

Low 14 GHz				
AZ (deg)	Phi=0 Co-pol	Phi=0 Cross-pol	Phi=90 Co-pol	Phi=90 Cross-pol
-180	-33.3	-19.3	-25.2	-18.6
-179.9	-27.5	-19.0	-21.6	-20.8
-179.8	-25.5	-17.0	-20.1	-22.0
-179.7	-26.6	-18.0	-19.2	-20.3
-179.6	-29.2	-16.8	-20.4	-22.0
-179.5	-24.2	-17.1	-19.3	-20.9
-179.4	-27.1	-16.8	-20.6	-21.9
-179.3	-26.7	-16.7	-19.5	-23.8
-179.2	-25.4	-16.7	-18.2	-27.5
-179.1	-23.7	-15.7	-18.1	-23.8
-179	-23.1	-15.9	-20.1	-27.1
-178.9	-19.8	-16.6	-18.9	-25.6
-178.8	-19.4	-14.7	-18.0	-24.2
-178.7	-20.0	-15.2	-17.8	-22.0
-178.6	-20.7	-15.1	-17.1	-20.8
-178.5	-20.1	-15.9	-17.9	-25.0
-178.4	-19.8	-16.0	-17.7	-21.3
-178.3	-18.3	-16.4	-17.1	-20.7
-178.2	-19.6	-16.8	-17.7	-21.1
-178.1	-21.0	-17.0	-17.8	-20.3
-178	-20.0	-18.0	-17.2	-20.6
-177.9	-19.9	-18.2	-18.0	-19.1
-177.8	-18.9	-18.6	-19.0	-20.1
-177.7	-22.3	-21.0	-17.6	-17.8
-177.6	-19.8	-20.7	-19.5	-18.8
-177.5	-20.5	-21.9	-19.0	-20.4
-177.4	-22.4	-20.8	-20.4	-21.2
-177.3	-25.5	-22.4	-20.5	-19.5
-177.2	-21.1	-21.5	-19.9	-20.3
-177.1	-24.6	-22.6	-22.0	-20.0
-177	-24.6	-20.3	-21.3	-20.7
-176.9	-20.9	-21.7	-21.9	-23.2
-176.8	-24.7	-20.7	-21.4	-23.6
-176.7	-22.5	-21.5	-26.2	-26.8
-176.6	-24.5	-19.1	-28.3	-34.2
-176.5	-25.4	-20.8	-25.9	-33.0
-176.4	-24.5	-18.6	-29.8	-35.1
-176.3	-22.6	-20.4	-28.9	-34.2
-176.2	-25.4	-21.0	-32.6	-34.6
-176.1	-24.7	-18.5	-38.8	-26.9
-176	-23.7	-18.7	-31.0	-26.5
-175.9	-24.2	-20.2	-30.3	-24.4
-175.8	-24.3	-20.4	-42.8	-23.0
-175.7	-26.2	-21.2	-28.5	-20.9
-175.6	-26.4	-19.9	-27.0	-19.4
-175.5	-25.7	-19.4	-27.6	-20.2
-175.4	-25.8	-19.9	-25.2	-18.5
-175.3	-26.2	-22.5	-23.8	-16.5
-175.2	-29.5	-19.7	-22.6	-16.8
-175.1	-27.9	-21.4	-21.4	-16.3
-175	-24.5	-23.2	-25.2	-16.5
-174.9	-29.8	-21.7	-23.2	-15.5
-174.8	-27.9	-20.9	-26.2	-16.4
-174.7	-27.2	-23.3	-24.3	-15.4
-174.6	-27.7	-20.4	-24.6	-15.9
-174.5	-26.7	-22.6	-24.4	-16.3
-174.4	-26.2	-21.9	-25.0	-15.8
-174.3	-28.4	-21.6	-24.9	-15.6
-174.2	-26.1	-23.7	-24.7	-16.0
-174.1	-25.4	-21.5	-27.4	-15.7
-174	-24.4	-21.9	-26.7	-15.2
-173.9	-25.0	-22.1	-26.8	-17.1
-173.8	-21.8	-21.7	-29.0	-16.7
-173.7	-22.3	-22.2	-29.2	-17.8
-173.6	-22.0	-21.3	-31.7	-17.2
-173.5	-22.2	-22.4	-29.5	-17.5
-173.4	-20.1	-23.3	-33.9	-16.4
-173.3	-19.6	-18.8	-33.5	-16.7
-173.2	-21.5	-19.9	-26.9	-16.9
-173.1	-21.5	-20.0	-29.1	-17.4
-173	-21.2	-18.1	-27.3	-17.0
-172.9	-19.3	-19.2	-24.2	-17.4
-172.8	-20.0	-18.1	-22.1	-17.7
-172.7	-18.6	-19.2	-22.6	-16.9
-172.6	-18.5	-18.4	-21.3	-18.9
-172.5	-18.0	-17.0	-20.6	-17.5
-172.4	-19.8	-18.7	-20.5	-18.2
-172.3	-18.8	-18.0	-19.5	-17.9
-172.2	-17.5	-17.9	-18.3	-19.4
-172.1	-17.8	-18.6	-18.8	-19.8
-172	-17.3	-17.9	-17.3	-20.1
-171.9	-17.8	-16.8	-17.6	-19.9
-171.8	-19.2	-18.4	-17.5	-22.1
-171.7	-19.8	-18.9	-16.5	-22.0
-171.6	-19.0	-17.8	-16.4	-21.5
-171.5	-19.6	-20.2	-16.6	-24.4
-171.4	-19.3	-20.4	-16.3	-21.3
-171.3	-20.3	-21.9	-15.7	-23.7
-171.2	-21.2	-24.1	-15.9	-22.5
-171.1	-24.5	-26.9	-15.9	-24.4
-171	-23.2	-25.3	-14.8	-23.3
-170.9	-29.2	-33.7	-15.1	-25.1
-170.8	-30.4	-35.8	-15.7	-23.0
-170.7	-34.6	-34.5	-15.2	-25.4
-170.6	-36.4	-37.2	-15.7	-23.8
-170.5	-38.4	-29.9	-15.5	-22.9
-170.4	-29.1	-25.9	-15.1	-23.2
-170.3	-29.8	-24.7	-15.9	-26.2
-170.2	-25.6	-21.2	-15.0	-26.1
-170.1	-25.3	-19.9	-15.8	-25.3
-170	-21.5	-19.7	-17.0	-28.2
-169.9	-20.9	-18.2	-16.6	-26.7
-169.8	-21.0	-17.0	-17.7	-31.9
-169.7	-19.3	-15.7	-17.6	-33.3
-169.6	-19.0	-15.4	-19.4	-36.5
-169.5	-20.2	-15.2	-19.4	-34.6
-169.4	-20.3	-14.3	-21.3	-29.7
-169.3	-18.7	-13.3	-21.6	-37.8
-169.2	-19.1	-13.7	-23.6	-37.0
-169.1	-18.8	-12.8	-23.9	-33.2
-169	-19.6	-12.4	-28.4	-38.6
-168.9	-17.7	-12.1	-28.5	-27.6
-168.8	-19.1	-12.0	-26.4	-26.1
-168.7	-17.8	-11.2	-28.6	-26.5
-168.6	-18.6	-11.3	-26.0	-27.5
-168.5	-19.5	-11.0	-26.3	-25.8
-168.4	-18.5	-10.8	-22.0	-22.0
-168.3	-20.1	-10.6	-21.0	-21.8
-168.2	-19.3	-10.0	-19.9	-20.7
-168.1	-18.7	-10.5	-20.0	-21.0
-168	-18.9	-10.4	-19.0	-19.9

Mid 14.25 GHz				
AZ (deg)	Phi=0 Co-pol	Phi=0 Cross-pol	Phi=90 Co-pol	Phi=90 Cross-pol
-180	-19.5	-14.9	-33.2	-20.4
-179.9	-18.7	-14.9	-33.4	-19.9
-179.8	-20.0	-15.5	-41.6	-21.8
-179.7	-20.3	-15.5	-33.1	-23.2
-179.6	-20.0	-15.4	-26.2	-23.7
-179.5	-21.4	-15.7	-23.7	-27.5
-179.4	-18.9	-15.1	-23.8	-27.8
-179.3	-20.7	-15.6	-23.9	-31.2
-179.2	-21.1	-15.6	-22.3	-27.6
-179.1	-21.2	-17.3	-21.9	-32.3
-179	-23.0	-16.0	-21.4	-37.0
-178.9	-24.4	-15.9	-19.1	-42.8
-178.8	-23.9	-16.7	-18.6	-34.6
-178.7	-27.7	-17.6	-18.3	-29.8
-178.6	-28.3	-18.2	-16.7	-30.7
-178.5	-27.1	-17.5	-17.1	-23.3
-178.4	-29.6	-19.4	-16.4	-22.4
-178.3	-30.7	-18.5	-15.9	-22.4
-178.2	-28.3	-19.5	-15.4	-23.5
-178.1	-31.1	-20.2	-15.1	-21.7
-178	-37.3	-20.1	-15.2	-21.7
-177.9	-34.5	-20.1	-14.1	-20.7
-177.8	-40.5	-22.0	-15.6	-20.1
-177.7	-41.9	-21.8	-15.0	-21.9
-177.6	-29.8	-20.6	-15.5	-22.4
-177.5	-29.7	-20.6	-15.2	-20.6
-177.4	-29.4	-21.3	-16.8	-22.4
-177.3	-31.2	-20.5	-16.1	-22.2
-177.2	-27.8	-21.7	-16.1	-23.1
-177.1	-24.8	-20.9	-17.7	-22.5
-177	-24.6	-20.0	-18.5	-25.1
-176.9	-22.3	-20.5	-19.0	-21.9
-176.8	-23.9	-21.1	-21.0	-23.1
-176.7	-19.9	-21.2	-21.5	-26.1
-176.6	-21.4	-20.9	-22.6	-24.0
-176.5	-20.8	-21.4	-25.2	-23.4
-176.4	-20.0	-20.5	-24.6	-25.8
-176.3	-18.8	-24.7	-24.8	-24.5
-176.2	-20.1	-22.9	-28.4	-24.0
-176.1	-19.7	-21.3	-30.4	-19.9
-176	-18.2	-22.0	-26.8	-21.8
-175.9	-18.5	-22.2	-23.2	-20.1
-175.8	-18.3	-21.3	-24.2	-18.1
-175.7	-18.7	-22.0	-24.8	-19.2
-175.6	-19.2	-21.1	-22.5	-17.3
-175.5	-18.8	-21.8	-21.4	-17.7
-175.4	-18.6	-22.1	-20.4	-16.4
-175.3	-17.8	-20.1	-20.9	-16.5
-175.2	-17.2	-22.2	-19.9	-16.5
-175.1	-17.2	-22.3	-20.0	-15.3
-175	-16.2	-21.5	-20.2	-14.9
-174.9	-15.8	-21.7	-20.6	-15.2
-174.8	-16.2	-21.8	-19.5	-15.5
-174.7	-16.7	-22.2	-21.3	-14.0
-174.6	-15.4	-20.5	-20.8	-14.9
-174.5	-17.2	-20.2	-23.1	-15.4
-174.4	-16.1	-19.5	-24.5	-14.9
-174.3	-16.0	-21.4	-25.6	-14.9
-174.2	-15.3	-20.1	-25.1	-16.6
-174.1	-14.8	-20.8	-29.3	-14.5
-174	-15.2	-20.8	-25.3	-16.4
-173.9	-14.9	-20.4	-38.0	-15.7
-173.8	-15.3	-21.0	-30.6	-16.2
-173.7	-15.7	-20.6	-27.3	-17.2
-173.6	-15.5	-21.0	-23.3	-16.8
-173.5	-15.0	-22.0	-23.0	-17.4
-173.4	-16.2	-21.0	-22.3	-17.5
-173.3	-17.3	-20.8	-22.5	-18.5
-173.2	-17.2	-20.5	-21.2	-19.3
-173.1	-17.4	-20.0	-18.2	-19.8
-173	-17.0	-20.8	-19.9	-19.4
-172.9	-17.2	-21.3	-18.1	-23.2
-172.8	-17.7	-20.1	-18.0	-21.4
-172.7	-18.7	-20.1	-16.6	-23.6
-172.6	-20.0	-19.8	-16.9	-24.8
-172.5	-20.8	-21.0	-16.4	-24.7
-172.4	-20.9	-20.9	-16.5	-26.7
-172.3	-19.3	-22.1	-16.5	-26.1
-172.2	-21.6	-22.8	-16.6	-30.2
-172.1	-21.8	-20.1	-16.6	-29.3
-172	-23.0	-21.0	-15.6	-23.7
-171.9	-23.3	-22.2	-16.5	-24.7
-171.8	-21.4	-23.6	-16.9	-23.6
-171.7	-21.6	-23.5	-16.5	-21.0
-171.6	-21.1	-22.7	-16.4	-21.3
-171.5	-20.2	-23.7	-18.1	-20.4
-171.4	-23.3	-27.2	-17.3	-17.9
-171.3	-21.5	-25.0	-16.4	-16.6
-171.2	-20.2	-24.4	-18.6	-16.9
-171.1	-20.4	-25.6	-17.2	-16.0
-171	-19.2	-25.4	-18.8	-16.5
-170.9	-18.6	-35.5	-17.1	-16.2
-170.8	-19.1	-34.2	-17.4	-15.1
-170.7	-17.7	-30.0	-18.4	-14.5
-170.6	-17.8	-37.8	-18.2	-13.3
-170.5	-19.0	-32.1	-17.7	-13.6
-170.4	-19.5	-30.8	-19.0	-13.1
-170.3	-17.9	-34.9	-18.6	-12.9
-170.2	-17.5	-28.8	-19.4	-12.1
-170.1	-18.0	-26.6	-19.7	-11.8
-170	-17.9	-23.1	-18.6	-11.3
-169.9	-18.6	-23.4	-17.4	-11.1
-169.8	-18.4	-24.2	-21.0	-11.1
-169.7	-19.2	-21.9	-17.5	-10.6
-169.6	-20.4	-22.3	-17.8	-10.8
-169.5	-20.0	-20.6	-18.0	-10.8
-169.4	-20.5	-20.9	-16.2	-10.4
-169.3	-20.9	-18.3	-17.1	-10.8
-169.2	-21.6	-19.0	-15.3	-10.5
-169.1	-20.7	-19.8	-15.9	-10.4
-169	-23.3	-18.7	-16.2	-10.1
-168.9	-23.7	-18.5	-14.4	-10.7
-168.8	-22.8	-18.0	-13.6	-10.5
-168.7	-24.2	-17.3	-13.3	-11.3
-168.6	-27.4	-17.5	-12.7	-11.4
-168.5	-23.0	-16.9	-13.1	-11.5
-168.4	-25.6	-17.7	-12.9	-11.6

