

Bob Pickett's	2009 Monitor 2nd	2009 Monitor Bob's	Data Book Segment	Distance	Trail North End Point	Trail South End Point
Section #	Count	sheet)	ID	between	Trail North End Point	Trail South End Point
	1		889	0.1	I-64 Overpass	Rockfish Gap, U.S. 250, I-64 (1,902');Way
	1		888	0.2	Skyline Drive, mile 105.2	I-64 Overpass
	1		887	0.5	Self-registration for SNP camping p	Skyline Drive, mile 105.2
	1		886	2.9	McCormick Gap; Skyline Drive, mile	Self-registration for SNP camping permits
	1		885	1.3	Bear Den Mountain (2,885')	McCormick Gap; Skyline Drive, mile 102.1
	1		884	0.5	Beagle Gap; Skyline Drive, mile 99.5	Bear Den Mountain (2,885')
	1		883	1.5	Calf Mountain Shelter(w 0.2m W; S	Beagle Gap; Skyline Drive, mile 99.5
	2	Wickman	882	0.6	Spring	Calf Mountain Shelter(w 0.2m W; S 0.3m v
	2	Wickman	881	0.4	Jarman Gap; Skyline Drive, mile 96.9	Spring
	2	Wickman	880	0.2	Spring	Jarman Gap; Skyline Drive, mile 96.9;SNP
	2	Wickman	879	1.6	Skyline Drive, mile 95.3	Spring
	2	Wickman	878	1.6	Turk Gap; Skyline Drive, mile 94.1	Skyline Drive, mile 95.3
	3	Wickman	877	2	Skyline Drive, mile 92.4 (3,100')	Turk Gap; Skyline Drive, mile 94.1
	4	Walker	876	4.1	Skyline Drive, mile 88.9	Skyline Drive, mile 92.4 (3,100')
	5	Smith	875	1.8	Blackrock Gap; Skyline Drive, mile 87	Skyline Drive, mile 88.9
	5	Smith	874	0.2	Skyline Drive, mile 87.2	Blackrock Gap; Skyline Drive, mile 87.4 (2,
	6	Smith	873	0.5	Blackrock Hut(S,w 0.2m E)	Skyline Drive, mile 87.2
	6	Smith	872	0.6	Blackrock (3,100')	Blackrock Hut(S,w 0.2m E)
	6	Smith	871	1	Skyline Drive, mile 84.3	Blackrock (3,100')
	7	Smith	870	1.5	Browns Gap; Skyline Drive, mile 82.9	Skyline Drive, mile 84.3
	7	Smith	869	0.9	Skyline Drive, mile 82.2	Browns Gap; Skyline Drive, mile 82.9 (2,6
	7	Smith	868	0.4	Doyles River Parking Overlook;Skylir	Skyline Drive, mile 82.2
	8	Dykhoff	867	0.9	Doyles River Cabin (locked);Skyline	Doyles River Parking Overlook;Skyline Dri
	8	Dykhoff	866	2.1	Loft Mountain Campground (3,300')(Doyles River Cabin (locked);Skyline Drive,
	9	Gatewood	865	2.1	Spring (w 0.1m W)	Loft Mountain Campground (3,300')(C,G,I
	9	Gatewood	864	2.1	Ivy Creek Overlook;Skyline Drive, mile	Spring (w 0.1m W)
	9	Gatewood	863	1.6	Pinefield Hut	Ivy Creek Overlook;Skyline Drive, mile 77.5
	9	Gatewood	862	0.2	Pinefield Gap; Skyline Drive, mile 75.	Pinefield Hut
	10		861	1.9	Simmons Gap; Skyline Drive, mile 73	Pinefield Gap; Skyline Drive, mile 75.2
	10		860	3.3	Powell Gap; Skyline Drive, mile 69.9	Simmons Gap; Skyline Drive, mile 73.2
	10		859	0.4	Little Roundtop Mountain	Powell Gap; Skyline Drive, mile 69.9 (2,29
	10		858	1.2	Smith Roach Gap;Skyline Drive, mile	Little Roundtop Mountain
	10		857	1.2	Hightop Hut(S 0.1m W; w 0.2m W)	Smith Roach Gap;Skyline Drive, mile 68.6
	11	Scholten	856	0.5	Spring	Hightop Hut(S 0.1m W; w 0.2m W)
