

# ActiGraph Clinical Report

Name: PD183

Data Start: 2/28/2020 9:00:00 AM

Data End: 3/9/2020 12:53:00 PM

Weight: 181 lbs

Device Serial: TAS1H11190097

# Wear Time Information

## Wear Time Validation Algorithm: Troiano

Wear %: 62.1

Total Wear Time: 151hours 26min

Avg Wear Time Per Day: 13hours 46min 0sec

Non-Wear %: 37.9

Total Non-Wear Time: 92hours 28min

Avg Non-Wear Time Per Day: 8hours 24min 0sec

Date	Wear Time (minutes)	Non-Wear Time (minutes)	Wear %	Non-Wear %
2/28/2020	900	0	100	0
2/29/2020	1367	73	94.9	5.1
3/1/2020	1291	149	89.7	10.4
3/2/2020	1440	0	100	0
3/3/2020	1440	0	100	0
3/4/2020	1440	0	100	0
3/5/2020	935	505	64.9	35.1
3/6/2020	204	1236	14.2	85.8
3/7/2020	0	1440	0	100
3/8/2020	0	1440	0	100
3/9/2020	69	705	8.9	91.1

# Energy Expenditure

## Energy Expenditure Algorithm: Freedson Combination (1998)

Total Activity kcals: 10160.767

Total Steps: 83562

Average kcals per day: 1128.974

Average Hourly kcals: 63.505

Axis 1 Counts: 7137991

Axis 2 Counts: 6927691

Axis 3 Counts: 6745392

Vector Magnitude: 12018491

Date	Activity kcals	Average Hourly kcals	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
2/28/2020	1010.296	67.353	732178	688687	616927	1179395	8981
2/29/2020	1790.152	74.590	1245715	1179930	1211434	2100384	12046
3/1/2020	1589.862	66.244	1141734	1118320	1055475	1915261	12830
3/2/2020	1353.193	56.383	930028	842036	884810	1535209	9339
3/3/2020	1770.307	73.763	1231486	1207404	1195260	2098340	14552
3/4/2020	1394.929	58.122	980342	1016742	931926	1692135	11975
3/5/2020	1023.455	42.644	712114	715144	738071	1250314	8972
3/6/2020	226.686	9.445	162135	156711	109374	250617	4853
3/7/2020	0	0	0	0	0	0	0
3/8/2020	0	0	0	0	0	0	0
3/9/2020	1.887	0.145	2259	2717	2115	4118	14

# MET Rate

## MET Rate Algorithm: Freedson Adult (1998)

Total MET Rate: 1.463  
Total Steps: 83562  
Axis 3 Counts: 6745392

Axis 1 Counts: 7137991  
Axis 2 Counts: 6927691  
Vector Magnitude: 12018491

Date	METs	Axis 1 Counts	Axis 2 Counts	Axis 3 Counts	Vector Magnitude	Steps
2/28/2020	1.444	732178	688687	616927	1179395	8981
2/29/2020	1.573	1245715	1179930	1211434	2100384	12046
3/1/2020	1.528	1141734	1118320	1055475	1915261	12830
3/2/2020	1.372	930028	842036	884810	1535209	9339
3/3/2020	1.510	1231486	1207404	1195260	2098340	14552
3/4/2020	1.390	980342	1016742	931926	1692135	11975
3/5/2020	1.446	712114	715144	738071	1250314	8972
3/6/2020	1.432	162135	156711	109374	250617	4853
3/7/2020	1	0	0	0	0	0
3/8/2020	1	0	0	0	0	0
3/9/2020	1	2259	2717	2115	4118	14

# Cut Points

## Cut Point Set: Freedson Adult (1998)

Total Sedentary: 4847 min (53.35%)