-167.9	-20.3	-10.0	-16.9	-18.6	-167.9	-21.3	-16.7	-11.9	-14.0	-167.9	-23.4	-23.5	-29.8	-20.5
-167.8	-20.0	-10.4	-16.6	-18.8	-167.8	-21.7	-18.1	-12.4	-14.0	-167.8	-21.2	-24.9	-26.9	-19.7
-167.7	-20.8	-10.3	-16.5	-16.6	-167.7	-23.7	-16.1	-12.8	-13.8	-167.7	-23.6	-23.5	-31.6	-21.0
-167.6	-19.9	-10.4	-16.3	-16.5	-167.6	-19.8	-16.4	-12.9	-14.7	-167.6	-23.1	-26.6	-32.5	-21.9
-167.5	-19.0	-10.6	-15.3	-16.0	-167.5	-19.7	-15.9	-12.9	-15.4	-167.5	-25.4	-28.2	-32.4	-21.7
-167.4	-20.0	-10.6	-16.0	-15.7	-167.4	-20.0	-16.5	-13.7	-14.9	-167.4	-25.4	-25.0	-24.7	-20.8
-167.3	-20.8	-11.1	-14.3	-15.1	-167.3	-19.5	-15.8	-13.9	-15.6	-167.3	-25.7	-25.6	-26.8	-21.3
-167.2	-21.6	-10.7	-14.2	-14.3	-167.2	-18.7	-16.1	-14.6	-15.9	-167.2	-25.9	-26.8	-26.4	-22.0
-167.1	-20.6	-11.6	-14.2	-13.5	-167.1	-19.3	-15.4	-16.0	-15.4	-167.1	-23.2	-23.3	-25.7	-25.3
-167	-21.1	-12.5	-14.5	-12.6	-167	-18.2	-16.2	-16.3	-16.0	-167	-24.8	-23.3	-25.7	-25.3
-166.9	-22.8	-12.9	-13.3	-12.2	-166.9	-19.7	-16.0	-17.0	-15.8	-166.9	-22.8	-23.9	-21.9	-22.6
-166.8	-21.4	-14.5	-14.1	-12.0	-166.8	-17.8	-18.2	-18.6	-16.4	-166.8	-21.2	-23.3	-24.0	-25.2
-166.7	-22.3	-14.1	-13.2	-12.0	-166.7	-19.9	-16.4	-19.3	-17.2	-166.7	-20.0	-23.1	-22.4	-26.4
-166.6	-22.6	-14.6	-13.0	-11.8	-166.6	-19.2	-17.3	-21.6	-16.2	-166.6	-20.2	-20.5	-21.7	-24.4
-166.5	-21.2	-16.0	-13.5	-11.0	-166.5	-19.8	-16.5	-21.8	-16.8	-166.5	-19.8	-19.7	-18.9	-27.1
-166.4	-20.4	-16.5	-12.2	-10.4	-166.4	-19.8	-16.4	-26.0	-16.6	-166.4	-20.0	-19.3	-20.3	-29.4
-166.3	-23.5	-18.0	-12.4	-11.2	-166.3	-20.8	-18.4	-32.0	-16.5	-166.3	-19.4	-19.3	-19.1	-28.5
-166.2	-19.1	-18.5	-11.9	-10.3	-166.2	-24.0	-17.6	-32.7	-16.9	-166.2	-18.9	-17.8	-18.4	-32.3
-166.1	-19.2	-19.2	-12.2	-10.9	-166.1	-21.1	-18.5	-47.6	-16.7	-166.1	-19.2	-17.2	-18.8	-28.8
-166	-18.1	-18.7	-12.3	-10.6	-166	-23.2	-19.3	-40.5	-15.6	-166	-17.6	-16.0	-16.6	-25.1
-165.9	-17.5	-18.4	-11.5	-10.2	-165.9	-22.0	-19.8	-30.3	-15.8	-165.9	-18.2	-15.0	-17.8	-29.1
-165.8	-16.5	-18.5	-12.7	-9.7	-165.8	-24.3	-20.1	-27.9	-16.2	-165.8	-18.3	-14.6	-16.2	-30.1
-165.7	-16.0	-17.9	-12.1	-10.4	-165.7	-22.6	-22.6	-23.3	-16.4	-165.7	-20.3	-14.4	-17.0	-24.7
-165.6	-15.4	-16.1	-11.7	-10.7	-165.6	-23.4	-22.4	-23.2	-17.6	-165.6	-18.7	-13.8	-16.5	-28.0
-165.5	-14.4	-16.7	-12.4	-10.9	-165.5	-22.9	-25.1	-20.8	-15.9	-165.5	-18.8	-13.6	-15.3	-22.7
-165.4	-14.7	-16.0	-12.2	-10.7	-165.4	-29.2	-22.3	-21.7	-17.0	-165.4	-21.5	-13.4	-16.1	-21.5
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-164.7	-12.7	-11.7	-13.5	-12.6	-164.7	-28.2	-25.7	-17.2	-20.0	-164.7	-33.1	-12.5	-15.7	-20.4
-164.6	-13.0	-11.5	-13.8	-13.9	-164.6	-24.8	-26.1	-17.1	-19.6	-164.6	-31.3	-12.0	-15.4	-18.2
-164.5	-13.7	-11.5	-15.1	-14.0	-164.5	-29.0	-29.2	-15.9	-21.7	-164.5	-27.8	-12.4	-14.6	-18.5
-164.4	-13.4	-11.6	-14.0	-15.9	-164.4	-21.9	-23.6	-16.5	-21.6	-164.4	-26.0	-12.5	-15.3	-18.0
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-163.9	-13.4	-10.0	-17.3	-18.8	-163.9	-20.8	-21.7	-15.5	-22.0	-163.9	-18.8	-14.1	-15.6	-16.6
-163.8	-14.8	-10.2	-16.7	-20.3	-163.8	-19.4	-20.3	-16.6	-22.4	-163.8	-18.8	-15.0	-15.9	-17.4
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-163.5	-15.1	-9.9	-16.9	-23.8	-163.5	-17.3	-19.2	-19.0	-20.8	-163.5	-17.3	-16.4	-17.6	-16.1
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-162.9	-18.1	-11.1	-17.7	-20.3	-162.9	-14.7	-17.0	-23.2	-16.7	-162.9	-13.1	-20.0	-21.3	-17.0
-162.8	-17.4	-11.4	-16.8	-18.6	-162.8	-14.7	-16.5	-24.4	-16.1	-162.8	-13.4	-20.0	-20.1	-15.7
-162.7	-17.6	-12.4	-17.1	-16.2	-162.7	-14.7	-15.9	-26.1	-16.7	-162.7	-12.4	-20.5	-19.6	-16.8
-162.6	-16.8	-12.7	-16.4	-15.6	-162.6	-14.2	-16.2	-22.7	-14.8	-162.6	-12.2	-22.6	-22.3	-14.5
-162.5	-17.0	-12.5	-16.3	-15.5	-162.5	-13.5	-15.3	-25.4	-14.2	-162.5	-12.0	-21.3	-20.7	-15.3
-162.4	-16.5	-14.4	-16.0	-14.6	-162.4	-14.9	-15.3	-25.1	-13.9	-162.4	-11.2	-22.7	-25.1	-14.4
-162.3	-15.3	-14.6	-15.5	-13.6	-162.3	-14.4	-15.1	-23.8	-14.0	-162.3	-11.3	-20.0	-28.6	-15.0
-162.2	-15.2	-16.6	-15.5	-13.3	-162.2	-14.6	-14.7	-21.6	-13.2	-162.2	-10.6	-19.1	-25.2	-14.2
-162.1	-15.0	-17.2	-15.1	-12.7	-162.1	-14.4	-14.9	-21.7	-13.3	-162.1	-10.6	-19.0	-24.7	-13.5
-162	-13.1	-18.5	-14.8	-12.6	-162	-14.2	-14.1	-18.8	-13.0	-162	-10.0	-20.6	-27.8	-13.0
-161.9	-12.8	-20.2	-14.6	-12.4	-161.9	-15.4	-14.0	-18.3	-12.8	-161.9	-9.8	-19.0	-30.4	-13.9
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-161.4	-10.0	-29.3	-14.3	-11.2	-161.4	-16.6	-12.9	-14.6	-11.3	-161.4	-9.0	-14.3	-34.0	-11.8
-161.3	-9.3	-23.9	-13.8	-11.4	-161.3	-18.3	-13.4	-14.4	-11.1	-161.3	-8.6	-12.9	-30.5	-11.2
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-160.7	-7.7	-15.7	-15.7	-12.9	-160.7	-25.4	-12.3	-11.3	-10.7	-160.7	-8.8	-9.1	-19.5	-10.5
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-160.5	-7.3	-13.0	-15.8	-13.4	-160.5	-24.1	-12.2	-10.5	-10.8	-160.5	-8.0	-8.3	-19.2	-10.4
-160.4	-7.5	-12.3	-16.9	-13.6	-160.4	-25.9	-11.9	-10.0	-10.4	-160.4	-8.1	-7.9	-21.8	-9.9
-160.3	-7.1	-11.9	-16.9	-12.4	-160.3	-22.3	-11.9	-10.0	-11.0	-160.3	-8.0	-7.5	-19.7	-9.8
-160.2	-6.9	-10.8	-18.1	-13.6	-160.2	-20.7	-11.8	-9.6	-10.9	-160.2	-9.3	-7.3	-19.2	-9.8
-160.1	-6.7	-10.4	-17.8	-13.6	-160.1	-20.4	-11.7	-9.6	-10.9	-160.1	-9.1	-7.0	-18.1	-9.8
-160	-6.4	-9.9	-17.5	-14.4	-160	-18.2	-12.2	-8.9	-11.4	-160	-9.0	-6.7	-18.2	-9.4
-159.9	-6.3	-9.2	-18.6	-16.1	-159.9	-18.2	-11.4	-9.1	-11.5	-159.9	-9.4	-6.2	-17.4	-9.1
-159.8	-6.3	-8.8	-18.6	-15.6	-159.8	-16.7	-11.9	-8.6	-11.9	-159.8	-9.7	-6.0	-18.8	-9.0
-159.7	-6.4	-8.9	-18.4	-16.7	-159.7	-16.3	-12.7	-8.6	-11.4	-159.7	-10.2	-6.0	-17.2	-9.0
-159.6	-6.2	-8.6	-20.5	-16.2	-159.6	-15.6	-11.8	-8.5	-11.8	-159.6	-11.0	-5.8	-16.8	-9.0
-159.5	-6.2	-8.0	-21.6	-17.5	-159.5	-13.9	-12.0	-8.3	-12.5	-159.5	-11.8	-5.3	-17.5	-8.5
-159.4	-6.3	-7.7	-22.3	-17.7	-159.4	-14.9	-11.9	-8.1	-12.5	-159.4	-11.4	-5.2	-17.1	-8.4
-159.3	-6.2	-7.8	-21.6	-18.5	-159.3	-13.8	-12.0	-8.5	-12.7	-159.3	-12.5	-5.0	-16.6	-8.2
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-154.9	-14.7	-9.4	-16.2	-14.9	-154.9	-15.1	-17.2	-14.8	-11.0	-154.9	-7.3	-10.9	-18.7	-14.4
-154.8	-15.3	-9.4	-15.6	-15.2	-154.8	-15.9	-18.3	-12.8	-11.4	-154.8	-7.3	-10.9	-18.9	-14.3
-154.7	-15.7	-9.1	-16.7	-16.5	-154.7	-14.2	-18.4	-14.4	-12.0	-154.7	-7.3	-11.3	-17.3	-14.9
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-154.5	-15.0	-9.1	-16.8	-17.1	-154.5	-13.8	-19.4	-13.5	-11.7	-154.5	-7.2	-11.2	-18.2	-16.2
-154.4	-15.5	-9.3	-16.4	-17.5	-154.4	-14.8	-20.1	-13.1	-12.4	-154.4	-7.1	-11.4	-18.5	-15.3
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-154.2	-17.0	-9.5	-16.6	-18.7	-154.2	-13.3	-18.8	-12.8	-13.3	-154.2	-7.2	-11.6	-18.8	-15.3
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-154	-15.1	-9.3	-15.4	-19.3	-154	-12.8	-20.4	-12.7	-13.6	-154	-7.4	-11.5	-18.2	-17.8
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-153.5	-13.6	-9.9	-15.2	-19.6	-153.5	-11.8	-18.4	-12.5	-11.7	-153.5	-7.0	-10.5	-18.8	-19.0
-153.4	-12.5	-9.5	-16.2	-21.8	-153.4	-12.1	-17.6	-13.6	-12.6	-153.4	-6.6	-11.1	-17.4	-18.5
-153.3	-13.1	-9.6	-15.3	-19.8	-153.3	-11.4	-17.4	-13.8	-11.4	-153.3	-6.5	-10.6	-18.4	-20.4
-153.2	-12.0	-10.1	-16.0	-21.7	-153.2	-11.9	-17.6	-14.9	-11.9	-153.2	-6.7	-10.3	-19.8	-20.1
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-152.8	-11.0	-10.9	-14.6	-18.6	-152.8	-11.3	-16.0	-15.5	-10.0	-152.8	-6.2	-10.4	-19.1	-22.1
-152.7	-11.2	-11.0	-15.2	-19.9	-152.7	-11.1	-15.8	-15.3	-10.1	-152.7	-6.7	-11.2	-18.0	-21.0
-152.6	-10.7	-11.5	-15.2	-18.3	-152.6	-12.0	-16.2	-17.0	-10.3	-152.6	-6.2	-11.2	-18.3	-19.4
-152.5	-11.1	-11.6	-15.4	-18.2	-152.5	-11.7	-15.4	-17.0	-9.3	-152.5	-6.4	-11.6	-18.2	-22.3
-152.4	-10.3	-11.0	-15.4	-17.1	-152.4	-11.6	-16.3	-17.9	-9.3	-152.4	-5.6	-11.7	-17.3	-19.8
-152.3	-10.0	-11.8	-14.5	-19.0	-152.3	-12.6	-15.4	-16.2	-9.0	-152.3	-5.9	-11.7	-18.5	-22.8
-152.2	-10.4	-12.7	-15.0	-17.4	-152.2	-11.9	-15.0	-17.5	-8.7	-152.2	-5.7	-12.6	-18.6	-22.1
-152.1	-10.3	-12.7	-14.4	-17.5	-152.1	-12.1	-14.9	-19.0	-8.6	-152.1	-5.4	-13.3	-17.6	-20.9
-152	-9.5	-12.6	-14.0	-16.6	-152	-11.9	-15.1	-17.8	-8.8	-152	-5.5	-13.4	-17.3	-20.4
-151.9	-9.4	-12.9	-14.6	-17.0	-151.9	-12.3	-15.8	-17.9	-8.1	-151.9	-5.4	-13.8	-18.0	-20.7
-151.8	-9.2	-13.2	-14.2	-16.1	-151.8	-12.4	-15.0	-17.7	-7.9	-151.8	-5.2	-14.8	-18.4	-21.9
-151.7	-9.5	-13.3	-14.2	-17.0	-151.7	-12.7	-15.4	-16.8	-7.9	-151.7	-4.9	-16.4	-19.3	-22.1
-151.6	-8.5	-13.1	-13.8	-16.0	-151.6	-12.4	-15.0	-16.8	-7.7	-151.6	-4.9	-16.9	-18.0	-20.0
-151.5	-8.9	-14.1	-14.6	-16.1	-151.5	-12.9	-15.1	-16.4	-7.4	-151.5	-5.0	-17.9	-18.1	-21.3
-151.4	-8.7	-13.9	-14.2	-15.6	-151.4	-12.8	-15.4	-17.0	-7.6	-151.4	-4.9	-18.3	-17.2	-19.7
-151.3	-9.3	-13.3	-14.0	-16.1	-151.3	-12.6	-15.7	-16.7	-7.7	-151.3	-4.7	-18.8	-18.0	-23.3
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-151.1	-9.1	-13.5	-14.0	-16.0	-151.1	-12.2	-14.3	-17.4	-7.5	-151.1	-4.9	-22.6	-17.5	-21.4
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-136.7	-12.3	-19.7	-8.4	-10.7
-136.6	-11.6	-17.7	-8.8	-10.0
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-136.2	-11.4	-17.1	-9.6	-9.8
-136.1	-11.3	-17.8	-9.3	-9.7
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-135.8	-11.2	-17.5	-9.7	-9.7
-135.7	-11.1	-17.9	-9.7	-10.2
-135.6	-11.2	-19.5	-9.7	-9.5
-135.5	-11.0	-17.8	-10.1	-9.1
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-131.7	-6.5	-23.7	-10.6	-8.4
-131.6	-6.1	-23.8	-10.3	-8.4
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-131.4	-6.1	-23.9	-9.8	-7.7
-131.3	-6.3	-23.4	-9.6	-7.9
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-131	-6.4	-21.4	-9.4	-7.9
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-143.1	-7.6	-12.5	-9.5	-23.7
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-130.7	-1.6	-2.7	-8.6	-30.9	-130.7	-6.3	-21.0	-9.4	-8.0	-130.7	-8.6	-11.4	-8.3	-19.3
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-130.5	-1.4	-2.7	-8.4	-23.0	-130.5	-6.6	-20.2	-9.1	-8.0	-130.5	-8.3	-11.7	-8.1	-19.8
-130.4	-1.5	-3.0	-8.4	-24.2	-130.4	-6.8	-19.3	-9.2	-7.7	-130.4	-8.3	-11.9	-9.0	-20.1
-130.3	-1.4	-2.9	-8.5	-22.9	-130.3	-6.6	-21.4	-8.9	-7.3	-130.3	-8.0	-12.1	-9.0	-20.0
-130.2	-1.4	-2.8	-7.9	-20.6	-130.2	-6.7	-20.0	-8.9	-8.1	-130.2	-7.7	-12.5	-9.2	-20.8
-130.1	-1.5	-3.0	-7.7	-20.5	-130.1	-6.5	-19.1	-8.7	-7.8	-130.1	-7.8	-12.0	-9.0	-19.6
-130	-1.5	-3.0	-7.8	-20.2	-130	-6.8	-20.1	-9.2	-7.9	-130	-7.4	-11.7	-9.3	-19.1
-129.9	-1.6	-3.1	-8.1	-21.7	-129.9	-6.9	-19.1	-8.9	-7.5	-129.9	-7.8	-12.0	-9.8	-20.3
-129.8	-1.5	-3.1	-8.0	-19.6	-129.8	-6.5	-19.8	-9.1	-7.7	-129.8	-7.5	-11.5	-9.9	-20.4
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-129.6	-1.5	-3.0	-8.5	-19.2	-129.6	-7.0	-18.7	-9.1	-7.5	-129.6	-7.6	-11.2	-10.2	-19.6
-129.5	-1.5	-2.8	-8.2	-19.3	-129.5	-7.6	-19.5	-9.3	-7.2	-129.5	-7.9	-11.6	-10.6	-20.1
-129.4	-1.7	-3.0	-8.3	-18.3	-129.4	-7.1	-19.5	-8.8	-7.2	-129.4	-7.9	-12.1	-10.1	-18.4
-129.3	-1.7	-3.0	-8.2	-17.7	-129.3	-7.9	-21.6	-10.1	-7.6	-129.3	-7.5	-11.2	-10.4	-17.0
-129.2	-1.8	-3.0	-8.1	-17.8	-129.2	-8.0	-19.4	-9.8	-6.9	-129.2	-7.6	-11.8	-10.0	-18.5
-129.1	-1.5	-2.6	-8.3	-17.7	-129.1	-8.2	-19.9	-9.7	-7.3	-129.1	-8.2	-11.7	-10.5	-18.0
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-128.9	-1.7	-2.9	-8.6	-17.8	-128.9	-8.6	-21.1	-9.8	-6.7	-128.9	-7.6	-11.6	-10.4	-17.5
-128.8	-1.7	-2.9	-8.5	-16.8	-128.8	-8.7	-19.0	-10.0	-6.8	-128.8	-7.5	-10.8	-10.6	-16.7
-128.7	-1.5	-2.6	-8.7	-17.0	-128.7	-8.9	-21.9	-9.8	-6.2	-128.7	-8.3	-11.2	-10.8	-17.6
-128.6	-1.5	-2.9	-8.2	-17.5	-128.6	-9.4	-17.8	-11.0	-6.4	-128.6	-7.5	-11.8	-9.6	-17.8
-128.5	-1.5	-2.7	-8.4	-16.9	-128.5	-9.0	-19.4	-10.6	-6.3	-128.5	-7.8	-11.5	-10.1	-17.5
-128.4	-1.6	-2.5	-8.7	-15.3	-128.4	-10.1	-19.6	-10.7	-6.2	-128.4	-7.6	-11.2	-10.0	-17.3
-128.3	-1.6	-2.5	-8.3	-16.0	-128.3	-9.8	-19.7	-11.1	-6.2	-128.3	-8.2	-10.9	-10.3	-17.1
-128.2	-1.7	-2.7	-8.2	-17.6	-128.2	-10.0	-20.2	-11.2	-6.1	-128.2	-7.9	-11.7	-10.2	-17.6
-128.1	-1.6	-2.5	-8.3	-15.7	-128.1	-9.8	-20.4	-11.3	-6.0	-128.1	-7.5	-11.8	-10.5	-17.9
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-127.9	-1.7	-2.3	-8.2	-16.4	-127.9	-10.1	-20.0	-11.3	-5.7	-127.9	-7.7	-12.3	-9.5	-17.3
-127.8	-1.7	-2.1	-8.3	-15.8	-127.8	-10.8	-19.4	-11.3	-5.6	-127.8	-7.7	-11.2	-9.5	-18.2
-127.7	-1.7	-2.2	-7.9	-15.6	-127.7	-10.8	-19.5	-12.2	-5.8	-127.7	-7.4	-12.3	-9.5	-18.1
-127.6	-1.8	-2.2	-7.6	-15.2	-127.6	-11.3	-19.4	-11.9	-5.4	-127.6	-7.3	-12.5	-9.6	-17.7
-127.5	-1.5	-2.0	-7.6	-15.5	-127.5	-10.7	-18.3	-11.9	-5.6	-127.5	-7.4	-12.5	-9.8	-18.1
-127.4	-1.6	-1.9	-8.0	-15.4	-127.4	-11.5	-18.1	-12.2	-5.1	-127.4	-7.5	-12.7	-9.8	-18.4
-127.3	-1.7	-1.9	-7.8	-14.7	-127.3	-11.3	-18.2	-12.2	-5.3	-127.3	-7.2	-12.7	-10.1	-18.7
-127.2	-1.9	-2.0	-7.3	-14.9	-127.2	-12.0	-17.5	-11.6	-5.4	-127.2	-7.3	-13.4	-9.8	-19.1
-127.1	-1.6	-1.7	-7.5	-13.5	-127.1	-11.4	-16.6	-13.0	-5.0	-127.1	-7.3	-13.8	-9.0	-18.8
-127	-1.7	-1.6	-7.5	-15.0	-127	-11.9	-16.8	-12.7	-5.0	-127	-6.9	-13.5	-9.9	-19.3
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-126.8	-1.7	-1.4	-7.3	-14.3	-126.8	-11.2	-15.8	-13.2	-5.0	-126.8	-7.0	-13.8	-9.4	-18.4
-126.7	-1.8	-1.5	-7.3	-13.6	-126.7	-11.7	-15.2	-13.0	-5.1	-126.7	-7.4	-14.6	-9.5	-18.1
-126.6	-1.9	-1.5	-7.6	-13.8	-126.6	-11.6	-15.7	-14.3	-4.8	-126.6	-7.0	-14.2	-9.3	-18.4
-126.5	-1.8	-1.3	-7.5	-13.2	-126.5	-12.4	-15.2	-13.7	-4.9	-126.5	-7.1	-14.2	-9.5	-16.8
-126.4	-2.0	-1.5	-7.5	-13.5	-126.4	-11.4	-15.0	-14.6	-4.7	-126.4	-7.0	-13.8	-9.1	-15.5
-126.3	-2.0	-1.5	-7.4	-13.0	-126.3	-11.3	-14.7	-14.3	-4.9	-126.3	-7.4	-13.6	-9.1	-16.3
-126.2	-2.0	-1.4	-8.0	-13.7	-126.2	-10.7	-14.6	-14.0	-4.5	-126.2	-7.5	-14.2	-9.5	-16.9
-126.1	-1.9	-1.2	-7.5	-12.6	-126.1	-10.7	-14.4	-15.4	-4.6	-126.1	-7.5	-13.4	-9.3	-15.9
-126	-1.8	-1.4	-7.8	-12.5	-126	-11.6	-14.8	-15.2	-4.9	-126	-7.5	-13.4	-8.8	-14.9
-125.9	-1.9	-1.3	-7.7	-12.6	-125.9	-10.6	-14.2	-15.6	-5.0	-125.9	-7.8	-13.3	-9.0	-15.1
-125.8	-2.0	-1.3	-7.6	-12.5	-125.8	-10.3	-14.0	-15.2	-5.2	-125.8	-7.6	-13.4	-8.9	-15.4
-125.7	-1.9	-1.3	-7.3	-12.6	-125.7	-10.8	-13.6	-16.0	-4.7	-125.7	-8.0	-12.8	-9.0	-14.6
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-125.3	-1.6	-1.0	-8.0	-12.1	-125.3	-10.6	-13.0	-13.1	-5.0	-125.3	-8.1	-12.8	-8.7	-13.8
-125.2	-1.7	-1.2	-7.6	-12.7	-125.2	-10.6	-13.6	-14.2	-5.2	-125.2	-8.9	-11.5	-8.6	-14.1
-125.1	-1.6	-1.0	-8.2	-12.6	-125.1	-9.8	-12.9	-13.8	-5.5	-125.1	-8.6	-11.1	-9.2	-14.0
-125	-1.5	-1.0	-7.8	-12.2	-125	-10.0	-12.4	-13.1	-5.7	-125	-8.9	-10.9	-9.3	-13.2
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-124.8	-1.3	-1.2	-7.8	-12.9	-124.8	-10.3	-12.7	-12.5	-6.2	-124.8	-9.3	-10.2	-8.6	-13.4
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-124.6	-0.9	-1.2	-7.9	-11.9	-124.6	-10.1	-13.0	-12.5	-6.3	-124.6	-9.7	-9.9	-9.2	-14.0
-124.5	-0.9	-1.4	-7.9	-11.6	-124.5	-10.1	-13.1	-12.0	-6.5	-124.5	-10.4	-10.1	-9.6	-13.2
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-124.3	-0.6	-1.2	-8.7	-11.6	-124.3	-10.4	-12.5	-11.2	-7.2	-124.3	-11.1	-9.3	-9.6	-14.0
-124.2	-0.4	-1.2	-8.2	-11.8	-124.2	-10.9	-12.7	-10.6	-7.2	-124.2	-10.7	-9.1	-9.1	-13.8
-124.1	-0.4	-1.3	-8.4	-12.5	-124.1	-11.1	-13.0	-10.6	-7.4	-124.1	-11.5	-9.0	-9.2	-13.7
-124	-0.3	-1.3	-8.5	-12.0	-124	-11.0	-13.0	-10.0	-7.0	-124	-11.9	-9.0	-9.6	-14.8
-123.9	-0.1	-1.4	-8.2	-11.9	-123.9	-11.6	-13.0	-10.4	-7.2	-123.9	-12.5	-8.5	-9.7	-15.8
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-123.7	0.1	-1.3	-8.0	-11.7	-123.7	-11.8	-12.5	-9.7	-7.3	-123.7	-13.1	-8.9	-8.8	-15.1
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-123.4	0.5	-1.4	-8.2	-11.5	-123.4	-11.9	-12.8	-9.3	-7.0	-123.4	-14.5	-8.6	-9.0	-16.2
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-123.2	0.8	-1.2	-8.0	-11.8	-123.2	-12.2	-14.1	-9.4	-6.8	-123.2	-13.6	-8.6	-9.3	-17.7
-123.1	0.8	-1.5	-7.7	-11.5	-123.1	-11.8	-13.5	-9.4	-7.0	-123.1	-14.0	-8.4	-8.5	-18.1
-123	0.9	-1.5	-8.0	-11.5	-123	-11.6	-13.5	-9.2	-6.6	-123	-13.6	-7.9	-8.5	-18.2
-122.9	1.1	-1.5	-7.6	-11.2	-122.9	-11.8	-14.7	-9.8	-5.9	-122.9	-13.9	-8.2	-8.8	-19.6
-122.8	1.1	-1.5	-7.4	-11.3	-122.8	-11.7	-14.5	-9.6	-6.0	-122.8	-14.0	-8.3	-8.0	-18.6
-122.7	1.3	-1.5	-7.3	-11.4	-122.7	-11.3	-14.3	-9.9	-6.1	-122.7	-12.8	-8.0	-8.4	-20.2
-122.6	1.2	-1.4	-6.9	-10.9	-122.6	-11.6	-14.7	-9.2	-6.0	-122.6	-12.9	-7.9	-8.0	-19.6
-122.5	1.2	-1.6	-6.7	-11.1	-122.5	-11.4	-14.7	-9.7	-5.6	-122.5	-11.8	-7.9	-7.6	-20.2
-122.4	1.4	-1.4	-6.8	-11.0	-122.4	-11.0	-15.1	-9.8	-5.2	-122.4	-12.7	-8.1	-7.8	-20.4
-122.3	1.3	-1.4	-6.6	-11.1	-122.3	-10.6	-15.4	-9.7	-5.6	-122.3	-12.2	-8.2	-7.5	-20.6
-122.2	1.4	-1.4	-6.5	-11.0	-122.2	-10.4	-14.8	-9.3	-5.1	-122.2	-11.4	-8.0	-7.4	-23.3
-122.1	1.4	-1.6	-6.4	-11.2	-122.1	-10.1	-15.7	-9.4	-5.2	-122.1	-10.7	-8.1	-7.0	-20.7
-122	1.4	-1.4	-6.1	-11.3	-122	-10.0	-15.9	-9.5	-5.0	-122	-11.7	-7.7	-7.1	-22.1
-121.9	1.6	-1.4	-6.1	-11.9	-121.9	-9.0	-14.5	-9.8	-5.0	-121.9	-11.0	-7.7	-6.9	-24.5
-121.8	1.6	-1.4	-5.9	-11.0	-121.8	-9.0	-14.9	-10.1	-4.6	-121.8	-10.5	-7.6	-6.9	-23.5
-121.7	1.6	-1.5	-5.6	-11.0	-121.7	-8.9	-14.7	-9.8	-4.6	-121.7	-10.6	-8.0	-6.5	-26.9</