	11	Scholten	855	0.1	Hightop Mountain (3,587')	Spring
	11	Scholten	854	1.5	Skyline Drive, mile 66.7	Hightop Mountain (3,587')
	11	Scholten	853	1.3	Swift Run Gap, U.S. 33;Skyline Drive	Skyline Drive, mile 66.7
	11	Scholten	852	3	South River Picnic Grounds(w 0.1m	Swift Run Gap, U.S. 33;Skyline Drive, mile
	12		851	3.3	Pocosin Cabin (locked)	South River Picnic Grounds(w 0.1m W)
	12		850	0.3	Spring	Pocosin Cabin (locked)
	12		849	1.7	Lewis Mountain Campground;Skyline	Spring
	13	Wickman	848	0.7	Bearfence Mountain Hut(S,w 0.1m E	Lewis Mountain Campground;Skyline Driv
	13	Wickman	847	2.6	Bootens Gap; Skyline Drive, mile 55.	Bearfence Mountain Hut(S,w 0.1m E)
	13	Wickman	846	0.9	Hazeltop (3,812')	Bootens Gap; Skyline Drive, mile 55.1 (3,2
	13	Wickman	845	1.9	Milam Gap; Skyline Drive, mile 52.8	Hazeltop (3,812')
	14	Wickman	844	0.9	Spring	Milam Gap; Skyline Drive, mile 52.8
	14	Wickman	843	0.8	Big Meadows Wayside,Harry F. Byrc	Spring
	14	Wickman	842	0.9	Big Meadows (3,500')(C,L,M 0.1m E	Big Meadows Wayside,Harry F. Byrd, Sr.,
	14	Wickman	841	0.6	David Spring	Big Meadows (3,500')(C,L,M 0.1m E)
	14	Wickman	840	1	Fishers Gap; Skyline Drive, mile 49.3	David Spring
	14	Wickman	839	1.9	Rock Spring Cabin (locked) & Hut(S	Fishers Gap; Skyline Drive, mile 49.3
	15	Hornboste	838	0.3	Side trail to Hawksbill Mountain,Byrc	Rock Spring Cabin (locked) & Hut(S,w 0.2

15	Hornboste	837	1 Hawksbill Gap; Skyline Drive, mile 45	Side trail to Hawksbill Mountain, Byrd's Ne
15	Hornboste	836	0.4 Side trail to Crescent Rock Overlook	Hawksbill Gap; Skyline Drive, mile 45.6 (3,3
15	Hornboste	835	2.1 Skyland Service Road (south)	Side trail to Crescent Rock Overlook; Skylin
15	Hornboste	834	0.8 Skyland Service Road (north)(L,M 0.	Skyland Service Road (south)
15	Hornboste	833	0.4 Side trail to Stony Man summit	Skyland Service Road (north)(L,M 0.3m W
15	Hornboste	832	1.6 Hughes River Gap; side trail to Stony	Side trail to Stony Man summit
16	Johnson	831	2.2 Pinnacles Picnic Ground; Skyline Dri	Hughes River Gap; side trail to Stony Man
16	Johnson	830	0.1 Side trail to Jewell Hollow Overlook;†	Pinnacles Picnic Ground; Skyline Drive, mi
16	Johnson	829	1 The Pinnacle (3,730')	Side trail to Jewell Hollow Overlook; Skyline
16	Johnson	828	1 Byrds Nest #3 Picnic Shelter	The Pinnacle (3,730')
17	Johnson	827	0.7 Meadow Spring (w 0.3m E)	Byrds Nest #3 Picnic Shelter
17	Johnson	826	0.6 Marys Rock (3,514')	Meadow Spring (w 0.3m E)
17	Johnson	825	1.9 Thornton Gap, U.S. 211; Skyline Driv	Marys Rock (3,514')
17	Johnson	824	1.2 Pass Mountain Hut (S, w 0.2m E)	Thornton Gap, U.S. 211; Skyline Drive, mile
17	Johnson	823	0.8 Pass Mountain (3,052')	Pass Mountain Hut (S, w 0.2m E)
17	Johnson	822	1.1 Skyline Drive, mile 28.6	Pass Mountain (3,052')