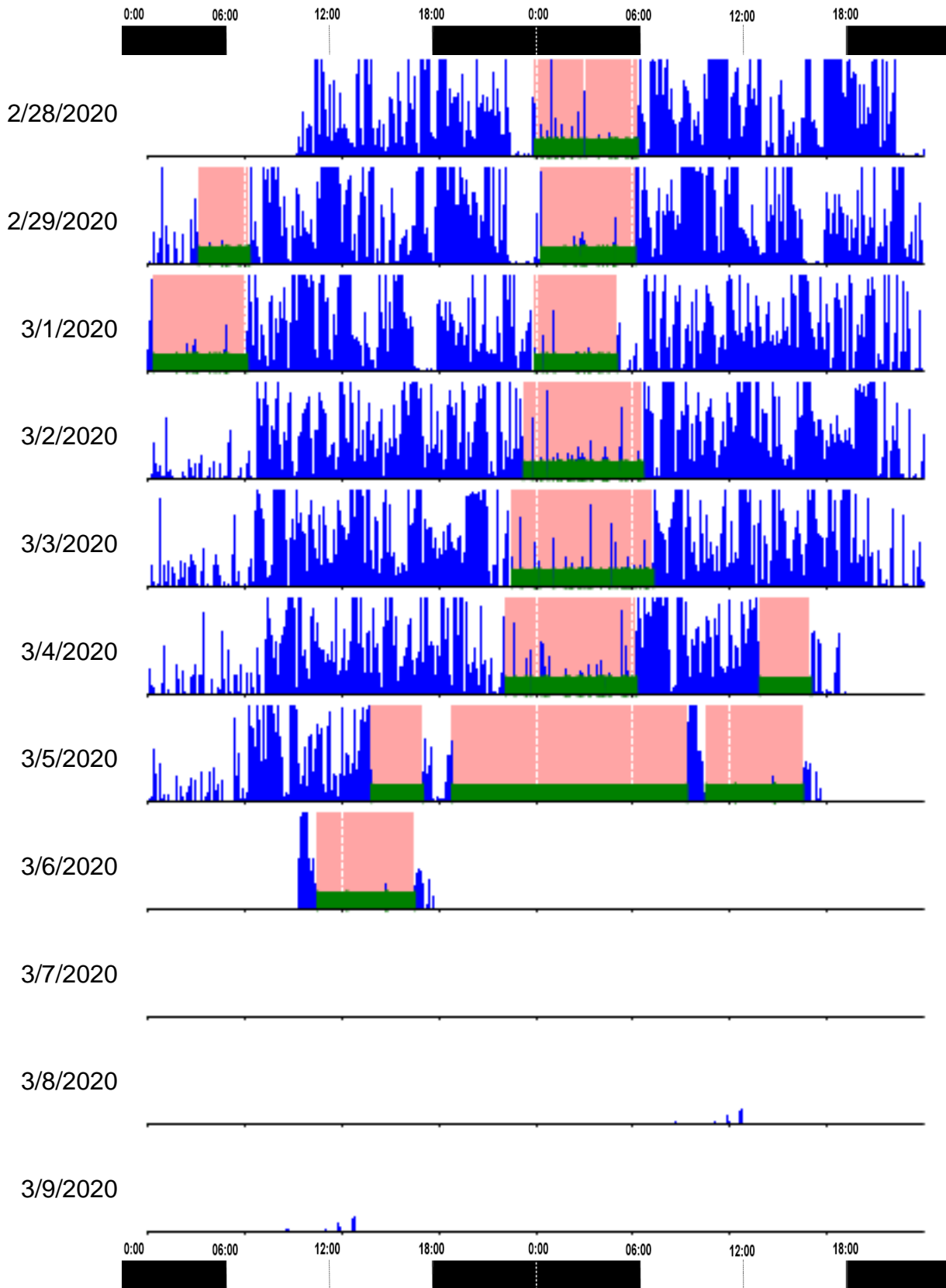
Total Moderate: 936 min (10.30%)

Total Light: 3303 min (36.35%)

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>
2/28/2020	413 min (45.89%)	398 min (44.22%)	89 min (9.89%)	0 min (0.00%)	0 min (0.00%)
2/29/2020	726 min (53.11%)	464 min (33.94%)	177 min (12.95%)	0 min (0.00%)	0 min (0.00%)
3/1/2020	654 min (50.66%)	476 min (36.87%)	161 min (12.47%)	0 min (0.00%)	0 min (0.00%)
3/2/2020	840 min (58.33%)	484 min (33.61%)	116 min (8.06%)	0 min (0.00%)	0 min (0.00%)
3/3/2020	694 min (48.19%)	579 min (40.21%)	167 min (11.60%)	0 min (0.00%)	0 min (0.00%)
3/4/2020	832 min (57.78%)	487 min (33.82%)	121 min (8.40%)	0 min (0.00%)	0 min (0.00%)
3/5/2020	510 min (54.55%)	337 min (36.04%)	88 min (9.41%)	0 min (0.00%)	0 min (0.00%)
3/6/2020	113 min (55.39%)	74 min (36.27%)	17 min (8.33%)	0 min (0.00%)	0 min (0.00%)
3/7/2020	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
3/8/2020	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)	0 min (0.00%)
3/9/2020	65 min (94.20%)	4 min (5.80%)	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)
2/28/2020 11:58 PM	2/29/2020 2:57 AM	0	79.33%	179	142	37	14	2.64
2/29/2020 3:09 AM	2/29/2020 6:18 AM	0	94.71%	189	179	10	10	1
3/1/2020 12:21 AM	3/1/2020 6:09 AM	0	90.8%	348	316	32	14	2.29
3/1/2020 11:56 PM	3/2/2020 5:01 AM	0	89.51%	305	273	32	11	2.91
3/2/2020 11:14 PM	3/3/2020 6:38 AM	0	78.83%	444	350	94	39	2.41
3/3/2020 10:33 PM	3/4/2020 7:16 AM	0	80.69%	523	422	101	30	3.37
3/4/2020 10:09 PM	3/5/2020 6:14 AM	0	81.65%	485	396	89	32	2.78
3/5/2020 1:51 PM	3/5/2020 5:01 PM	0	100%	190	190	0	0	0
3/5/2020 6:50 PM	3/6/2020 9:21 AM	0	100%	871	871	0	0	0
3/6/2020 10:30 AM	3/6/2020 4:31 PM	0	98.89%	361	357	4	3	1.33
<b>11:27 PM</b>	<b>8:20 AM</b>	<b>0</b>	<b>89.44%</b>	<b>389.5</b>	<b>349.6</b>	<b>39.9</b>	<b>15.3</b>	<b>2.61</b>

# Interpretation