-118.3	3.2	0.7	-4.4	-9.2	-118.3	-5.1	-14.1	-7.5	-2.1	-118.3	-9.6	-6.3	-3.1	-13.3
-118.2	3.2	0.6	-4.1	-9.5	-118.2	-4.9	-14.3	-7.3	-2.2	-118.2	-9.4	-6.3	-3.4	-13.4
-118.1	3.2	0.7	-4.0	-9.7	-118.1	-4.8	-14.1	-6.9	-2.1	-118.1	-9.4	-6.3	-3.7	-13.5
-118	3.3	0.9	-3.8	-9.0	-118	-5.0	-13.5	-6.9	-2.5	-118	-9.4	-6.6	-3.6	-13.6
-117.9	3.2	0.7	-3.9	-9.1	-117.9	-5.2	-13.1	-6.7	-1.9	-117.9	-9.2	-6.6	-3.6	-13.2
-117.8	3.4	0.9	-3.8	-9.8	-117.8	-5.1	-12.8	-6.4	-2.2	-117.8	-9.4	-6.7	-3.6	-14.2
-117.7	3.3	1.1	-3.9	-9.6	-117.7	-5.1	-13.1	-6.4	-2.2	-117.7	-9.7	-6.3	-3.6	-14.1
-117.6	3.2	1.1	-3.5	-9.8	-117.6	-5.1	-12.6	-6.6	-1.9	-117.6	-9.5	-6.4	-3.4	-15.2
-117.5	3.3	1.2	-3.7	-8.9	-117.5	-5.3	-13.1	-5.8	-2.2	-117.5	-9.6	-6.9	-3.4	-13.8
-117.4	3.3	1.3	-3.6	-9.7	-117.4	-4.7	-13.2	-6.0	-2.1	-117.4	-9.4	-6.9	-3.3	-14.8
-117.3	3.4	1.3	-3.4	-9.0	-117.3	-4.7	-12.8	-5.3	-2.3	-117.3	-9.5	-6.5	-3.3	-16.6
-117.2	3.3	1.4	-3.6	-9.6	-117.2	-5.0	-13.8	-5.5	-2.2	-117.2	-9.9	-6.6	-3.8	-15.7
-117.1	3.4	1.5	-3.4	-9.4	-117.1	-4.8	-13.5	-5.2	-2.4	-117.1	-9.1	-6.5	-3.6	-16.2
-117	3.3	1.4	-3.2	-8.9	-117	-5.1	-13.3	-4.9	-2.2	-117	-9.6	-6.3	-3.7	-17.0
-116.9	3.3	1.6	-3.0	-9.1	-116.9	-5.2	-13.9	-5.0	-2.3	-116.9	-9.4	-6.8	-3.4	-17.3
-116.8	3.4	1.6	-3.0	-9.0	-116.8	-4.9	-13.3	-4.9	-1.8	-116.8	-9.0	-6.7	-3.4	-16.6
-116.7	3.5	1.7	-3.0	-8.7	-116.7	-4.9	-12.8	-4.6	-2.0	-116.7	-9.6	-6.3	-3.3	-18.2
-116.6	3.3	1.8	-2.8	-8.5	-116.6	-5.3	-12.6	-4.5	-1.8	-116.6	-9.7	-6.9	-3.5	-17.6
-116.5	3.4	2.0	-3.0	-8.6	-116.5	-5.3	-12.5	-4.6	-2.0	-116.5	-9.4	-6.7	-3.5	-17.9
-116.4	3.5	1.9	-2.7	-8.2	-116.4	-5.2	-13.3	-4.3	-1.7	-116.4	-9.2	-6.4	-3.4	-18.5
-116.3	3.4	2.1	-2.5	-8.1	-116.3	-5.5	-12.5	-4.4	-1.9	-116.3	-9.8	-6.9	-3.5	-18.7
-116.2	3.4	2.1	-2.5	-8.1	-116.2	-5.7	-12.5	-4.3	-1.8	-116.2	-9.4	-6.1	-3.6	-18.2
-116.1	3.3	2.0	-2.7	-8.0	-116.1	-5.8	-12.5	-4.4	-1.7	-116.1	-9.1	-6.8	-3.3	-17.6
-116	3.6	2.2	-2.8	-7.6	-116	-5.6	-12.0	-4.1	-1.6	-116	-9.2	-6.8	-3.4	-17.8
-115.9	3.5	2.3	-2.7	-7.5	-115.9	-5.8	-11.6	-4.6	-1.4	-115.9	-9.3	-6.5	-3.3	-16.2
-115.8	3.5	2.4	-2.6	-7.4	-115.8	-6.2	-11.5	-4.0	-1.4	-115.8	-9.6	-6.6	-3.4	-16.2
-115.7	3.5	2.3	-2.7	-7.4	-115.7	-6.1	-11.2	-4.2	-1.2	-115.7	-9.3	-6.9	-3.3	-16.8
-115.6	3.6	2.5	-2.6	-6.9	-115.6	-6.2	-11.3	-4.2	-1.1	-115.6	-9.3	-6.7	-3.1	-15.7
-115.5	3.6	2.4	-2.7	-7.2	-115.5	-6.1	-10.7	-4.5	-1.0	-115.5	-10.4	-6.7	-3.4	-15.3
-115.4	3.7	2.6	-2.4	-6.8	-115.4	-6.7	-10.6	-4.3	-1.0	-115.4	-9.8	-6.7	-3.1	-14.0
-115.3	3.7	2.6	-2.6	-6.7	-115.3	-6.5	-10.5	-3.9	-1.0	-115.3	-10.0	-6.7	-3.2	-13.9
-115.2	3.7	2.7	-2.9	-6.7	-115.2	-6.1	-10.0	-4.1	-1.0	-115.2	-9.8	-6.4	-3.0	-13.2
-115.1	3.8	2.7	-2.6	-6.3	-115.1	-6.8	-10.2	-4.2	-0.8	-115.1	-9.7	-6.5	-2.9	-12.1
-115	3.8	2.8	-2.6	-6.7	-115	-6.6	-10.6	-4.2	-0.9	-115	-10.0	-6.4	-3.0	-13.0
-114.9	3.8	2.7	-2.8	-6.3	-114.9	-6.9	-10.1	-4.2	-0.8	-114.9	-10.7	-6.7	-3.2	-11.3
-114.8	3.8	2.8	-2.7	-6.1	-114.8	-6.8	-9.9	-4.0	-0.9	-114.8	-10.7	-6.7	-2.8	-11.2
-114.7	3.9	2.9	-2.6	-5.9	-114.7	-7.1	-9.7	-4.0	-0.8	-114.7	-10.7	-6.6	-2.7	-11.4
-114.6	3.9	2.9	-2.3	-6.4	-114.6	-7.8	-9.3	-3.8	-0.8	-114.6	-10.1	-6.8	-2.4	-11.3
-114.5	3.9	3.0	-2.4	-6.2	-114.5	-7.4	-9.5	-3.7	-0.7	-114.5	-10.2	-6.8	-2.8	-10.9
-114.4	3.9	3.1	-2.4	-6.0	-114.4	-7.9	-8.9	-3.9	-0.9	-114.4	-10.3	-6.8	-2.8	-10.7
-114.3	3.8	3.0	-2.2	-6.1	-114.3	-8.3	-9.1	-3.8	-1.0	-114.3	-10.2	-6.9	-2.9	-10.1
-114.2	3.9	3.1	-2.2	-5.3	-114.2	-8.4	-9.6	-3.7	-0.9	-114.2	-10.8	-6.6	-2.6	-10.4
-114.1	4.1	3.1	-2.1	-5.7	-114.1	-8.3	-9.5	-3.5	-0.8	-114.1	-11.3	-7.0	-2.7	-10.3
-114	4.0	3.2	-1.9	-5.8	-114	-8.8	-9.6	-3.8	-0.8	-114	-10.6	-7.1	-2.6	-10.3
-113.9	4.1	3.2	-1.7	-5.7	-113.9	-8.3	-8.8	-3.3	-1.0	-113.9	-10.5	-7.3	-2.7	-10.1
-113.8	3.9	3.2	-1.7	-6.0	-113.8	-8.7	-8.7	-3.4	-1.3	-113.8	-10.7	-7.1	-2.6	-9.8
-113.7	4.1	3.2	-1.5	-5.5	-113.7	-9.0	-8.9	-3.4	-1.0	-113.7	-10.5	-7.3	-2.6	-10.3
-113.6	4.0	3.1	-1.4	-5.2	-113.6	-9.2	-9.0	-3.2	-1.2	-113.6	-10.4	-7.1	-2.5	-9.9
-113.5	4.0	3.3	-1.5	-5.4	-113.5	-9.3	-9.0	-3.0	-1.3	-113.5	-10.8	-7.3	-2.3	-9.6
-113.4	4.0	3.2	-1.4	-5.2	-113.4	-9.4	-9.0	-3.1	-1.3	-113.4	-10.7	-7.2	-2.5	-9.4
-113.3	3.9	3.3	-1.2	-5.7	-113.3	-8.9	-9.0	-2.9	-1.4	-113.3	-10.9	-7.6	-2.4	-9.2
-113.2	3.8	3.3	-1.3	-5.4	-113.2	-9.7	-8.8	-2.6	-1.3	-113.2	-10.7	-7.4	-2.5	-9.5
-113.1	4.0	3.3	-1.0	-5.2	-113.1	-9.9	-9.3	-2.7	-1.3	-113.1	-10.9	-7.5	-2.4	-10.0
-113	3.8	3.4	-0.8	-5.1	-113	-10.2	-8.3	-2.5	-1.6	-113	-10.5	-7.7	-2.3	-9.6
-112.9	3.8	3.3	-0.9	-5.2	-112.9	-10.1	-8.8	-2.2	-1.4	-112.9	-10.6	-7.6	-2.4	-9.2
-112.8	3.8	3.3	-0.6	-5.2	-112.8	-10.1	-9.1	-2.0	-1.6	-112.8	-10.6	-7.6	-2.1	-9.1
-112.7	3.9	3.4	-0.6	-5.5	-112.7	-10.3	-8.5	-2.0	-1.6	-112.7	-10.5	-7.4	-2.0	-9.0
-112.6	3.9	3.3	-0.4	-5.4	-112.6	-10.9	-9.2	-1.8	-1.6	-112.6	-10.1	-7.1	-1.8	-8.9
-112.5	3.7	3.2	-0.5	-5.2	-112.5	-9.9	-8.5	-1.7	-1.6	-112.5	-10.7	-7.3	-1.6	-9.4
-112.4	3.8	3.4	-0.1	-5.4	-112.4	-10.2	-9.0	-1.4	-1.8	-112.4	-10.1	-7.4	-2.0	-9.1
-112.3	3.8	3.4	0.2	-5.4	-112.3	-10.7	-9.0	-1.6	-1.6	-112.3	-10.1	-7.1	-1.7	-8.8
-112.2	3.9	3.5	0.2	-5.7	-112.2	-9.7	-8.2	-1.5	-1.7	-112.2	-9.5	-6.9	-1.6	-8.8
-112.1	3.8	3.5	0.2	-5.5	-112.1	-9.5	-9.0	-1.2	-1.8	-112.1	-10.0	-7.2	-1.6	-8.7
-112	3.9	3.4	0.3	-5.3	-112	-10.5	-8.8	-1.3	-1.5	-112	-9.5	-7.1	-1.3	-8.7
-111.9	3.9	3.5	0.5	-5.6	-111.9	-10.5	-8.8	-1.0	-1.8	-111.9	-9.4	-6.9	-1.3	-8.8
-111.8	3.9	3.5	0.4	-6.0	-111.8	-10.1	-8.6	-1.0	-1.8	-111.8	-9.2	-7.0	-1.1	-8.6
-111.7	3.9	3.5	0.5	-5.4	-111.7	-10.0	-8.5	-0.9	-1.9	-111.7	-9.5	-6.9	-1.0	-8.5
-111.6	3.9	3.5	0.7	-5.5	-111.6	-10.0	-8.7	-0.5	-2.0	-111.6	-9.4	-6.8	-1.0	-8.0
-111.5	3.9	3.5	0.5	-6.1	-111.5	-10.4	-8.9	-0.5	-1.7	-111.5	-9.5	-7.1	-1.3	-8.2
-111.4	4.0	3.4	0.8	-6.3	-111.4	-10.0	-9.0	-0.4	-1.6	-111.4	-9.2	-6.6	-0.9	-8.6
-111.3	4.2	3.6	0.8	-6.4	-111.3	-9.9	-8.9	-0.4	-1.7	-111.3	-9.1	-7.0	-0.9	-8.1
-111.2	4.1	3.5	0.9	-6.8	-111.2	-9.8	-8.9	-0.3	-1.7	-111.2	-8.6	-6.9	-0.6	-8.2
-111.1	4.2	3.6	1.0	-6.6	-111.1	-9.7	-9.0	-0.2	-1.7	-111.1	-8.6	-6.9	-1.2	-8.6
-111	4.2	3.5	1.2	-7.0	-111	-9.3	-8.4	0.0	-1.6	-111	-8.5	-6.8	-1.1	-8.1
-110.9	4.4	3.5	1.4	-6.7	-110.9	-9.2	-9.0	0.2	-1.5	-110.9	-8.4	-6.6	-0.7	-8.1
-110.8	4.5	3.4	1.4	-6.8	-110.8	-9.6	-9.2	0.0	-1.7	-110.8	-8.3	-6.9	-0.6	-8.6
-110.7	4.6	3.4	1.3	-6.9	-110.7	-9.4	-9.4	0.2	-1.5	-110.7	-7.7	-6.6	-0.7	-8.8
-110.6	4.6	3.4	1.6	-6.8	-110.6	-9.3	-8.5	0.1	-1.5	-110.6	-8.2	-6.6	-0.5	-8.5
-110.5	4.7	3.4	1.5	-6.5	-110.5	-8.8	-8.8	0.4	-1.2	-110.5	-8.4	-7.1	-0.6	-9.3
-110.4	4.8	3.5	1.7	-6.6	-110.4	-8.7	-8.6	0.4	-1.4	-110.4	-8.0	-6.5	-0.5	-8.9
-110.3	4.8	3.3	1.8	-6.8	-110.3	-8.7	-9.1	0.3	-1.2	-110.3	-7.5	-6.9	-0.6	-9.1
-110.2	4.9	3.4	1.8	-7.0	-110.2	-8.2	-8.6	0.5	-1.3	-110.2	-8.0	-7.1	-0.6	-9.1
-110.1	5.1	3.5	1.9	-7.1	-110.1	-8.2	-8.2	0.5	-1.3	-110.1	-8.2	-7.1	-0.6	-9.8
-110	5.0	3.4	2.0	-7.0	-110	-8.0	-8.8	0.3	-1.2	-110	-7.0	-7.0	-0.2	-8.6
-109.9	5.2	3.4	2.0	-6.8	-109.9	-8.2	-8.9	0.5	-1.0	-109.9	-7.2	-6.3	-0.5	-9.2
-109.8	5.2	3.2	2.1	-6.6	-109.8	-7.1	-8.5	0.3	-1.1	-109.8	-7.5	-6.9	-0.6	-9.4
-109.7	5.3	3.3	2.1	-7.1	-109.7	-6.8	-8.4	0.5	-1.0	-109.7	-6.8	-6.7	-0.4	-9.3
-109.6	5.3	3.2	2.2	-6.4	-109.6	-6.8	-8.3	0.4	-0.8	-109.6	-7.2	-7.1	-0.3	-10.0
-109.5	5.4	3.2	2.3	-6.6	-109.5	-6.6	-8.0	0.4	-0.8	-109.5	-6.9	-6.8	-0.3	-9.5
-109.4	5.4	3.2	2.3	-6.6	-109.4	-6.8	-8.2	0.3	-0.7	-109.4	-7.0	-6.9	-0.5	-9.5
-109.3	5.5	3.2	2.5	-6.4	-109.3	-6.0	-8.0	0.3	-0.7	-109.3	-6.6	-6.5	-0.6	-9.5
-109.2	5.5	3.1	2.5	-6.6	-109.2	-6.1	-8.3	0.4	-0.7	-109.2	-6.7	-6.3	-0.4	-9.6
-109.1	5.4	3.1	2.5	-6.6	-109.1	-5.7	-7.7	0.6	-0.5	-109.1	-6.7	-6.7	-0.3	-9.6
-109	5.4	2.9	2.8	-6.5	-109	-5.2	-8.0	0.5	-0.6	-109	-6.6	-6.2	-0.2	-9.8
-108.9	5.5	3.0	2.8	-6.0	-108.9	-5.3	-8.0							