17	Johnson	821	0.3 Beahms Gap; Skyline Drive, mile 28.1	Skyline Drive, mile 28.6
18	Walker	820	0.1 Byrds Nest #4 Picnic Shelter (0.5m E	Beahms Gap; Skyline Drive, mile 28.5
18	Walker	819	4.6 Spring	Byrds Nest #4 Picnic Shelter (0.5m E)
18	Walker	818	0.5 Elkwallow Gap; Skyline Drive, mile 21	Spring
19	Felton	817	0.8 Range View Cabin (locked) (w 0.1m	Elkwallow Gap; Skyline Drive, mile 23.9 (2,
19	Felton	816	0.7 Rattlesnake Point Overlook; Skyline D	Range View Cabin (locked) (w 0.1m E)
19	Felton	815	0.6 Tuscarora Trail	Rattlesnake Point Overlook; Skyline Drive, r
19	Felton	814	0.4 Skyline Drive, mile 21.1	Tuscarora Trail
19	Felton	813	0.2 Third peak of Hogback	Skyline Drive, mile 21.1
19	Felton	812	0.1 Skyline Drive, mile 20.8	Third peak of Hogback
19	Felton	811	0.2 Second peak of Hogback (3,475')	Skyline Drive, mile 20.8
19	Felton	810	0.2 Spring (w 0.2m E)	Second peak of Hogback (3,475')
19	Felton	809	0.1 First peak of Hogback	Spring (w 0.2m E)
19	Felton	808	0.7 Little Hogback Overlook; Skyline Driv	First peak of Hogback
20	Thompson	807	0.1 Little Hogback Mountain	Little Hogback Overlook; Skyline Drive, mile
20	Thompson	806	0.5 Skyline Drive, mile 18.9	Little Hogback Mountain
20	Thompson	805	1.1 Gravel Springs Hut (S, w 0.2m E)	Skyline Drive, mile 18.9
20	Thompson	804	0.2 Gravel Springs Gap; Skyline Drive, nr	Gravel Springs Hut (S, w 0.2m E)
20	Thompson	803	1.1 South Marshall Mountain (3,212')	Gravel Springs Gap; Skyline Drive, mile 17
20	Thompson	802	0.5 Skyline Drive, mile 15.9	South Marshall Mountain (3,212')
20	Thompson	801	0.7 North Marshall Mountain (3,368')	Skyline Drive, mile 15.9
20	Thompson	800	0.9 Hogwallow Spring	North Marshall Mountain (3,368')
20	Thompson	799	0.6 Hogwallow Gap; Skyline Drive, mile 1	Hogwallow Spring
21	Wickman	798	1.7 Jenkins Gap; Skyline Drive, mile 12.3	Hogwallow Gap; Skyline Drive, mile 14.2 (2
21	Wickman	797	0.9 Compton Springs	Jenkins Gap; Skyline Drive, mile 12.3
21	Wickman	796	0.4 Compton Peak (2,909')	Compton Springs
21	Wickman	795	0.8 Compton Gap; Skyline Drive, mile 10	Compton Peak (2,909')
22	Beatty	794	0.3 Indian Run Spring (w 0.3m E)	Compton Gap; Skyline Drive, mile 10.4
22	Beatty	793	1.5 Compton Gap Fire Road; self-regist	Indian Run Spring (w 0.3m E)
22	Beatty	792	0.2 Possums Rest Overlook, SNP north	Compton Gap Fire Road; self-registration
22	Beatty	791	0.7 Tom Floyd Wayside	Possums Rest Overlook, SNP northern bo
22	Beatty	790	1.5 Va. 602	Tom Floyd Wayside
22	Beatty	789	1.4 U.S. 522 (950'); Front Royal, Va., P.	Va. 602
23		788	3.3 Tom Sealock Spring (1,800')	U.S. 522 (950'); Front Royal, Va., P.O. 226
23		787	1.9 Jim & Molly Denton Shelter	Tom Sealock Spring (1,800')
24	Alex Newha	786	1.1 Va. 638	Jim & Molly Denton Shelter
24	Alex Newha	785	1.9 Va. 55 (800'); Linden, Va., P.O. 2264	Va. 638
