 11:37 PM	8/21/2019 3:13 AM	0	85.19%	216	184	32	10	3.2
8/21/2019 10:42 PM	8/22/2019 4:05 AM	0	96.59%	323	312	11	9	1.22
8/22/2019 10:46 PM	8/23/2019 4:12 AM	0	88.96%	326	290	36	7	5.14
<b>10:45 PM</b>	<b>5:22 AM</b>	<b>0</b>	<b>89.81%</b>	<b>253.1</b>	<b>228</b>	<b>25.1</b>	<b>8.1</b>	<b>3.1</b>

# Interpretation

A large, empty rectangular box with a black border, intended for the interpretation of the data.