-105.9	6.2	2.2	4.3	-4.2
-105.8	6.2	2.3	4.4	-4.1
-105.7	6.3	2.4	4.5	-4.2
-105.6	6.3	2.3	4.6	-4.1
-105.5	6.3	2.2	4.6	-4.0
-105.4	6.4	2.5	4.6	-4.1
-105.3	6.4	2.2	4.7	-4.3
-105.2	6.5	2.3	4.7	-3.9
-105.1	6.5	2.2	4.9	-4.2
-105	6.5	2.4	4.9	-4.0
-104.9	6.5	2.4	5.0	-4.2
-104.8	6.7	2.3	4.9	-3.9
-104.7	6.6	2.4	4.9	-4.3
-104.6	6.6	2.3	4.9	-3.8
-104.5	6.7	2.3	5.0	-3.7
-104.4	6.6	2.4	5.0	-4.1
-104.3	6.6	2.2	5.1	-3.8
-104.2	6.7	2.2	5.3	-3.4
-104.1	6.8	2.3	5.2	-3.3
-104	6.8	2.1	5.2	-3.3
-103.9	6.8	2.2	5.2	-3.1
-103.8	6.8	2.3	5.3	-3.2
-103.7	6.8	2.1	5.3	-3.2
-103.6	6.8	2.2	5.3	-3.2
-103.5	6.8	2.1	5.4	-3.0
-103.4	6.8	2.0	5.5	-2.9
-103.3	6.8	1.9	5.5	-2.9
-103.2	6.7	2.0	5.5	-2.9
-103.1	6.7	2.0	5.6	-2.9
-103	6.7	1.9	5.6	-2.7
-102.9	6.8	2.0	5.8	-2.8
-102.8	6.8	2.0	5.9	-2.5
-102.7	6.8	1.9	5.9	-2.5
-102.6	6.8	2.1	5.9	-2.5
-102.5	6.8	1.9	6.1	-2.4
-102.4	6.8	2.1	6.2	-2.4
-102.3	6.9	2.1	6.2	-2.3
-102.2	6.9	2.0	6.4	-2.3
-102.1	6.9	2.0	6.4	-2.4
-102	6.9	2.0	6.5	-2.3
-101.9	6.9	2.0	6.5	-2.3
-101.8	7.0	2.2	6.6	-2.1
-101.7	7.0	2.1	6.6	-2.1
-101.6	6.9	2.2	6.7	-2.2
-101.5	6.9	2.1	6.7	-1.8
-101.4	7.0	2.2	6.8	-2.2
-101.3	7.1	2.4	6.8	-2.1
-101.2	7.0	2.6	6.9	-1.9
-101.1	7.0	2.4	6.9	-2.1
-101	7.1	2.5	6.9	-1.9
-100.9	7.1	2.6	7.0	-1.9
-100.8	7.1	2.5	7.0	-1.8
-100.7	7.1	2.6	7.1	-1.8
-100.6	7.1	2.6	7.2	-1.8
-100.5	7.2	2.7	7.2	-1.9
-100.4	7.1	2.6	7.2	-1.9
-100.3	7.1	2.7	7.3	-1.9
-100.2	7.1	2.6	7.4	-1.7
-100.1	7.1	2.4	7.4	-1.8
-100	7.2	2.4	7.5	-1.7
-99.9	7.1	2.5	7.5	-1.8
-99.8	7.1	2.3	7.6	-1.8
-99.7	7.2	2.4	7.5	-1.4
-99.6	7.2	2.2	7.7	-1.8
-99.5	7.1	2.4	7.7	-1.9
-99.4	7.1	2.2	7.8	-1.6
-99.3	7.2	2.2	7.8	-1.7
-99.2	7.2	2.2	7.9	-1.5
-99.1	7.2	2.1	8.0	-2.0
-99	7.2	2.2	8.0	-1.8
-98.9	7.3	2.0	8.0	-1.6
-98.8	7.3	2.0	8.2	-1.8
-98.7	7.3	1.9	8.2	-1.9
-98.6	7.4	2.2	8.2	-1.6
-98.5	7.2	2.1	8.3	-1.6
-98.4	7.3	2.2	8.4	-1.7
-98.3	7.4	2.0	8.4	-1.5
-98.2	7.3	2.0	8.5	-1.3
-98.1	7.4	2.0	8.6	-1.4
-98	7.4	2.0	8.6	-1.4
-97.9	7.4	1.9	8.7	-1.0
-97.8	7.5	1.9	8.7	-1.0
-97.7	7.5	1.9	8.8	-1.2
-97.6	7.5	2.0	8.9	-0.8
-97.5	7.5	2.1	8.9	-1.0
-97.4	7.6	2.0	8.9	-0.9
-97.3	7.6	2.0	8.9	-0.8
-97.2	7.6	2.0	9.0	-0.8
-97.1	7.7	2.0	9.0	-1.0
-97	7.6	1.8	9.1	-0.8
-96.9	7.7	1.9	9.1	-0.5
-96.8	7.7	1.7	9.1	-0.7
-96.7	7.7	1.8	9.1	-0.5
-96.6	7.8	1.8	9.2	-0.3
-96.5	7.7	1.7	9.2	-0.2
-96.4	7.8	1.8	9.3	-0.3
-96.3	7.7	1.7	9.3	-0.2
-96.2	7.8	1.8	9.3	-0.3
-96.1	7.8	1.6	9.3	0.0
-96	7.7	1.7	9.5	0.1
-95.9	7.7	1.6	9.5	0.1
-95.8	7.7	1.5	9.6	0.2
-95.7	7.7	1.5	9.6	0.1
-95.6	7.8	1.4	9.7	0.4
-95.5	7.7	1.5	9.8	0.2
-95.4	7.7	1.3	9.7	0.5
-95.3	7.7	1.3	9.8	0.3
-95.2	7.7	1.1	9.9	0.4
-95.1	7.7	1.3	9.9	0.4
-95	7.8	1.1	9.9	0.5
-94.9	7.7	1.1	10.0	0.6
-94.8	7.7	1.1	10.0	0.4
-94.7	7.7	1.0	10.0	0.6
-94.6	7.6	0.8	10.1	0.6
-94.5	7.7	1.0	10.1	0.4
-94.4	7.7	0.7	10.1	0.5
-94.3	7.6	0.8	10.3	0.6
-94.2	7.6	0.6	10.3	0.6
-94.1	7.6	0.6	10.4	0.6
-94	7.5	0.5	10.4	0.4
-93.9	7.5	0.5	10.5	0.5
-93.8	7.6	0.4	10.5	0.5
-93.7	7.6	0.4	10.5	0.5
-93.6	7.6	0.3	10.5	0.5

-105.9	-0.6	-7.5	0.5	0.4
-105.8	-0.4	-7.2	0.6	0.3
-105.7	-0.5	-7.5	0.7	0.3
-105.6	-0.4	-7.3	0.6	0.4
-105.5	-0.5	-7.5	0.7	0.5
-105.4	-0.4	-7.0	0.7	0.4
-105.3	-0.3	-7.2	0.7	0.4
-105.2	-0.2	-6.6	0.8	0.3
-105.1	-0.1	-6.5	1.0	0.5
-105	-0.1	-6.3	0.9	0.2
-104.9	-0.1	-6.3	0.8	0.3
-104.8	0.0	-6.2	1.0	0.3
-104.7	-0.1	-6.1	1.0	0.2
-104.6	0.1	-5.9	1.1	0.4
-104.5	0.2	-5.5	1.1	0.4
-104.4	0.0	-5.6	1.0	0.4
-104.3	0.3	-5.6	1.2	0.5
-104.2	0.3	-5.4	1.4	0.4
-104.1	0.4	-5.0	1.4	0.6
-104	0.3	-5.5	1.5	0.6
-103.9	0.5	-4.9	1.7	0.6
-103.8	0.4	-5.0	1.6	0.6
-103.7	0.5	-5.2	1.9	0.7
-103.6	0.5	-5.1	1.9	0.8
-103.5	0.5	-5.2	1.9	0.7
-103.4	0.5	-4.7	2.0	0.8
-103.3	0.6	-5.1	2.2	0.8
-103.2	0.5	-5.0	2.1	0.9
-103.1	0.8	-5.1	2.3	0.9
-103	0.8	-5.1	2.2	0.9
-102.9	0.8	-5.4	2.5	0.9
-102.8	0.7	-5.3	2.3	0.9
-102.7	0.9	-5.5	2.5	1.0
-102.6	0.9	-5.3	2.4	1.0
-102.5	1.1	-5.4	2.5	1.0
-102.4	1.2	-5.5	2.5	1.0
-102.3	1.3	-5.4	2.5	1.1
-102.2	1.4	-5.4	2.6	1.1
-102.1	1.6	-5.3	2.5	1.0
-102	1.7	-5.5	2.5	1.2
-101.9	1.9	-5.6	2.5	1.2
-101.8	2.1	-5.5	2.7	1.0
-101.7	1.9	-5.7	2.6	1.3
-101.6	2.0	-5.3	2.7	1.4
-101.5	2.2	-5.3	2.7	1.2
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-101.3	2.2	-5.0	2.8	1.4
-101.2	2.2	-4.6	2.9	1.5
-101.1	2.4	-4.2	2.9	1.4
-101	2.2	-4.5	2.9	1.5
-100.9	2.3	-3.9	3.0	1.6
-100.8	2.3	-4.1	3.2	1.7
-100.7	2.3	-3.4	3.1	1.8
-100.6	2.3	-3.6	3.2	1.9
-100.5	2.4	-3.3	3.1	1.8
-100.4	2.4	-3.1	3.3	2.1
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-100.2	2.5	-2.7	3.4	2.2
-100.1	2.5	-2.5	3.5	2.3
-100	2.7	-2.5	3.5	2.3
-99.9	2.7	-2.6	3.6	2.4
-99.8	2.7	-2.3	3.5	2.5
-99.7	2.8	-2.4	3.6	2.5
-99.6	2.8	-2.3	3.5	2.5
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-99.4	2.9	-2.1	3.6	2.8
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-99.2	3.0	-2.2	3.7	2.9
-99.1	3.1	-2.3	3.8	2.9
-99	3.1	-1.9	3.8	2.9
-98.9	3.1	-2.2	3.9	3.0
-98.8	3.2	-2.2	4.0	3.1
-98.7	3.2	-2.4	4.1	3.2
-98.6	3.1	-2.4	4.1	3.2
-98.5	3.2	-2.3	4.1	3.4
-98.4	3.3	-2.4	4.1	3.3
-98.3	3.3	-2.3	4.3	3.3
-98.2	3.4	-2.5	4.3	3.4
-98.1	3.4	-2.5	4.3	3.5
-98	3.5	-2.4	4.3	3.5
-97.9	3.4	-2.6	4.3	3.6
-97.8	3.7	-2.3	4.4	3.8
-97.7	3.8	-2.4	4.3	3.8
-97.6	3.8	-2.5	4.4	3.9
-97.5	3.9	-2.5	4.4	3.9
-97.4	4.1	-2.4	4.5	4.0
-97.3	4.2	-2.5	4.4	4.1
-97.2	4.3	-2.2	4.5	4.1
-97.1	4.4	-2.2	4.5	4.2
-97	4.5	-2.2	4.6	4.2
-96.9	4.5	-1.9	4.7	4.3
-96.8	4.6	-2.4	4.6	4.5
-96.7	4.6	-2.1	4.7	4.5
-96.6	4.8	-2.0	4.8	4.6
-96.5	4.9	-2.1	4.9	4.6
-96.4	5.0	-2.0	5.0	4.6
-96.3	5.0	-1.7	5.0	4.7
-96.2	5.2	-1.6	5.0	4.8
-96.1	5.2	-1.6	5.1	4.9
-96	5.3	-1.5	5.1	4.9
-95.9	5.3	-1.7	5.0	5.0
-95.8	5.4	-1.6	5.1	4.8
-95.7	5.4	-1.6	5.3	5.0
-95.6	5.5	-1.5	5.2	5.0
-95.5	5.5	-1.4	5.3	5.1
-95.4	5.6	-1.6	5.3	5.0
-95.3	5.6	-1.6	5.3	5.3
-95.2	5.7	-1.3	5.3	5.2
-95.1	5.7	-1.3	5.4	5.2
-95	5.7	-1.3	5.4	5.2
-94.9	5.8	-1.3	5.5	5.3
-94.8	5.8	-1.1	5.5	5.2
-94.7	5.9	-1.1	5.6	5.2
-94.6	5.9	-1.1	5.5	5.3
-94.5	5.8	-1.0	5.5	5.3
-94.4	5.9	-1.0	5.6	5.3
-94.3	5.9	-1.1	5.5	5.3
-94.2	6.0	-0.8	5.6	5.5
-94.1	6.0	-1.1	5.6	5.3
-94	6.1	-0.9	5.7	5.3
-93.9	6.2	-0.8	5.6	5.4
-93.8	6.2	-0.8	5.7	5.4
-93.7	6.1	-0.7	5.6	5.3
-93.6	6.3	-0.6	5.6	5.3