24	Alex Newha	784	2.5 Manassas Gap Shelter	Va. 55 (800'); Linden, Va., P.O. 22642 (P.C
24		783	1.8 Trico Trail (1,900')	Manassas Gap Shelter
24		782	2.6 Dick's Dome Shelter (S, w 0.2m E)	Trico Trail (1,900')
25	Lynn Gallagr	781	1 Spring	Dick's Dome Shelter (S, w 0.2m E)
25	Lynn Gallagr	780	1.2 Sky Meadows State Park Side Trail (C	Spring

25	<u>Lynn Gallagher</u>	779	2.6 Ashby Gap, U.S. 50 (900')(G,M 0.8m W; L
25	<u>Lynn Gallagher</u>	778	3.6 Rod Hollow Shelter Ashby Gap, U.S. 50 (900')(G,M 0.8m W; L
26	<u>Lynn Gallagher</u>	777	3.7 Va. 605 Rod Hollow Shelter
26	<u>Lynn Gallagher</u>	776	1.2 Spring Va. 605
26	<u>Lynn Gallagher</u>	775	2 Sawmill Spring, Sam Moore Shelter Spring
27		774	3 Bears Den Rocks, Bears Den Hostel Sawmill Spring, Sam Moore Shelter
27		773	0.6 Snickers Gap, Va. 7, Va. 679 (1,000') Bears Den Rocks, Bears Den Hostel(L,w
28	Potteiger	772	2.2 Spring Snickers Gap, Va. 7, Va. 679 (1,000');Blue
28	Potteiger	771	0.3 West Virginia-Virginia Line Spring
28	Potteiger	770	0.1 Crescent Rock West Virginia-Virginia Line
28	Potteiger	769	0.6 Sand Spring Crescent Rock
28	Potteiger	768	0.1 Devils Racecourse Sand Spring
28	Potteiger	767	2.8 Wilson Gap Devils Racecourse
28	Potteiger	766	1.2 Trail to Blackburn Trail Center (1,65 Wilson Gap
29	Kube?	765	3.2 David Lesser Memorial Shelter(S 0: Trail to Blackburn Trail Center (1,650')(C
29	Kube	764	3 Keys Gap, W.Va. 9(G,M,w 0.3m W, C David Lesser Memorial Shelter(S 0.1m E;
30	Potteiger	763	3.9 Loudoun Heights, West Virginia-Vir Keys Gap, W.Va. 9(G,M,w 0.3m W, 0.3m E
30	Potteiger	762	0.6 Chestnut Hill Road (W.Va. 32) Loudoun Heights, West Virginia-Virginia
30	Potteiger	761	1 U.S. 340, Shenandoah River Bridge Chestnut Hill Road (W.Va. 32)
31	Jordahl	760	0.3 Appalachian Trail Conservancy Side U.S. 340, Shenandoah River Bridge (north
31	Jordahl	759	0.6 Shenandoah Street; Harpers FerryN Appalachian Trail Conservancy Side Trail;
31	Jordahl	758	0.1 Potomac River, Byron Memorial Foo Shenandoah Street; Harpers FerryNationa
31	Jordahl	757	0.2 C&O Canal Towpath (west junction) Potomac River, Byron Memorial Footbridg
31	Jordahl	756	1.1 U.S. 340, Sandy Hook Bridge C&O Canal Towpath (west junction)
31	Jordahl	755	1.5 C&O Canal Towpath (east junction) U.S. 340, Sandy Hook Bridge
31	Jordahl	754	0.1 Keep Tryst Road(L,M 1.2m W) C&O Canal Towpath (east junction)
32	Jordahl Alison &	753	0.2 U.S. 340 Underpass Keep Tryst Road(L,M 1.2m W)
32	Jordahl Alison &	752	0.2 Weverton Road(G 1.4m W) U.S. 340 Underpass
32	Jordahl Alison &	751	0.9 Trail to Weverton Cliffs Weverton Road(G 1.4m W)
32	Jordahl Alison &	750	2.1 Ed Garvey Shelter(S on A.T.; w 0.4m Trail to Weverton Cliffs
32	Jordahl Alison &	749	2 Brownsville Gap Ed Garvey Shelter(S on A.T.; w 0.4m E)
32	Jordahl Alison &	748	1.7 Crampton Gap, Gathland State Park, Brownsville Gap