-105.9	-4.2	-4.4	0.3	-10.3
-105.8	-4.0	-4.0	0.3	-10.0
-105.7	-3.9	-4.1	0.4	-9.9
-105.6	-4.0	-4.0	0.3	-10.0
-105.5	-4.0	-3.8	0.4	-10.5
-105.4	-3.6	-4.1	0.2	-10.1
-105.3	-3.7	-3.8	0.2	-10.9
-105.2	-3.7	-3.8	0.4	-10.1
-105.1	-3.6	-3.9	0.4	-10.1
-105	-3.7	-3.9	0.5	-10.1
-104.9	-3.3	-3.8	0.5	-11.1
-104.8	-3.6	-4.0	0.8	-10.1
-104.7	-3.3	-3.7	0.8	-10.7
-104.6	-3.6	-3.9	0.8	-10.7
-104.5	-3.3	-3.4	0.7	-11.6
-104.4	-3.3	-3.4	0.8	-10.6
-104.3	-3.1	-3.4	0.7	-11.4
-104.2	-2.9	-3.3	1.0	-11.1
-104.1	-3.1	-3.0	0.9	-11.1
-104	-3.2	-3.0	1.1	-11.2
-103.9	-3.0	-2.8	1.1	-11.6
-103.8	-2.9	-3.1	1.3	-11.5
-103.7	-3.0	-2.7	1.2	-12.5
-103.6	-2.8	-2.6	1.4	-11.9
-103.5	-2.8	-2.7	1.5	-12.1
-103.4	-3.0	-2.7	1.6	-11.8
-103.3	-3.0	-2.6	1.5	-12.5
-103.2	-2.9	-2.6	1.6	-11.6
-103.1	-2.8	-2.5	1.7	-11.8
-103	-2.8	-2.6	1.6	-11.6
-102.9	-3.1	-2.6	1.7	-11.7
-102.8	-3.1	-2.3	1.7	-11.6
-102.7	-2.8	-2.2	1.8	-11.1
-102.6	-2.9	-2.3	1.7	-10.8
-102.5	-2.8	-2.2	1.6	-11.4
-102.4	-2.8	-2.3	1.7	-11.2
-102.3	-2.7	-2.1	1.8	-11.0
-102.2	-2.5	-2.0	1.9	-10.8
-102.1	-2.3	-2.0	1.9	-10.4
-102	-2.2	-2.0	1.9	-10.8
-101.9	-2.2	-2.0	2.0	-10.9
-101.8	-2.0	-2.0	2.1	-10.8
-101.7	-1.7	-2.1	2.1	-11.0
-101.6	-1.7	-1.9	2.1	-10.6
-101.5	-1.7	-2.0	2.2	-10.4
-101.4	-1.7	-2.0	2.1	-10.7
-101.3	-1.7	-2.0	2.4	-10.7
-101.2	-1.7	-2.0	2.3	-11.0
-101.1	-1.7	-2.1	2.4	-10.8
-101	-1.7	-1.9	2.5	-10.5
-100.9	-1.9	-2.0	2.5	-11.1
-100.8	-1.8	-2.2	2.5	-10.8
-100.7	-2.0	-2.1	2.6	-11.4
-100.6	-1.8	-2.0	2.7	-10.9
-100.5	-1.9	-1.8	2.7	-11.0
-100.4	-1.7	-1.9	2.6	-11.8
-100.3	-1.6	-1.7	2.8	-12.2
-100.2	-1.5	-1.5	2.8	-11.9
-100.1	-1.3	-1.6	2.8	-12.3
-100	-1.1	-1.5	2.9	-12.2
-99.9	-0.9	-1.4	2.8	-13.1
-99.8	-0.6	-1.4	2.8	-13.5
-99.7	-0.4	-1.3	2.9	-13.3
-99.6	-0.2	-1.4	3.1	-13.3
-99.5	-0.2	-1.3	3.0	-14.0
-99.4	-0.1	-1.4	3.0	-14.1
-99.3	-0.1	-1.4	3.0	-15.1
-99.2	-0.2	-1.1	2.9	-14.7
-99.1	-0.1	-1.2	3.1	-14.4
-99	0.2	-1.1	3.1	-13.9
-98.9	0.2	-1.2	3.2	-14.8
-98.8	0.2	-1.1	3.2	-14.7
-98.7	0.3	-1.1	3.2	-14.0
-98.6	0.3	-1.0	3.2	-13.9
-98.5	0.4	-0.9	3.2	-14.4
-98.4	0.5	-0.9	3.2	-13.6
-98.3	0.5	-0.7	3.3	-13.2
-98.2	0.8	-0.6	3.3	-13.3
-98.1	0.5	-0.6	3.3	-12.7
-98	0	-0.6	3.1	-12.6
-97.9	1.0	-0.4	3.2	-12.4
-97.8	0.9	-0.4	3.2	-12.4
-97.7	1.0	-0.3	3.3	-12.5
-97.6	1.0	-0.2	3.3	-11.8
-97.5	1.3	-0.1	3.3	-11.9
-97.4	1.5	0.0	3.5	-11.6
-97.3	1.4	0.1	3.5	-11.8
-97.2	1.6	0.3	3.5	-11.3
-97.1	1.8	0.1	3.5	-10.4
-97	1.7	0.2	3.4	-11.0
-96.9	1.8	0.2	3.5	-10.2
-96.8	1.9	0.4	3.5	-10.2
-96.7	2.0	0.7	3.5	-9.8
-96.6	2.1	0.5	3.6	-9.9
-96.5	2.4	0.6	3.6	-9.4
-96.4	2.3	0.6	3.7	-9.5
-96.3	2.4	0.8	3.7	-10.1
-96.2	2.5	0.8	3.6	-9.2
-96.1	2.6	0.7	3.6	-8.9
-96	2.7	0.9	3.9	-8.6
-95.9	2.8	0.9	3.8	-8.5
-95.8	3.0	1.1	3.8	-8.9
-95.7	3.0	1.1	3.7	-8.2
-95.6	3.1	1.1	3.8	-8.1
-95.5	3.3	1.1	3.9	-8.7
-95.4	3.3	1.1	3.8	-8.2
-95.3	3.5	1.2	3.8	-8.1
-95.2	3.6	1.4	3.9	-8.3
-95.1	3.5	1.3	3.8	-8.2
-95	3.6	1.3	3.9	-8.3
-94.9	3.7	1.3	3.9	-8.0
-94.8	3.9	1.3	3.9	-7.4
-94.7	3.9	1.6	4.0	-7.6
-94.6	4.0	1.5	3.9	-7.6
-94.5	4.1	1.6	3.9	-7.5
-94.4	4.1	1.7	4.1	-7.2
-94.3	4.4	1.7	4.0	-6.8
-94.2	4.3	1.7	4.0	-7.0
-94.1	4.4	1.8	4.1	-7.4
-94	4.4	1.7	4.1	-6.8
-93.9	4.6	1.8	4.1	-6.4
-93.8	4.7	2.0	4.2	-6.5
-93.7	4.6	2.2	4.3	-6.8
-93.6	4.8	2.1	4.2	-6.3

-93.5	7.6	0.2	10.6	0.4
-93.4	7.6	0.2	10.6	0.4
-93.3	7.6	0.2	10.7	0.5
-93.2	7.6	0.3	10.7	0.4
-93.1	7.7	0.0	10.8	0.4
-93	7.6	-0.2	10.9	0.4
-92.9	7.7	-0.1	10.9	0.5
-92.8	7.7	-0.1	10.9	0.6
-92.7	7.6	-0.2	11.0	0.4
-92.6	7.7	-0.3	11.0	0.4
-92.5	7.8	-0.4	11.1	0.4
-92.4	7.7	-0.6	11.2	0.5
-92.3	7.6	-0.6	11.2	0.5
-92.2	7.7	-0.6	11.3	0.6
-92.1	7.7	-0.8	11.4	0.6
-92	7.8	-1.1	11.4	0.6
-91.9	7.8	-0.9	11.4	0.6
-91.8	7.7	-1.1	11.5	0.7
-91.7	7.7	-1.4	11.5	0.7
-91.6	7.7	-1.4	11.6	0.8
-91.5	7.7	-1.4	11.6	0.8
-91.4	7.7	-1.6	11.7	1.0
-91.3	7.7	-1.9	11.7	0.7
-91.2	7.7	-1.8	11.8	1.0
-91.1	7.7	-2.0	11.8	1.1
-91	7.7	-2.3	11.8	0.9
-90.9	7.7	-2.5	11.9	1.0
-90.8	7.6	-2.7	12.0	0.9
-90.7	7.7	-2.4	12.0	1.0
-90.6	7.7	-2.7	12.0	0.8
-90.5	7.6	-2.9	12.1	1.0
-90.4	7.5	-3.2	12.2	1.0
-90.3	7.5	-3.1	12.2	0.9
-90.2	7.5	-3.3	12.2	0.9
-90.1	7.4	-3.7	12.2	0.9
-90	7.4	-3.6	12.3	0.9
-89.9	7.4	-3.8	12.4	1.0
-89.8	7.3	-4.3	12.4	1.1
-89.7	7.3	-4.1	12.5	1.2
-89.6	7.4	-4.3	12.5	1.3
-89.5	7.2	-4.4	12.6	1.4
-89.4	7.3	-4.5	12.6	1.3
-89.3	7.2	-4.4	12.6	1.3
-89.2	7.3	-4.7	12.6	1.3
-89.1	7.2	-4.8	12.7	1.4
-89	7.3	-4.9	12.7	1.6
-88.9	7.2	-5.0	12.7	1.6
-88.8	7.2	-5.3	12.7	1.8
-88.7	7.2	-5.1	12.8	1.7
-88.6	7.2	-5.3	12.8	1.7
-88.5	7.2	-5.8	12.8	1.9
-88.4	7.2	-5.6	12.9	2.0
-88.3	7.1	-6.0	12.9	1.9
-88.2	7.1	-5.4	12.9	2.1
-88.1	7.0	-5.7	12.9	2.1
-88	7.0	-5.7	13.0	2.0
-87.9	6.9	-5.6	13.0	2.3
-87.8	6.9	-5.6	13.1	2.3
-87.7	6.8	-5.4	13.1	2.4
-87.6	6.8	-5.4	13.1	2.5
-87.5	6.7	-5.3	13.1	2.5
-87.4	6.6	-5.6	13.1	2.6
-87.3	6.6	-5.5	13.1	2.5
-87.2	6.5	-5.1	13.2	2.8
-87.1	6.3	-5.0	13.2	2.7
-87	6.3	-5.1	13.2	2.7
-86.9	6.2	-5.2	13.2	2.7
-86.8	6.1	-4.6	13.2	2.8
-86.7	6.1	-4.7	13.2	2.8
-86.6	5.9	-4.8	13.2	2.8
-86.5	5.8	-4.5	13.3	2.8
-86.4	5.8	-4.3	13.2	2.6
-86.3	5.6	-4.0	13.3	2.8
-86.2	5.6	-3.9	13.3	2.7
-86.1	5.4	-3.7	13.4	2.8
-86	5.3	-3.5	13.3	2.7
-85.9	5.2	-3.1	13.3	2.7
-85.8	5.1	-3.2	13.4	2.7
-85.7	4.9	-2.7	13.4	2.8
-85.6	4.9	-3.0	13.4	2.7
-85.5	4.8	-2.3	13.4	2.9
-85.4	4.6	-2.4	13.4	2.8
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-85.2	4.3	-2.1	13.5	2.9
-85.1	4.2	-1.9	13.4	3.0
-85	4.0	-1.5	13.5	3.0
-84.9	3.8	-1.5	13.5	3.0
-84.8	3.5	-1.0	13.5	3.0
-84.7	3.4	-0.8	13.6	3.2
-84.6	3.2	-0.7	13.6	3.2
-84.5	2.9	-0.3	13.6	3.3
-84.4	2.8	-0.3	13.6	3.2
-84.3	2.7	0.0	13.6	3.4
-84.2	2.3	0.1	13.6	3.6
-84.1	2.1	0.4	13.6	3.4
-84	1.9	0.5	13.6	3.6
-83.9	1.6	0.8	13.6	3.6
-83.8	1.4	0.8	13.6	3.7
-83.7	1.4	1.0	13.6	3.7
-83.6	0.9	1.4	13.6	3.7
-83.5	0.6	1.4	13.6	3.8
-83.4	0.6	1.7	13.6	3.9
-83.3	0.3	1.8	13.6	3.9
-83.2	0.2	1.8	13.6	3.8
-83.1	-0.1	2.2	13.6	3.8
-83	-0.4	2.3	13.6	3.8
-82.9	-0.6	2.5	13.6	3.8
-82.8	-1.1	2.7	13.6	3.8
-82.7	-1.4	2.8	13.6	3.8
-82.6	-1.9	3.0	13.6	3.8
-82.5	-2.0	3.2	13.5	3.8
-82.4	-2.1	3.3	13.5	3.9
-82.3	-2.6	3.6	13.5	3.8
-82.2	-3.0	3.6	13.5	3.9
-82.1	-3.4	3.8	13.5	3.8
-82	-3.8	3.9	13.5	3.9
-81.9	-4.5	4.1	13.6	3.8
-81.8	-5.0	4.1	13.5	3.9
-81.7	-5.3	4.3	13.5	3.9
-81.6	-5.3	4.3	13.5	3.7
-81.5	-6.8	4.4	13.6	3.7
-81.4	-7.1	4.4	13.5	3.5
-81.3	-8.2	4.6	13.6	3.6
-81.2	-9.1	4.7	13.6	3.5

-93.5	6.4	-0.6	5.5	5.3
-93.4	6.5	-0.4	5.6	5.3
-93.3	6.6	-0.3	5.7	5.3
-93.2	6.7	-0.3	5.8	5.3
-93.1	6.7	-0.3	5.7	5.1
-93	6.9	-0.4	5.8	5.2
-92.9	6.9	-0.4	5.8	5.3
-92.8	7.0	-0.4	5.9	5.3
-92.7	6.9	-0.4	6.0	5.3
-92.6	7.1	-0.2	5.9	5.2
-92.5	7.1	-0.1	6.0	5.3
-92.4	7.2	-0.4	6.0	5.2
-92.3	7.3	-0.2	6.0	5.3
-92.2	7.4	-0.3	5.9	5.3
-92.1	7.3	-0.2	6.1	5.4
-92	7.4	-0.3	6.0	5.2
-91.9	7.5	-0.4	6.1	5.3
-91.8	7.5	-0.2	6.0	5.3
-91.7	7.6	-0.2	6.1	5.4
-91.6	7.6	-0.1	6.1	5.2
-91.5	7.6	-0.1	6.1	5.2
-91.4	7.7	-0.1	6.1	5.2
-91.3	7.7	-0.2	6.1	5.2
-91.2	7.8	-0.3	6.1	5.2
-91.1	7.8	-0.4	6.0	5.1
-91	7.9	-0.3	6.0	5.1
-90.9	7.8	-0.7	6.0	5.1
-90.8	7.9	-0.4	6.0	5.1
-90.7	7.9	-0.5	5.9	5.3
-90.6	8.0	-0.5	5.9	5.2
-90.5	8.0	-0.5	6.0	5.2
-90.4	8.0	-0.4	6.0	5.1
-90.3	8.0	-0.7	5.9	5.1
-90.2	8.2	-0.6	5.9	5.1
-90.1	8.2	-0.7	6.0	5.0
-90	8.2	-0.8	6.0	5.1
-89.9	8.3	-1.0	6.0	5.1
-89.8	8.4	-0.7	6.0	4.9
-89.7	8.5	-0.7	6.0	4.9
-89.6	8.5	-0.8	6.0	4.9
-89.5	8.6	-0.9	6.3	4.8
-89.4	8.7	-0.8	6.2	4.8
-89.3	8.8	-0.8	6.3	4.8
-89.2	8.9	-0.9	6.3	4.9
-89.1	9.0	-0.8	6.3	4.8
-89	9.0	-0.9	6.4	4.8
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-88.8	9.1	-0.8	6.5	4.7
-88.7	9.1	-1.1	6.6	4.7
-88.6	9.2	-1.0	6.6	4.8
-88.5	9.2	-1.2	6.7	4.7
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-88.3	9.3	-1.3	6.7	4.6
-88.2	9.3	-1.4	6.8	4.6
-88.1	9.3	-1.4	6.8	4.6
-88	9.4	-1.7	6.9	4.7
-87.9	9.4	-1.7	6.9	4.5
-87.8	9.5	-1.6	7.0	4.5
-87.7	9.5	-1.7	7.0	4.5
-87.6	9.5	-1.9	7.0	4.5
-87.5	9.5	-1.9	7.0	4.6
-87.4	9.5	-1.7	7.1	4.5
-87.3	9.5	-1.9	7.0	4.5
-87.2	9.6	-2.1	7.2	4.5
-87.1	9.6	-2.0	7.1	4.5
-87	9.6	-2.0	7.1	4.6
-86.9	9.6	-2.0	7.1	4.4
-86.8	9.7	-2.0	7.2	4.5
-86.7	9.7	-2.2	7.2	4.6
-86.6	9.7	-2.1	7.3	4.5
-86.5	9.8	-2.1	7.4	4.4
-86.4	9.7	-2.2	7.3	4.3
-86.3	9.8	-2.1	7.3	4.3
-86.2	9.9	-2.1	7.4	4.3
-86.1	9.9	-2.4	7.4	4.2
-86	9.9	-2.3	7.5	4.2
-85.9	9.9	-2.4	7.5	4.1
-85.8	10.0	-2.5	7.6	4.1
-85.7	10.0	-2.3	7.7	4.1
-85.6	10.1	-2.7	7.7	4.0
-85.5	10.0	-2.9	7.7	3.8
-85.4	10.1	-2.9	7.7	3.8
-85.3	10.1	-2.9	7.8	3.9
-85.2	10.1	-3.2	7.9	3.9
-85.1	10.1	-3.5	7.9	3.8
-85	10.1	-3.8	8.0	3.8
-84.9	10.1	-4.2	8.1	3.8
-84.8	10.2	-4.3	8.1	3.8
-84.7	10.2	-4.5	8.2	3.7
-84.6	10.1	-4.9	8.3	3.8
-84.5	10.2	-5.4	8.4	3.8
-84.4	10.2	-5.7	8.5	3.8
-84.3	10.1	-6.0	8.6	3.6
-84.2	10.2	-6.6	8.6	3.7
-84.1	10.2	-6.6	8.7	3.7
-84	10.2	-7.2	8.7	3.7
-83.9	10.2	-7.8	8.8	3.8
-83.8	10.2	-7.8	8.8	3.7
-83.7	10.2	-8.5	8.8	3.8
-83.6	10.3	-9.1	8.9	3.8
-83.5	10.2	-9.4	8.9	3.9
-83.4	10.2	-10.0	9.0	3.8
-83.3	10.2	-10.6	9.1	3.8
-83.2	10.2	-10.4	9.1	3.9
-83.1	10.2	-11.1	9.2	3.9
-83	10.2	-11.9	9.1	3.9
-82.9	10.2	-12.5	9.2	3.9
-82.8	10.3	-12.9	9.3	3.8
-82.7	10.2	-13.1	9.3	3.8
-82.6	10.2	-14.4	9.3	3.8
-82.5	10.2	-14.5	9.4	3.7
-82.4	10.2	-14.0	9.4	3.7
-82.3	10.2	-15.3	9.4	3.8
-82.2	10.2	-15.3	9.5	3.9
-82.1	10.2	-15.6	9.5	3.8
-82	10.1	-15.3	9.6	3.8
-81.9	10.0	-13.8	9.5	3.8
-81.8	10.0	-14.2	9.7	3.9
-81.7	10.0	-14.9	9.7	3.8
-81.6	10.0	-13.3	9.7	3.7
-81.5	9.9	-12.6	9.7	3.7
-81.4	9.8	-11.5	9.8	3.6
-81.3	9.8	-11.4	9.8	3.8
-81.2	9.7	-10.2	9.8	3.6

-93.5	4.9	2.1	4.3	-6.2
-93.4	4.9	2.1	4.3	-5.9
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-93.2	5.1	2.3	4.5	-5.7
-93.1	5.1	2.2	4.4	-5.2
-93	5.2	2.4	4.5	-5.1
-92.9	5.2	2.2	4.7	-5.2
-92.8	5.3	2.5	4.8	-5.0
-92.7	5.5	2.6	4.8	-4.9
-92.6	5.6	2.6	4.9	-4.8
-92.5	5.6	2.7	4.9	-5.0
-92.4	5.8	2.6	5.0	-4.7
-92.3	6.0	2.8	5.1	-4.5
-92.2	6.0	2.8	5.1	-4.2
-92.1	6.1	2.9	5.1	-4.1
-92	6.3	2.8	5.1	-4.1

-81.1	-9.9	4.7	13.5	3.5
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-80.9	-9.7	5.0	13.5	3.4
-80.8	-9.9	5.1	13.5	3.5
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-80.6	-8.7	5.3	13.4	3.4
-80.5	-7.7	5.3	13.4	3.4
-80.4	-7.4	5.4	13.4	3.4
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-80.2	-5.7	5.4	13.4	3.4
-80.1	-4.9	5.6	13.3	3.3
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-79.9	-3.5	5.8	13.3	3.2
-79.8	-2.9	5.8	13.3	3.1
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-79.6	-1.7	5.8	13.2	3.1
-79.5	-1.0	6.0	13.2	3.0
-79.4	-0.5	6.0	13.2	2.8
-79.3	0.0	6.1	13.1	2.8
-79.2	0.6	6.2	13.1	2.7
-79.1	0.9	6.1	13.0	2.7
-79	1.3	6.2	13.0	2.7
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-78.8	2.1	6.3	12.9	2.4
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-78.5	3.3	6.4	12.8	2.1
-78.4	3.6	6.4	12.8	2.0
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-78.2	4.2	6.4	12.7	1.7
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-78	4.8	6.5	12.6	1.3
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-77.8	5.4	6.5	12.5	0.9
-77.7	5.6	6.5	12.5	0.6
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-77.4	6.4	6.5	12.4	-0.1
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-77.2	6.8	6.4	12.4	-0.5
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-77	7.3	6.5	12.3	-0.7
-76.9	7.5	6.5	12.2	-1.0
-76.8	7.8	6.5	12.2	-1.1
-76.7	8.0	6.5	12.2	-1.3
-76.6	8.1	6.3	12.1	-1.5
-76.5	8.3	6.4	12.1	-1.7
-76.4	8.5	6.4	12.0	-1.9
-76.3	8.6	6.3	12.0	-2.5
-76.2	8.8	6.3	11.9	-2.7
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-76	9.1	6.2	11.9	-3.3
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-75.8	9.5	6.1	11.8	-3.9
-75.7	9.6	6.1	11.7	-4.4
-75.6	9.7	6.0	11.6	-5.0
-75.5	9.9	5.9	11.6	-5.1
-75.4	10.0	5.9	11.6	-5.8
-75.3	10.1	5.8	11.5	-6.0
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-75.1	10.3	5.6	11.4	-6.2
-75	10.4	5.6	11.4	-6.6
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-74.8	10.6	5.4	11.3	-6.9
-74.7	10.8	5.4	11.3	-6.8
-74.6	10.8	5.3	11.3	-6.8
-74.5	11.0	5.2	11.3	-6.6
-74.4	11.0	5.2	11.2	-6.5
-74.3	11.1	5.0	11.3	-6.1
-74.2	11.2	5.0	11.3	-5.6
-74.1	11.3	4.9	11.3	-5.2
-74	11.3	4.8	11.2	-4.8
-73.9	11.5	4.7	11.3	-4.4
-73.8	11.5	4.5	11.3	-3.8
-73.7	11.6	4.4	11.3	-3.4
-73.6	11.7	4.3	11.3	-3.0
-73.5	11.7	4.1	11.3	-2.9
-73.4	11.8	4.0	11.4	-2.2
-73.3	11.8	3.9	11.3	-2.0
-73.2	11.9	3.9	11.4	-1.8
-73.1	11.9	3.8	11.4	-1.3
-73	11.9	3.6	11.4	-1.0
-72.9	12.0	3.4	11.5	-0.8
-72.8	12.0	3.4	11.5	-0.6
-72.7	11.9	3.4	11.5	-0.2
-72.6	12.0	3.2	11.6	0.1
-72.5	12.0	3.1	11.6	0.3
-72.4	11.9	2.8	11.6	0.5
-72.3	11.9	2.7	11.7	1.0
-72.2	11.9	2.7	11.7	1.2
-72.1	11.8	2.6	11.7	1.4
-72	11.8	2.5	11.8	1.7
-71.9	11.7	2.5	11.7	2.0
-71.8	11.7	2.2	11.8	2.1
-71.7	11.6	2.3	11.9	2.3
-71.6	11.6	2.1	11.8	2.7
-71.5	11.4	1.9	11.8	2.8
-71.4	11.3	1.7	11.9	2.9
-71.3	11.3	1.8	11.9	3.2
-71.2	11.2	1.8	11.9	3.3
-71.1	11.0	1.5	12.0	3.6
-71	10.9	1.5	12.0	3.8
-70.9	10.8	1.5	12.0	3.9
-70.8	10.7	1.5	12.0	4.1
-70.7	10.5	1.5	12.0	4.3
-70.6	10.3	1.6	12.1	4.4
-70.5	10.2	1.5	12.1	4.6
-70.4	9.9	1.6	12.1	4.8
-70.3	9.8	1.7	12.1	5.0
-70.2	9.6	1.9	12.1	5.1
-70.1	9.4	2.0	12.1	5.1
-70	9.1	2.0	12.2	5.3
-69.9	8.8	2.2	12.2	5.4
-69.8	8.6	2.3	12.2	5.4
-69.7	8.3	2.6	12.1	5.5
-69.6	8.0	2.9	12.2	5.5
-69.5	7.6	3.0	12.2	5.6
-69.4	7.4	3.3	12.1	5.6
-69.3	7.0	3.5	12.1	5.6
-69.2	6.6	3.6	12.1	5.6
-69.1	6.1	3.9	12.1	5.7
-69	5.6	4.2	12.1	5.7
-68.9	5.1	4.4	12.0	5.7
-68.8	4.4	4.7	12.0	5.8

-81.1	9.6	-9.7	9.8	3.5
-81	9.7	-9.4	10.0	3.5
-80.9	9.6	-8.8	9.9	3.6
-80.8	9.5	-8.5	10.0	3.5
-80.7	9.4	-7.7	10.1	3.5
-80.6	9.3	-7.6	10.2	3.4
-80.5	9.2	-6.8	10.2	3.4
-80.4	9.2	-6.4	10.2	3.5
-80.3	9.1	-6.2	10.3	3.5
-80.2	8.9	-6.0	10.3	3.5
-80.1	8.8	-5.5	10.4	3.3
-80	8.7	-4.8	10.4	3.4
-79.9	8.6	-4.4	10.5	3.3
-79.8	8.5	-4.0	10.5	3.4
-79.7	8.3	-3.5	10.6	3.5
-79.6	8.3	-3.3	10.7	3.5
-79.5	8.1	-2.6	10.7	3.5
-79.4	8.0	-2.4	10.7	3.4
-79.3	7.8	-2.0	10.8	3.4
-79.2	7.7	-1.7	10.8	3.2
-79.1	7.5	-1.1	10.8	3.4
-79	7.4	-1.0	10.9	3.4
-78.9	7.2	-0.6	10.8	3.2
-78.8	7.1	-0.3	10.9	3.3
-78.7	6.9	0.1	11.0	3.2
-78.6	6.7	0.4	11.0	3.3
-78.5	6.6	0.7	11.0	3.1
-78.4	6.4	0.8	11.0	3.2
-78.3	6.2	1.3	11.0	3.1
-78.2	5.8	1.4	11.1	3.2
-78.1	5.7	1.6	11.0	3.0
-78	5.5	2.0	11.1	2.9
-77.9	5.2	2.2	11.1	2.8
-77.8	4.9	2.5	11.1	2.6
-77.7	4.6	2.7	11.2	2.6
-77.6	4.3	3.0	11.2	2.3
-77.5	4.0	3.2	11.2	2.2
-77.4	3.7	3.4	11.2	2.3
-77.3	3.4	3.6	11.3	2.1
-77.2	3.0	3.8	11.3	1.8
-77.1	2.7	3.9	11.3	1.7
-77	2.3	4.1	11.4	1.4
-76.9	1.9	4.2	11.4	1.3
-76.8	1.5	4.6	11.5	1.1
-76.7	1.0	4.6	11.5	0.9
-76.6	1.0	4.8	11.6	0.7
-76.5	0.5	4.9	11.6	0.4
-76.4	0.1	5.1	11.7	0.3
-76.3	0.0	5.3	11.7	0.0
-76.2	0.1	5.3	11.8	-0.2
-76.1	-0.1	5.5	11.8	-0.7
-76	0.1	5.8	11.9	-1.1
-75.9	0.2	5.7	11.9	-1.4
-75.8	0.2	5.8	11.9	-1.7
-75.7	0.7	6.0	11.9	-2.1
-75.6	1.1	6.0	12.0	-2.7
-75.5	1.3	6.2	12.0	-3.2
-75.4	1.7	6.2	12.0	-3.7
-75.3	2.3	6.4	12.0	-3.9
-75.2	2.7	6.4	12.0	-4.8
-75.1	3.0	6.6	12.0	-5.3
-75	3.5	6.7	12.0	-5.8
-74.9	4.0	6.8	12.0	-6.5
-74.8	4.4	6.8	12.1	-7.0
-74.7	4.9	7.0	12.1	-8.1
-74.6	5.3	7.0	12.1	-8.8
-74.5	5.7	7.1	12.1	-10.0
-74.4	6.1	7.2	12.0	-10.0
-74.3	6.4	7.3	12.1	-11.1
-74.2	6.9	7.3	12.1	-13.0
-74.1	7.1	7.4	12.0	-12.9
-74	7.4	7.5	12.0	-14.1
-73.9	7.7	7.5	12.0	-14.8
-73.8	8.0	7.5	12.0	-15.1
-73.7	8.3	7.6	12.0	-14.3
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-73.5	8.9	7.6	12.0	-13.4
-73.4	9.0	7.6	12.0	-13.4
-73.3	9.4	7.6	12.0	-12.2
-73.2	9.6	7.6	12.0	-11.2
-73.1	9.8	7.6	12.0	-10.2
-73	10.1	7.5	12.1	-9.6
-72.9	10.2	7.5	12.0	-8.9
-72.8	10.4	7.5	12.1	-7.7
-72.7	10.6	7.4	12.1	-7.2
-72.6	10.8	7.4	12.1	-6.8
-72.5	10.9	7.4	12.1	-6.3
-72.4	11.1	7.3	12.2	-5.3
-72.3	11.3	7.2	12.2	-4.8
-72.2	11.4	7.2	12.2	-4.0
-72.1	11.6	7.1	12.3	-3.5
-72	11.7	7.0	12.3	-3.3
-71.9	11.8	7.0	12.2	-2.6
-71.8	12.0	6.9	12.3	-2.0
-71.7	12.1	6.8	12.3	-1.8
-71.6	12.2	6.6	12.4	-1.3
-71.5	12.3	6.6	12.4	-1.1
-71.4	12.4	6.5	12.4	-1.0
-71.3	12.5	6.4	12.4	-0.5
-71.2	12.5	6.3	12.4	-0.1
-71.1	12.6	6.1	12.4	0.0
-71	12.6	5.9	12.4	0.4
-70.9	12.7	5.7	12.4	0.6
-70.8	12.7	5.7	12.4	1.0
-70.7	12.7	5.6	12.4	1.2
-70.6	12.8	5.3	12.4	1.5
-70.5	12.7	5.1	12.4	1.8
-70.4	12.7	5.0	12.4	2.1
-70.3	12.8	4.8	12.4	2.3
-70.2	12.7	4.6	12.5	2.5
-70.1	12.6	4.6	12.5	2.7
-70	12.7	4.3	12.5	2.9
-69.9	12.6	4.2	12.5	3.0
-69.8	12.5	4.2	12.5	3.3
-69.7	12.5	4.1	12.6	3.4
-69.6	12.4	3.9	12.5	3.5
-69.5	12.3	3.7	12.5	3.6
-69.4	12.2	3.7	12.6	3.7
-69.3	12.1	3.5	12.6	3.7
-69.2	12.0	3.6	12.6	3.9
-69.1	11.8	3.5	12.7	3.9
-69	11.7	3.4	12.7	3.9
-68.9	11.6	3.5	12.7	4.0
-68.8	11.4	3.6	12.8	4.0

-81.1	14.4	6.8	4.0	8.5
-81	14.5	6.7	4.0	8.7
-80.9	14.5	6.7	3.8	8.8
-80.8	14.5	6.7	3.8	8.8
-80.7	14.5	6.6	3.8	8.8
-80.6	14.6	6.7	3.6	8.9
-80.5	14.5	6.6	3.7	8.9
-80.4	14.6	6.6	3.6	8.9
-80.3	14.6	6.5	3.6	9.0
-80.2	14.6	6.6	3.5	9.0
-80.1	14.6	6.5	3.4	9.2
-80	14.6	6.5	3.4	9.1
-79.9	14.6	6.4	3.3	9.2
-79.8	14.6	6.2	3.2	9.2
-79.7	14.6	6.2	3.1	9.3
-79.6	14.5	6.1	3.0	9.3
-79.5	14.5	6.0	2.9	9.3
-79.4	14.5	5.9	2.8	9.3
-79.3	14.4	5.8	2.8	9.4
-79.2	14.4	5.7	2.6	9.5
-79.1	14.4	5.5	2.4	9.5
-79	14.3	5.4	2.5	9.6
-78.9	14.2	5.3	2.3	9.5
-78.8	14.2	5.3	2.2	9.6
-78.7	14.1	5.1	2.2	9.6
-78.6	14.1	4.9	1.7	9.7
-78.5	14.0	4.8	1.6	9.6
-78.4	13.9	4.6	1.7	9.6
-78.3	13.9	4.4	1.6	9.6
-78.2	13.8	4.3	1.4	9.6
-78.1	13.7	4.2	1.2	9.7
-78	13.7	4.0	1.2	9.6
-77.9	13.6	3.7	1.1	9.6
-77.8	13.5	3.7	0.9	9.6
-77.7	13.4	3.4	0.7	9.6
-77.6	13.3	3.1	0.7	9.5
-77.5	13.2	3.0	0.7	9.5
-77.4	13.1	2.8	0.4	9.5
-77.3	13.0	2.5	0.0	9.4
-77.2	12.8	2.4	0.1	9.4
-77.1	12.7	2.1	-0.1	9.3
-77	12.6	1.9	-0.2	9.2
-76.9	12.5	1.6	-0.3	9.2
-76.8	12.3	1.3	-0.5	9.2
-76.7	12.2	1.1	-0.5	9.1
-76.6	12.0	1.1	-0.7	9.1
-76.5	11.9	0.7	-0.8	9.0
-76.4	11.7	0.4	-0.9	9.0
-76.3	11.5	0.4	-1.1	8.9
-76.2	11.3	0.4	-1.1	8.8
-76.1	11.1	0.2	-1.4	8.8
-76	10.9	0.0	-1.5	8.7
-75.9	10.7	-0.1	-1.5	8.6
-75.8	10.4	-0.1	-1.9	8.6
-75.7	10.1	-0.2	-2.2	8.5
-75.6	9.9	0.0	-2.5	8.4
-75.5	9.6	0.1	-2.9	8.3
-75.4	9.2	0.1	-3.3	8.3
-75.3	8.9	0.3	-3.7	8.2
-75.2	8.6	0.4	-4.3	8.1
-75.1	8.2	0.6	-4.7	7.9
-75	7.8	0.8	-5.3	7.9
-74.9	7.3	1.2	-5.9	7.7
-74.8	6.8	1.2	-6.4	7.6
-74.7	6.3	1.5	-7.1	7.5
-74.6	5.8	1.7	-8.0	7.3
-74.5	5.3	2.0	-8.2	7.2
-74.4	4.6	2.2	-9.2	7.0
-74.3	3.9	2.5	-9.9	7.0
-74.2	3.1	2.9	-10.5	6.7
-74.1	2.5	3.0	-11.2	6.6
-74	1.3	3.2	-11.8	6.4
-73.9	0.5	3.5	-13.2	6.3
-73.8	-0.6	3.8	-12.9	6.0
-73.7	-1.8	4.0	-13.8	6.0
-73.6	-3.0	4.2	-13.4	5.9
-73.5	-4.3	4.4	-13.4	5.6
-73.4	-6.4	4.8	-12.2	5.4
-73.3	-7.8	4.9	-12.4	5.3
-73.2	-7.7	5.1	-10.7	5.0
-73.1	-7.8	5.3	-10.1	4.9
-73	-6.5	5.5	-9.6	4.7
-72.9	-5.0	5.7	-8.5	4.4
-72.8	-3.2	5.9	-7.2	4.2
-72.7	-1.9	6.1	-6.9	4.1
-72.6	-0.9	6.3	-6.2	3.8
-72.5	0.5	6.4	-5.3	3.6
-72.4	1.4	6.5	-4.5	3.3
-72.3	2.4	6.6	-3.9	3.0
-72.2	3.2	6.8	-3.3	2.7
-72.1	4.1	7.0	-2.4	2.5
-72	4.8	7.2	-2.5	2.0
-71.9	5.4	7.3	-1.8	1.8
-71.8	6.0	7.4	-1.2	1.3
-71.7	6.6	7.5	-0.7	0.9
-71.6	7.1	7.7	-0.4	0.4
-71.5	7.6	7.8	0.1	0.1
-71.4	8.1	7.9	0.4	-0.3
-71.3	8.5	8.0	0.7	-0.9
-71.2	8.9	8.1	1.2	-1.2
-71.1	9.3	8.1	1.4	-1.5
-71	9.6	8.1	1.5	-2.0
-70.9	10.0	8.2	1.9	-2.1
-70.8	10.4	8.3	2.1	-2.6
-70.7	10.7	8.3	2.5	-2.9
-70.6	11.0	8.4	2.6	-3.0
-70.5	11.3	8.4	2.9	-3.1
-70.4	11.5	8.5	3.1	-3.1
-70.3	11.7	8.5	3.2	-2.9
-70.2	12.0	8.5	3.4	-2.8
-70.1	12.2	8.6	3.7	-2.5
-70	12.4	8.6	3.8	-2.1
-69.9	12.6	8.6	4.0	-1.9
-69.8	12.7	8.6	4.2	-1.2
-69.7	12.9	8.6	4.4	-1.0
-69.6	13.0	8.5	4.5	-0.5
-69.5	13.2	8.5	4.6	-0.2
-69.4	13.3	8.5	4.8	-0.1
-69.3	13.4	8.4	5.0	0.5
-69.2	13.5	8.4	5.2	0.8
-69.1	13.6	8.3	5.2	1.0
-69	13.7	8.3	5.3	1.3
-68.9	13.7	8.1	5.4	1.5
-68.8	13.8	8.1	5.6	1.9