33	Caron	747	0.4 Crampton Gap Shelter(C,S,w 0.3m E Crampton Gap, Gathland State Park,Gaple
33	Caron	746	2.6 Trail to Bear Spring Cabin (locked) Crampton Gap Shelter(C,S,w 0.3m E)
33	Caron	745	0.6 White Rock Cliff Trail to Bear Spring Cabin (locked)(w 0.5r
33	Caron	744	0.2 Lambs Knoll (1,600') White Rock Cliff
33	Caron	743	1.6 Rocky Run Shelter(C,S,w 0.2m W) Lambs Knoll (1,600')
33	Caron	742	1 Reno Monument Road Rocky Run Shelter(C,S,w 0.2m W)
33	Caron	741	0.8 Dahlgren Back Pack Campground Reno Monument Road
34	Jordahl	740	0.2 Turners Gap, U.S. Alt. 40 (1,000');B Dahlgren Back Pack Campground
34	Jordahl	739	1.4 Monument Road Turners Gap, U.S. Alt. 40 (1,000');Boonsb
34	Jordahl	738	0.2 Washington Monument Road Monument Road
34	Jordahl	737	0.4 Washington Monument Washington Monument Road
34	Jordahl	736	2.1 Boonsboro Mountain Road Washington Monument
34	Jordahl	735	0.8 I-70 Footbridge, U.S. 40(C 1.4m W; Boonsboro Mountain Road
34	Jordahl	734	0.6 Pine Knob Shelter I-70 Footbridge, U.S. 40(C 1.4m W; M,w C
34	Jordahl	733	1.6 Trail to Annapolis Rock(w 0.2m W) Pine Knob Shelter
35	Jordahl	732	1 Black Rock Cliffs (1,800') Trail to Annapolis Rock(w 0.2m W)
35	Jordahl	731	0.7 Pogo Memorial Campsite Black Rock Cliffs (1,800')
35	Jordahl	730	4.7 Wolfsville Road (Md. 17) (1,400');Sn Pogo Memorial Campsite
35	Jordahl	729	0.2 Ensign Cowall Shelter Wolfsville Road (Md. 17) (1,400');Smithsb
36	Alison &	728	1.3 Foxville Road (Md. 77) Ensign Cowall Shelter
36	Alison &	727	1.8 Warner Gap Road Foxville Road (Md. 77)
36	Alison &	726	0.8 Raven Rock Hollow, Md. 491 Warner Gap Road
36	Alison &	725	1 Devils Racecourse Shelter Trail(C,S,w 0: Raven Rock Hollow, Md. 491
37	Stakowiak	724	1.8 Trail to High Rock Devils Racecourse Shelter Trail(C,S,w 0:
37	Stakowiak	723	2.9 Pen Mar Park Cascade, Md., P.O. 2 Trail to High Rock
37	Stakowiak	722	0.2 Pennsylvania-Maryland Line (1,250') Pen Mar Park Cascade, Md., P.O. 21719(I

38	Seiler	721	0.1 Pen Mar Road	Pennsylvania–Maryland Line (1,250')
38	Seiler	720	1 Buena Vista Road	Pen Mar Road
38	Seiler	719	1.2 Old Pa. 16	Buena Vista Road
38	Seiler	718	0.3 Pa. 16; Blue Ridge Summit, Pa., P.O	Old Pa. 16
38	Seiler	717	0.2 Mackie Run, Mentzer Gap Road	Pa. 16; Blue Ridge Summit, Pa., P.O. 172'
38	Seiler	716	0.6 Bailey Spring	Mackie Run, Mentzer Gap Road
38	Seiler	715	1.3 Deer Lick Shelters (1,420')	Bailey Spring
38	Seiler	714	2.4 Antietam Shelter, Old Forge Park	Deer Lick Shelters (1,420')
39		713	0.4 Rattlesnake Run Road	Antietam Shelter, Old Forge Park
39		712	0.6 Old Forge Road (1,000')	Rattlesnake Run Road
39		711	0.2 Tumbling Run Shelters, Hermitage C	Old Forge Road (1,000')
39		710	1.3 Chimney Rocks (1,900')	Tumbling Run Shelters, Hermitage Cabin
39		709	3.3 Swamp Road	Chimney Rocks (1,900')