-68.7	3.8	4.9	12.0	5.8	-68.7	11.3	3.5	12.8	4.2	-68.7	13.9	7.9	5.6	2.3
-68.6	3.1	5.1	12.0	5.8	-68.6	11.1	3.6	12.8	4.2	-68.6	13.9	7.7	5.9	2.4
-68.5	2.3	5.4	11.9	5.8	-68.5	10.8	3.7	12.8	4.3	-68.5	13.9	7.6	5.9	2.7
-68.4	1.5	5.6	11.9	5.8	-68.4	10.5	3.7	12.9	4.4	-68.4	13.9	7.4	6.0	3.0
-68.3	0.6	5.7	11.8	5.9	-68.3	10.3	4.0	12.9	4.5	-68.3	13.9	7.3	6.2	3.3
-68.2	-0.3	6.1	11.7	5.9	-68.2	10.1	4.1	12.9	4.5	-68.2	13.9	7.1	6.2	3.3
-68.1	-1.3	6.3	11.7	5.9	-68.1	9.8	4.2	12.9	4.6	-68.1	13.9	7.0	6.3	3.5
-68	-2.1	6.5	11.6	5.8	-68	9.5	4.4	12.9	4.7	-68	13.9	6.8	6.4	3.8
-67.9	-2.9	6.8	11.6	5.9	-67.9	9.2	4.6	13.0	4.7	-67.9	13.8	6.6	6.5	3.9
-67.8	-3.2	6.9	11.5	5.8	-67.8	8.7	4.8	13.0	4.8	-67.8	13.7	6.3	6.6	4.1
-67.7	-2.9	7.1	11.4	5.7	-67.7	8.3	5.0	13.0	4.8	-67.7	13.7	6.0	6.7	4.3
-67.6	-2.1	7.3	11.3	5.6	-67.6	7.9	5.2	13.0	4.8	-67.6	13.6	5.7	6.8	4.4
-67.5	-1.1	7.5	11.2	5.7	-67.5	7.4	5.6	13.0	4.9	-67.5	13.5	5.6	6.8	4.6
-67.4	-0.3	7.7	11.0	5.5	-67.4	6.9	5.7	13.1	4.8	-67.4	13.4	5.2	6.9	4.6
-67.3	0.9	7.9	11.0	5.5	-67.3	6.3	6.0	13.1	4.9	-67.3	13.3	5.0	6.9	4.9
-67.2	2.0	8.1	10.8	5.3	-67.2	5.7	6.1	13.0	4.9	-67.2	13.2	4.7	6.9	4.9
-67.1	2.8	8.2	10.7	5.2	-67.1	5.1	6.3	13.1	4.8	-67.1	13.0	4.4	6.9	5.1
-67	3.7	8.3	10.6	5.2	-67	4.2	6.6	13.1	4.8	-67	12.9	3.9	7.0	5.0
-66.9	4.6	8.6	10.4	5.2	-66.9	3.4	6.7	13.1	4.9	-66.9	12.7	3.5	6.9	5.1
-66.8	5.5	8.7	10.3	5.0	-66.8	2.5	7.0	13.1	4.9	-66.8	12.5	3.3	6.9	5.2
-66.7	6.2	8.9	10.1	4.8	-66.7	1.2	7.2	13.1	4.9	-66.7	12.3	2.6	6.9	5.3
-66.6	7.0	9.0	10.0	4.7	-66.6	-0.1	7.4	13.1	4.9	-66.6	12.0	2.4	6.9	5.3
-66.5	7.6	9.1	9.7	4.7	-66.5	-1.4	7.6	13.0	5.0	-66.5	11.8	2.1	6.9	5.3
-66.4	8.1	9.2	9.5	4.6	-66.4	-3.0	7.8	13.1	5.0	-66.4	11.5	1.5	6.9	5.3
-66.3	8.7	9.4	9.3	4.4	-66.3	-4.9	8.0	13.0	4.9	-66.3	11.2	1.0	6.8	5.2
-66.2	9.2	9.4	9.0	4.3	-66.2	-5.9	8.1	13.1	5.1	-66.2	10.8	0.6	6.7	5.3
-66.1	9.7	9.6	8.9	4.1	-66.1	-6.0	8.3	13.0	5.1	-66.1	10.4	0.1	6.6	5.2
-66	10.2	9.7	8.7	3.9	-66	-5.0	8.6	12.9	5.1	-66	10.0	-0.6	6.6	5.1
-65.9	10.6	9.9	8.4	3.7	-65.9	-3.0	8.7	13.0	5.2	-65.9	9.6	-0.9	6.6	5.1
-65.8	11.1	10.0	8.1	3.6	-65.8	-1.2	8.8	12.9	5.2	-65.8	9.1	-1.3	6.5	5.1
-65.7	11.5	10.1	7.8	3.5	-65.7	0.4	8.9	12.9	5.3	-65.7	8.5	-1.7	6.4	4.9
-65.6	11.8	10.2	7.5	3.2	-65.6	1.9	9.1	12.9	5.3	-65.6	8.0	-1.9	6.2	4.9
-65.5	12.2	10.2	7.1	2.8	-65.5	3.3	9.2	12.8	5.3	-65.5	7.3	-1.9	6.2	4.8
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-64.8	14.4	10.6	4.9	1.3	-64.8	9.5	10.1	12.4	5.8	-64.8	-1.6	0.2	5.3	3.5
-64.7	14.6	10.6	4.4	1.2	-64.7	10.1	10.2	12.4	5.9	-64.7	-4.3	0.9	5.2	3.4
-64.6	14.9	10.7	4.0	0.9	-64.6	10.7	10.3	12.3	6.0	-64.6	-8.9	1.2	5.0	3.2
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-64.4	15.3	10.8	3.0	0.6	-64.4	11.7	10.5	12.1	6.2	-64.4	-15.0	2.3	4.7	2.6
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-64.1	15.9	10.7	1.5	-0.1	-64.1	13.1	10.7	11.9	6.6	-64.1	-0.8	3.8	4.4	2.0
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-63.2	17.1	10.2	-5.3	-1.6	-63.2	16.1	11.2	10.7	7.7	-63.2	10.3	7.0	4.4	1.3
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-61.8	17.4	8.0	-8.0	-1.9	-61.8	18.6	11.5	8.4	8.8	-61.8	16.6	9.7	7.4	5.8
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-60.5	15.9	3.9	-7.6	-1.5	-60.5	19.1	11.1	5.6	8.5	-60.5	19.1	10.6	10.3	8.8
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-44.2	21.4	6.3	19.6	6.9
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-51	12.2	11.5	10.4	-6.1
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-50.7	9.9	12.1	8.7	-1.3
-50.6	9.0	12.3	8.0	0.1
-50.5	8.1	12.5	7.4	1.4
-50.4	7.3	12.6	6.6	2.4
-50.3	6.6	12.8	5.7	3.3
-50.2	6.3	12.9	4.8	4.3
-50.1	6.3	13.0	3.9	4.9
-50	6.5	13.1	3.1	5.7
-49.9	7.0	13.1	2.2	6.3
-49.8	7.7	13.2	1.7	6.8
-49.7	8.5	13.2	1.4	7.4
-49.6	9.2	13.2	1.6	7.9
-49.5	10.0	13.2	2.1	8.3
-49.4	10.7	13.2	2.7	8.6
-49.3	11.4	13.2	3.7	9.0
-49.2	12.0	13.1	4.6	9.3
-49.1	12.5	13.1	5.6	9.6
-49	13.0	13.0	6.4	9.8
-48.9	13.5	12.9	7.1	10.1
-48.8	13.9	12.8	7.9	10.3
-48.7	14.3	12.6	8.7	10.5
-48.6	14.6	12.5	9.3	10.6
-48.5	14.8	12.3	9.9	10.7
-48.4	15.1	12.1	10.4	10.7
-48.3	15.3	11.9	10.9	10.8
-48.2	15.4	11.6	11.4	10.8
-48.1	15.5	11.4	11.8	10.7
-48	15.6	11.0	12.1	10.7
-47.9	15.7	10.7	12.6	10.6
-47.8	15.7	10.3	12.8	10.5
-47.7	15.6	10.0	13.2	10.3
-47.6	15.5	9.5	13.5	10.1
-47.5	15.4	9.1	13.7	9.9
-47.4	15.3	8.6	13.9	9.6
-47.3	15.1	8.2	14.1	9.4
-47.2	14.8	7.6	14.3	9.1
-47.1	14.6	7.1	14.5	8.7
-47	14.3	6.5	14.7	8.3
-46.9	13.9	5.8	14.8	7.9
-46.8	13.4	5.1	15.0	7.4
-46.7	12.9	4.6	15.1	6.8
-46.6	12.3	4.0	15.2	6.2
-46.5	11.6	3.5	15.3	5.4
-46.4	10.8	3.1	15.4	4.7
-46.3	9.9	2.7	15.5	3.8
-46.2	8.7	2.7	15.6	2.8
-46.1	7.4	2.8	15.7	1.6
-46	5.8	2.9	15.8	0.2
-45.9	3.7	3.4	15.9	-1.4
-45.8	1.2	3.8	16.0	-3.3
-45.7	-1.8	4.2	16.1	-5.6
-45.6	-3.6	4.9	16.2	-7.8
-45.5	-1.8	5.5	16.3	-9.2
-45.4	1.3	6.0	16.4	-7.9
-45.3	4.1	6.4	16.5	-5.6
-45.2	6.4	7.0	16.7	-3.4
-45.1	8.2	7.4	16.8	-1.5
-45	9.7	7.8	16.9	0.3
-44.9	11.1	8.2	17.1	1.6
-44.8	12.2	8.6	17.2	2.6
-44.7	13.2	8.9	17.3	3.9
-44.6	14.1	9.2	17.5	4.8
-44.5	14.9	9.4	17.6	5.6
-44.4	15.6	9.6	17.8	6.4
-44.3	16.3	9.8	18.0	7.0
-44.2	16.9	9.9	18.1	7.7
-44.1	17.4	10.1	18.3	8.2
-44	17.9	10.1	18.4	8.6

-56.3	11.0	12.7	5.5	2.8
-56.2	10.5	12.7	4.9	2.2
-56.1	9.9	12.7	4.2	1.5
-56	9.5	12.7	3.6	0.7
-55.9	9.1	12.7	2.8	0.2
-55.8	8.9	12.7	1.8	-0.3
-55.7	8.9	12.6	0.9	-1.0
-55.6	9.1	12.6	-0.2	-1.4
-55.5	9.4	12.6	-1.2	-1.4
-55.4	9.9	12.5	-2.5	-1.3
-55.3	10.5	12.4	-3.3	-1.0
-55.2	11.1	12.3	-3.9	-0.7
-55.1	11.7	12.2	-4.0	0.0
-55	12.4	12.1	-3.6	0.5
-54.9	12.9	11.9	-2.9	1.2
-54.8	13.6	11.8	-1.7	1.7
-54.7	14.1	11.6	-0.9	2.2
-54.6	14.6	11.4	0.4	2.7
-54.5	15.1	11.3	1.3	3.3
-54.4	15.6	11.0	2.1	3.8
-54.3	16.0	10.8	2.9	4.2
-54.2	16.4	10.6	3.6	4.6
-54.1	16.8	10.2	4.2	5.1
-54	17.2	10.0	5.0	5.4
-53.9	17.5	9.6	5.5	5.8
-53.8	17.7	9.2	6.0	6.0
-53.7	18.0	8.9	6.5	6.3
-53.6	18.3	8.4	6.9	6.6
-53.5	18.5	7.9	7.3	6.8
-53.4	18.7	7.4	7.6	6.9
-53.3	18.9	6.9	8.0	7.1
-53.2	19.1	6.2	8.2	7.2
-53.1	19.2	5.6	8.4	7.4
-53	19.3	4.8	8.5	7.4
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-52.8	19.5	3.1	8.9	7.6
-52.7	19.6	1.9	9.0	7.5
-52.6	19.7	0.6	9.0	7.5
-52.5	19.7	-1.0	9.0	7.4
-52.4	19.7	-2.8	9.0	7.4
-52.3	19.7	-5.1	9.0	7.3
-52.2	19.7	-7.3	9.0	7.1
-52.1	19.6	-9.2	8.9	6.9
-52	19.6	-9.1	8.8	6.7
-51.9	19.5	-6.9	8.7	6.4
-51.8	19.4	-4.4	8.5	6.2
-51.7	19.3	-2.5	8.4	5.9
-51.6	19.2	-0.6	8.1	5.6
-51.5	19.0	0.9	7.9	5.2
-51.4	18.8	2.3	7.6	4.8
-51.3	18.7	3.4	7.3	4.3
-51.2	18.4	4.4	6.9	3.7
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-51	17.9	6.1	6.3	2.5
-50.9	17.6	6.8	5.9	1.6
-50.8	17.3	7.4	5.4	0.8
-50.7	17.0	8.1	5.1	-0.2
-50.6	16.6	8.5	4.9	-1.2
-50.5	16.1	9.0	4.6	-2.8
-50.4	15.7	9.5	4.6	-4.2
-50.3	15.2	9.9	4.6	-5.9
-50.2	14.6	10.3	4.9	-8.2
-50.1	14.0	10.6	5.2	-11.2
-50	13.4	10.9	5.9	-11.0
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-49.8	11.8	11.5	7.1	-7.4
-49.7	11.0	11.7	7.7	-5.7
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-49.5	9.0	12.1	9.2	-2.2
-49.4	7.7	12.3	9.8	-0.8
-49.3	6.4	12.4	10.4	0.4
-49.2	5.0	12.5	11.0	1.5
-49.1	3.5	12.6	11.5	2.4
-49	2.2	12.6	12.1	3.3
-48.9	1.4	12.8	12.6	3.9
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-48.6	3.2	12.8	14.0	5.8
-48.5	4.4	12.8	14.4	6.2
-48.4	5.6	12.7	14.8	6.7
-48.3	6.8	12.6	15.1	7.1
-48.2	7.6	12.5	15.4	7.4
-48.1	8.5	12.4	15.8	7.7
-48	9.2	12.3	16.0	7.9
-47.9	9.8	12.2	16.3	8.2
-47.8	10.4	12.0	16.6	8.4
-47.7	10.9	11.8	16.8	8.5
-47.6	11.2	11.6	17.0	8.7
-47.5	11.6	11.4	17.2	8.7
-47.4	11.8	11.2	17.4	8.9
-47.3	12.0	10.9	17.6	8.8
-47.2	12.2	10.6	17.7	8.8
-47.1	12.3	10.3	17.8	8.9
-47	12.4	10.0	17.9	8.8
-46.9	12.4	9.6	18.0	8.7
-46.8	12.4	9.3	18.1	8.7
-46.7	12.2	8.9	18.1	8.5
-46.6	12.1	8.5	18.2	8.3
-46.5	11.9	8.0	18.2	8.1
-46.4	11.7	7.5	18.2	8.0
-46.3	11.4	6.9	18.2	7.7
-46.2	11.0	6.4	18.2	7.4
-46.1	10.6	5.8	18.1	7.1
-46	10.1	5.2	18.1	6.8
-45.9	9.5	4.5	17.9	6.3
-45.8	8.8	3.9	17.8	5.7
-45.7	8.1	3.2	17.7	5.1
-45.6	7.2	2.6	17.5	4.4
-45.5	6.3	2.0	17.4	3.6
-45.4	5.4	1.3	17.2	2.9
-45.3	4.6	1.1	17.0	1.8
-45.2	4.2	0.8	16.8	0.5
-45.1	4.0	0.9	16.5	-0.8
-45	4.6	1.0	16.2	-2.7
-44.9	5.6	1.3	15.9	-5.2
-44.8	6.7	1.8	15.6	-8.8
-44.7	7.9	2.1	15.3	-13.8
-44.6	9.1	2.7	15.0	-20.1
-44.5	10.2	3.1	14.6	-15.0
-44.4	11.2	3.4	14.2	-9.4
-44.3	12.2	3.9	13.8	-5.6
-44.2	13.1	4.3	13.3	-3.4
-44.1	13.8	4.7	12.9	-1.3
-44	14.6	5.1	12.5	0.3