39		708	0.3 Pa. 233 (1,600'); South Mountain, Pa.	Swamp Road
40	Gosnell	707	1.7 Rocky Mountain Shelters (S 0.2m E; w 0.5r	Pa. 233 (1,600'); South Mountain, Pa., P.O.
40	Gosnell	706	3 U.S. 30, Caledonia State Park, Thaddeus S	Rocky Mountain Shelters (S 0.2m E; w 0.5r
41		705	1.9 Quarry Gap Road	U.S. 30, Caledonia State Park, Thaddeus S
41		704	0.7 Quarry Gap Shelters	Quarry Gap Road
41		703	1.5 Sandy Sod Junction (1,980')	Quarry Gap Shelters
41		702	2.6 Middle Ridge Road	Sandy Sod Junction (1,980')
41		701	0.5 Ridge Road, Means Hollow Road	Middle Ridge Road
42		700	0.4 Milesburn Road, Milesburn Cabin (locked)	Ridge Road, Means Hollow Road
42		699	2.4 Birch Run Shelter	Milesburn Road, Milesburn Cabin (locked)
42		698	1.3 Shippensburg Road, Big Flat Fire Tower	Birch Run Shelter
42		697	1.9 Michener Cabin (locked) (w 0.3m E)	Shippensburg Road, Big Flat Fire Tower
43		696	1.9 Woodrow Road	Michener Cabin (locked) (w 0.3m E)
43		695	1.1 Toms Run Shelters	Woodrow Road
43		694	3.4 Pa. 233 (900')	Toms Run Shelters
43		693	0.3 Pine Grove Furnace State Park	Pa. 233 (900')

Local Start North to South	Local Start Mile Point South to North
107	0.1
106.8	0.3
106.3	0.8
103.4	3.7
102.1	5
101.6	5.5
100.1	7
99.5	7.6
99.1	8
98.9	8.2
97.3	9.8
95.7	11.4
93.7	13.4
89.6	17.5
87.8	19.3
87.6	19.5
87.1	20
86.5	20.6
85.5	21.6
84	23.1
83.1	24
82.7	24.4
81.8	25.3
79.7	27.4
77.6	29.5
75.5	31.6
73.9	33.2
73.7	33.4
71.8	35.3
68.5	38.6
68.1	39
66.9	40.2
65.7	41.4
65.2	41.9
65.1	42
63.6	43.5
62.3	44.8
59.3	47.8
56	51.1
55.7	51.4
54	53.1
53.3	53.8
50.7	56.4
49.8	57.3
47.9	59.2
47	60.1
46.2	60.9
45.3	61.8
44.7	62.4
43.7	63.4
41.8	65.3
41.5	65.6

40.5	66.6
40.1	67
38	69.1
37.2	69.9
36.8	70.3
35.2	71.9
33	74.1
32.9	74.2
31.9	75.2
30.9	76.2
30.2	76.9
29.6	77.5
27.7	79.4
26.5	80.6
25.7	81.4
24.6	82.5
24.3	82.8
24.2	82.9
19.6	87.5
19.1	88
18.3	88.8
17.6	89.5
17	90.1
16.6	90.5
16.4	90.7
16.3	90.8
16.1	91
15.9	91.2
15.8	91.3
15.1	92
15	92.1
14.5	92.6
13.4	93.7
13.2	93.9
12.1	95
11.6	95.5
10.9	96.2
10	97.1
9.4	97.7
7.7	99.4
6.8	100.3
6.4	100.7
5.6	101.5
5.3	101.8
3.8	103.3
3.6	103.5
2.9	104.2
1.4	105.7
94.9	107.1
91.6	3.3
89.7	5.2
88.6	6.3
86.7	8.2
84.2	10.7
82.4	12.5
79.8	15.1
78.8	16.1
77.6	17.3

75	19.9
71.4	23.5
67.7	27.2
66.5	28.4
64.5	30.4
61.5	33.4
60.9	34
58.7	36.2
58.4	36.5
58.3	36.6
57.7	37.2
57.6	37.3
54.8	40.1
53.6	41.3
50.4	44.5
47.4	47.5
43.5	51.4
42.9	52
41.9	53
41.6	53.3
41	53.9
40.9	54
40.7	54.2
39.6	55.3
38.1	56.8
38	56.9
37.8	57.1
37.6	57.3
36.7	58.2
34.6	60.3
32.6	62.3
30.9	64
30.5	64.4
27.9	67
27.3	67.6
27.1	67.8
25.5	69.4
24.5	70.4
23.7	71.2
23.5	71.4
22.1	72.8
21.9	73
21.5	73.4
19.4	75.5
18.6	76.3
18	76.9
16.4	78.5
15.4	79.5
14.7	80.2
10	84.9
9.8	85.1
8.5	86.4
6.7	88.2
5.9	89
4.9	90
3.1	91.8
0.2	94.7
229.3	94.9

229.2	0.1
228.2	1.1
227	2.3
226.7	2.6
226.5	2.8
225.9	3.4
224.6	4.7
222.2	7.1
221.8	7.5
221.2	8.1
221	8.3
219.7	9.6
216.4	12.9
216.1	13.2
214.4	14.9
211.4	17.9
209.5	19.8
208.8	20.5
207.3	22
204.7	24.6
204.2	25.1
203.8	25.5
201.4	27.9
200.1	29.2
198.2	31.1
196.3	33
195.2	34.1
191.8	37.5
191.5	37.8