-43.9	22.1	5.4	20.1	6.9	-43.9	18.4	10.2	18.6	9.2	-43.9	15.3	5.3	12.0	1.5
-43.8	22.2	4.9	20.3	6.7	-43.8	18.8	10.3	18.7	9.5	-43.8	15.9	5.7	11.6	2.6
-43.7	22.3	4.5	20.4	6.6	-43.7	19.1	10.3	18.9	9.8	-43.7	16.5	5.9	11.2	3.5
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-43.5	22.4	3.5	20.6	6.3	-43.5	19.8	10.2	19.1	10.4	-43.5	17.5	6.4	10.5	5.1
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-43.3	22.4	2.5	20.7	5.7	-43.3	20.3	10.0	19.4	10.9	-43.3	18.4	6.8	10.2	6.4
-43.2	22.4	2.1	20.7	5.2	-43.2	20.5	10.0	19.5	11.0	-43.2	18.8	6.9	10.2	6.8
-43.1	22.4	1.6	20.7	4.8	-43.1	20.7	9.8	19.5	11.2	-43.1	19.2	7.1	10.3	7.3
-43	22.3	1.1	20.7	4.2	-43	20.8	9.6	19.6	11.2	-43	19.5	7.2	10.4	7.6
-42.9	22.2	0.9	20.6	3.7	-42.9	21.0	9.5	19.7	11.4	-42.9	19.7	7.3	10.6	7.9
-42.8	22.1	0.4	20.6	2.9	-42.8	21.1	9.2	19.7	11.4	-42.8	20.0	7.4	10.8	8.3
-42.7	22.0	0.3	20.5	2.0	-42.7	21.2	8.9	19.8	11.4	-42.7	20.2	7.4	11.1	8.5
-42.6	21.9	0.3	20.4	0.8	-42.6	21.2	8.7	19.8	11.3	-42.6	20.5	7.5	11.5	8.7
-42.5	21.7	0.4	20.3	-0.3	-42.5	21.3	8.5	19.8	11.3	-42.5	20.7	7.6	11.7	9.0
-42.4	21.5	0.5	20.2	-1.7	-42.4	21.3	8.2	19.8	11.1	-42.4	20.8	7.6	12.0	9.1
-42.3	21.3	1.0	20.0	-3.4	-42.3	21.3	7.7	19.8	11.0	-42.3	21.0	7.6	12.3	9.2
-42.2	21.1	1.5	19.8	-6.0	-42.2	21.3	7.3	19.7	10.9	-42.2	21.1	7.6	12.6	9.3
-42.1	20.8	2.0	19.6	-8.5	-42.1	21.2	6.8	19.7	10.7	-42.1	21.2	7.5	12.9	9.3
-42	20.5	2.7	19.4	-10.7	-42	21.2	6.4	19.6	10.4	-42	21.3	7.5	13.1	9.4
-41.9	20.1	3.1	19.1	-10.1	-41.9	21.0	5.9	19.5	10.1	-41.9	21.3	7.4	13.3	9.3
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-41.7	19.3	4.1	18.5	-4.8	-41.7	20.7	4.7	19.2	9.4	-41.7	21.4	7.3	13.7	9.1
-41.6	18.9	4.7	18.2	-2.4	-41.6	20.5	4.1	19.1	8.9	-41.6	21.4	7.2	13.8	9.0
-41.5	18.4	5.1	17.8	-0.4	-41.5	20.3	3.5	18.9	8.5	-41.5	21.3	7.1	13.9	8.9
-41.4	17.8	5.5	17.3	1.2	-41.4	20.1	2.8	18.7	7.8	-41.4	21.3	7.0	14.0	8.7
-41.3	17.1	5.9	16.8	2.7	-41.3	19.8	2.2	18.5	7.2	-41.3	21.2	6.9	14.0	8.4
-41.2	16.4	6.3	16.3	3.8	-41.2	19.5	1.6	18.2	6.5	-41.2	21.1	6.8	14.0	8.1
-41.1	15.6	6.6	15.8	4.9	-41.1	19.1	1.1	17.9	5.7	-41.1	20.9	6.6	14.0	7.7
-41	14.7	6.9	15.2	5.7	-41	18.7	0.6	17.6	4.8	-41	20.8	6.4	13.9	7.3
-40.9	13.7	7.1	14.4	6.6	-40.9	18.2	0.1	17.2	3.7	-40.9	20.6	6.3	13.9	6.8
-40.8	12.6	7.4	13.7	7.3	-40.8	17.8	0.0	16.8	2.7	-40.8	20.4	6.0	13.7	6.4
-40.7	11.1	7.6	12.9	7.9	-40.7	17.2	-0.1	16.3	1.1	-40.7	20.2	5.8	13.6	5.6
-40.6	9.5	7.8	11.9	8.5	-40.6	16.6	0.0	15.8	-0.6	-40.6	19.9	5.5	13.3	5.1
-40.5	7.5	7.9	10.9	9.0	-40.5	15.9	0.4	15.2	-2.9	-40.5	19.6	5.4	13.1	4.1
-40.4	4.8	8.0	9.6	9.5	-40.4	15.2	0.7	14.6	-5.7	-40.4	19.3	5.1	12.9	3.2
-40.3	0.7	8.1	8.4	9.9	-40.3	14.3	1.0	13.8	-9.2	-40.3	19.0	4.8	12.4	2.1
-40.2	-6.4	8.3	7.0	10.3	-40.2	13.3	1.4	13.1	-12.3	-40.2	18.6	4.5	12.1	0.9
-40.1	-11.1	8.3	5.4	10.7	-40.1	12.2	1.9	12.1	-10.6	-40.1	18.2	4.0	11.6	-0.5
-40	-1.6	8.2	4.1	11.0	-40	10.9	2.4	11.2	-6.7	-40	17.7	3.7	11.0	-2.3
-39.9	3.2	8.3	3.1	11.3	-39.9	9.5	2.9	10.0	-3.8	-39.9	17.3	3.1	10.4	-4.2
-39.8	6.2	8.3	3.1	11.6	-39.8	7.6	3.2	8.7	-1.7	-39.8	16.7	2.6	9.6	-6.0
-39.7	8.4	8.1	3.8	11.7	-39.7	5.4	3.7	7.3	0.4	-39.7	16.1	2.1	8.7	-7.6
-39.6	10.1	8.1	5.1	12.0	-39.6	2.6	3.9	5.5	1.8	-39.6	15.5	1.5	7.7	-6.8
-39.5	11.5	7.9	6.6	12.2	-39.5	-0.3	4.4	3.9	3.2	-39.5	14.9	1.0	6.4	-4.8
-39.4	12.7	7.7	8.0	12.3	-39.4	-1.7	4.6	2.4	4.1	-39.4	14.1	0.0	5.1	-2.4
-39.3	13.7	7.5	9.1	12.5	-39.3	0.6	4.9	2.1	5.0	-39.3	13.4	-0.6	3.3	-0.6
-39.2	14.5	7.3	10.1	12.5	-39.2	3.6	5.1	3.0	5.7	-39.2	12.6	-1.7	1.0	0.9
-39.1	15.3	7.0	11.1	12.6	-39.1	6.2	5.5	4.5	6.4	-39.1	11.7	-2.4	-1.7	2.4
-39	16.0	6.8	11.9	12.6	-39	8.2	5.5	6.1	6.9	-39	10.9	-3.6	-4.2	3.6
-38.9	16.6	6.4	12.6	12.6	-38.9	9.8	5.6	7.7	7.5	-38.9	10.1	-4.7	-4.0	4.6
-38.8	17.0	6.0	13.2	12.6	-38.8	11.2	5.7	9.0	7.9	-38.8	9.3	-6.1	-1.1	5.5
-38.7	17.5	5.5	13.8	12.6	-38.7	12.3	5.7	10.2	8.3	-38.7	8.8	-7.6	1.6	6.3
-38.6	17.9	5.1	14.3	12.5	-38.6	13.3	5.8	11.2	8.6	-38.6	8.5	-8.6	3.9	7.1
-38.5	18.2	4.5	14.7	12.4	-38.5	14.1	5.8	12.1	8.8	-38.5	8.6	-10.3	5.7	7.6
-38.4	18.6	4.0	15.0	12.2	-38.4	14.8	5.8	12.9	9.0	-38.4	8.8	-11.2	7.4	8.2
-38.3	18.8	3.3	15.3	12.1	-38.3	15.5	5.8	13.6	9.2	-38.3	9.3	-11.0	8.6	8.7
-38.2	19.0	2.6	15.6	11.9	-38.2	16.0	5.7	14.2	9.3	-38.2	9.9	-10.0	9.9	9.1
-38.1	19.2	1.8	15.8	11.7	-38.1	16.5	5.6	14.8	9.4	-38.1	10.6	-9.4	10.8	9.5
-38	19.4	0.8	16.0	11.4	-38	17.0	5.4	15.3	9.4	-38	11.4	-7.8	11.8	9.8
-37.9	19.5	-0.2	16.2	11.1	-37.9	17.4	5.2	15.7	9.5	-37.9	12.0	-6.3	12.6	10.1
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-29.7	8.6	11.8	10.4	9.3
-29.6	10.4	11.9	10.7	9.4
-29.5	11.7	12.1	11.3	9.5
-29.4	12.9	12.1	12.2	9.5
-29.3	14.0	12.1	13.1	9.5
-29.2	15.0	12.2	14.1	9.6
-29.1	15.8	12.1	15.0	9.7
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-28.5	19.3	11.2	19.5	9.8
-28.4	19.7	10.9	20.1	9.9
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-28.2	20.4	10.2	21.1	9.7
-28.1	20.7	9.8	21.5	9.7
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-27.6	21.5	7.1	23.0	9.2
-27.5	21.6	6.5	23.2	9.0
-27.4	21.6	5.8	23.4	8.9
-27.3	21.6	5.0	23.5	8.6
-27.2	21.6	4.1	23.6	8.4
-27.1	21.5	3.3	23.6	8.1
-27	21.4	2.4	23.7	7.8
-26.9	21.3	1.7	23.7	7.5
-26.8	21.1	0.7	23.7	7.1
-26.7	20.9	0.0	23.6	6.7
-26.6	20.6	-0.7	23.5	6.3
-26.5	20.3	-0.7	23.4	5.9
-26.4	19.9	-0.8	23.2	5.3
-26.3	19.5	-0.6	23.0	4.9
-26.2	19.0	-0.1	22.8	4.3
-26.1	18.5	0.4	22.5	3.8
-26	17.8	1.1	22.2	3.0
-25.9	17.1	1.6	21.8	2.3
-25.8	16.2	2.2	21.4	1.7
-25.7	15.2	2.7	21.0	1.2
-25.6	14.1	2.9	20.4	0.2
-25.5	12.7	3.3	19.9	-0.3
-25.4	11.0	3.7	19.2	-0.9
-25.3	8.8	4.0	18.4	-0.8
-25.2	5.8	4.0	17.6	-1.4
-25.1	1.5	4.3	16.7	-1.3
-25	-8.5	4.3	15.5	-1.0
-24.9	-7.4	4.4	14.2	-0.8
-24.8	1.6	4.4	12.7	-0.2
-24.7	6.1	4.3	10.8	0.2
-24.6	8.9	4.3	8.2	0.8
-24.5	11.0	4.1	4.7	1.5
-24.4	12.7	4.0	-0.5	2.0
-24.3	14.1	3.7	-5.3	2.5
-24.2	15.2	3.3	0.8	3.1
-24.1	16.2	3.1	5.6	3.5
-24	17.1	2.5	8.7	3.8
-23.9	17.8	2.1	11.0	4.2
-23.8	18.4	1.6	12.8	4.6
-23.7	19.0	0.8	14.1	4.8
-23.6	19.5	-0.1	15.3	5.1
-23.5	19.9	-1.1	16.3	5.2
-23.4	20.3	-2.2	17.1	5.5
-23.3	20.6	-3.7	17.7	5.6
-23.2	20.9	-5.6	18.3	5.7
-23.1	21.1	-7.6	18.8	5.9
-23	21.2	-10.7	19.2	5.9
-22.9	21.4	-14.3	19.6	6.0
-22.8	21.5	-19.7	19.9	6.1
-22.7	21.5	-18.9	20.1	6.1
-22.6	21.5	-12.8	20.3	6.1
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-22.4	21.5	-7.5	20.5	6.1
-22.3	21.3	-5.4	20.5	6.0
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-22	20.7	-1.9	20.2	5.4
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-21.8	20.0	0.0	19.8	4.6
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-21.6	19.1	1.2	19.0	3.7
-21.5	18.5	1.8	18.6	3.3
-21.4	17.9	2.5	18.0	2.6
-21.3	17.1	2.9	17.3	1.8
-21.2	16.2	3.4	16.6	0.8
-21.1	15.2	3.8	15.7	0.0
-21	14.0	4.4	14.7	-1.1
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-20.8	10.9	5.2	12.3	-3.6
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-19.9	13.8	8.6	15.4	-11.8
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-18.5	20.9	12.5	23.4	3.1
-18.4	20.7	12.5	23.2	2.7
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-10.8	25.5	12.8	28.1	14.6
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-17.9	20.9	10.4	24.4	3.2
-17.8	20.7	10.3	24.4	3.4
-17.7	20.4	10.3	24.3	3.6
-17.6	20.0	10.3	24.1	3.7
-17.5	19.6	10.3	23.9	3.8
-17.4	19.0	10.3	23.7	3.9
-17.3	18.4	10.3	23.5	3.8
-17.2	17.6	10.2	23.1	4.0
-17.1	16.7	10.2	22.8	3.3
-17	15.5	10.2	22.3	4.1
-16.9	14.2	10.1	21.8	4.3
-16.8	12.6	10.0	21.3	4.6
-16.7	10.6	9.9	20.6	4.9
-16.6	8.1	9.8	19.9	5.4
-16.5	5.7	9.7	19.1	5.9
-16.4	4.7	9.5	18.1	6.2
-16.3	6.5	9.5	17.0	6.8
-16.2	9.1	9.4	15.7	7.2
-16.1	11.4	9.2	14.3	7.7
-16	13.4	9.0	12.7	8.2
-15.9	15.0	8.9	10.9	8.6
-15.8	16.4	8.7	9.4	8.9
-15.7	17.6	8.6	8.7	9.3
-15.6	18.6	8.4	9.2	9.6
-15.5	19.5	8.2	10.7	9.9
-15.4	20.3	8.1	12.4	10.1
-15.3	21.0	7.9	14.0	10.4
-15.2	21.6	7.6	15.4	10.6
-15.1	22.1	7.4	16.7	10.7
-15	22.6	7.3	17.7	10.8
-14.9	23.0	7.1	18.7	10.9
-14.8	23.3	6.9	19.5	11.1
-14.7	23.6	6.8	20.1	11.1
-14.6	23.8	6.6	20.7	11.3
-14.5	24.0	6.4	21.2	11.3
-14.4	24.1	6.2	21.7	11.2
-14.3	24.2	6.1	22.0	11.2
-14.2	24.2	6.0	22.3	11.2
-14.1	24.1	5.9	22.6	11.1
-14	24.0	5.8	22.8	11.0
-13.9	23.8	5.9	22.9	10.9
-13.8	23.6	5.9	22.9	10.8
-13.7	23.3	6.1	23.0	10.7
-13.6	22.9	6.2	22.9	10.6
-13.5	22.5	6.6	22.9	10.5
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-13.3	21.3	7.2	22.5	10.2
-13.2	20.6	7.6	22.2	10.0
-13.1	19.8	8.0	21.9	9.9
-13	18.7	8.4	21.5	9.8
-12.9	17.4	8.8	21.0	9.6
-12.8	15.9	9.2	20.5	9.4
-12.7	13.9	9.5	19.8	9.2
-12.6	11.3	9.9	19.1	9.0
-12.5	7.8	10.3	18.3	8.9
-12.4	4.0	10.7	17.4	8.6
-12.3	5.2	11.0	16.4	8.5
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-12.1	12.8	11.6	14.3	8.1
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-11.8	18.9	12.4	13.2	7.6
-11.7	20.2	12.6	13.8	7.4
-11.6	21.3	12.8	14.8	7.2
-11.5	22.3	12.9	16.0	7.1
-11.4	23.1	13.0	17.1	6.8
-11.3	23.8	13.0	18.1	6.5
-11.2	24.4	13.1	19.1	6.3
-11.1	24.9	13.1	19.8	6.0
-11	25.4	13.1	20.5	5.6
-10.9	25.8	13.0	21.2	5.1
-10.8	26.1	12.9	21.7	4.7
-10.7	26.3	12.7	22.2	4.2
-10.6	26.5	12.5	22.6	3.7
-10.5	26.7	12.2	23.0	3.0
-10.4	26.7	11.9	23.2	2.3
-10.3	26.7	11.6	23.4	1.3
-10.2	26.7	11.2	23.5	0.4
-10.1	26.6	10.7	23.6	-0.9
-10	26.4	10.0	23.6	-2.6
-9.9	26.1	9.5	23.4	-4.4
-9.8	25.8	8.6	23.3	-7.1
-9.7	25.4	7.7	23.0	-11.3
-9.6	24.8	6.8	22.7	-19.7
-9.5	24.2	5.6	22.3	-22.5
-9.4	23.4	4.2	21.7	-10.9
-9.3	22.5	2.5	21.1	-7.3
-9.2	21.3	0.8	20.3	-4.1
-9.1	19.8	-0.4	19.4	-1.9
-9	17.9	-1.0	18.5	-0.2
-8.9	15.4	0.0	17.4	1.4
-8.8	12.1	1.9	16.6	2.6
-8.7	9.1	3.6	16.2	3.6
-8.6	10.7	5.4	16.6	4.6
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-8.4	17.8	8.1	19.1	6.1
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-8.2	22.3	10.3	22.1	7.3
-8.1	23.9	11.2	23.5	7.8
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-7.9	26.5	12.6	25.9	8.7
-7.8	27.6	13.1	26.9	9.1
-7.7	28.5	13.7	27.9	9.5
-7.6	29.3	14.1	28.8	9.9
-7.5	30.1	14.5	29.6	10.2
-7.4	30.7	14.8	30.3	10.5
-7.3	31.3	15.0	31.0	10.7
-7.2	31.8	15.2	31.6	11.0
-7.1	32.2	15.4	32.1	11.2
-7	32.6	15.5	32.6	11.5
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-6.7	34.0	20.3	34.1	19.4
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-6	34.0	21.3	34.4	20.1
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-4.7	21.0	14.2	23.3	14.1
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-4.4	26.6	6.9	16.3	10.9
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-4.2	30.9	7.3	25.1	10.9
-4.1	32.6	10.7	27.9	12.0
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-2.3	46.5	30.7	45.3	28.8
-2.2	46.8	31.1	45.7	29.3
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-1.8	48.1	32.4	47.2	30.7
-1.7	48.4	32.7	47.5	31.0
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-1.4	49.1	33.3	48.4	31.9
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0.7	50.1	34.0	50.3	34.1
0.8	50.0	33.9	50.2	34.1
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1.1	49.6	33.6	49.9	34.0
1.2	49.4	33.5	49.8	33.9
1.3	49.2	33.4	49.6	33.8
1.4	49.0	33.2	49.5	33.7
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1.6	48.5	32.8	49.1	33.4
1.7	48.3	32.6	48.9	33.3
1.8	48.0	32.4	48.7	33.1
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2.2	46.7	31.2	47.6	32.2
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2.5	45.5	30.1	46.6	31.2
2.6	45.1	29.6	46.2	30.8
2.7	44.6	29.2	45.8	30.4
2.8	44.1	28.7	45.4	30.0
2.9	43.6	28.1	44.9	29.5
3	43.0	27.5	44.4	29.0
3.1	42.4	26.9	43.9	28.4
3.2	41.7	26.2	43.4	27.8
3.3	41.0	25.4	42.8	27.2
3.4	40.3	24.6	42.1	26.4
3.5	39.5	23.7	41.4	25.7
3.6	38.6	22.7	40.7	24.8
3.7	37.7	21.6	39.9	23.9
3.8	36.6	20.4	39.1	22.8
3.9	35.5	19.1	38.1	21.6
4	34.2	17.6	37.2	20.3
4.1	32.7	15.8	36.1	18.9
4.2	31.1	13.7	34.9	17.1
4.3	29.1	11.4	33.5	15.1
4.4	26.7	8.7	32.1	12.5
4.5	23.5	6.7	30.5	9.5
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4.7	12.2	9.1	27.1	5.7
4.8	14.0	11.3	25.9	8.3
4.9	19.6	13.2	25.5	11.1
5	23.0	14.7	26.1	13.3
5.1	25.5	16.0	27.3	15.1
5.2	27.3	17.0	28.6	16.5
5.3	28.7	17.9	29.8	17.6
5.4	29.7	18.6	30.9	18.6
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5.6	31.3	19.8	32.6	20.1

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-4.7	21.5	12.5	24.0	11.7
-4.6	15.5	11.3	21.6	10.8
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-4.2	26.6	11.6	25.3	9.9
-4.1	29.2	13.1	27.8	11.0
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-3.9	33.1	16.2	31.7	13.9
-3.8	34.6	17.6	33.3	15.3
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-3.4	39.1	22.1	38.0	20.1
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-3.2	40.8	23.8	39.8	21.9
-3.1	41.6	24.6	40.6	22.8
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1.7	48.2	32.3	48.7	32.3
1.8	47.9	32.0	48.5	32.1
1.9	47.6	31.7	48.2	31.8
2	47.3	31.4	47.9	31.5
2.1	47.0	31.1	47.6	31.2
2.2	46.6	30.7	47.3	30.8
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2.4	45.8	30.0	46.6	30.1
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2.8	43.9	28.1	45.0	28.4
2.9	43.3	27.6	44.4	27.8
3	42.7	27.0	43.9	27.3
3.1	42.1	26.4	43.3	26.8
3.2	41.4	25.7	42.7	26.1
3.3	40.6	25.0	42.1	25.5
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3.5	39.0	23.4	40.6	24.2
3.6	38.0	22.5	39.8	23.4
3.7	37.0	21.5	38.9	22.7
3.8	35.8	20.3	37.9	21.9
3.9	34.6	19.1	36.8	21.1
4	33.1	17.6	35.6	20.3
4.1	31.5	16.0	34.2	19.5
4.2	29.5	14.0	32.7	18.8
4.3	27.2	11.6	30.8	18.2
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4.5	20.7	3.4	25.6	17.4
4.6	17.1	-5.6	21.3	17.3
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4.9	24.2	8.8	18.9	18.0
5	26.3	11.2	23.5	18.4
5.1	27.9	13.0	26.3	18.9
5.2	29.2	14.4	28.3	19.3
5.3	30.2	15.5	29.8	19.7
5.4	31.0	16.4	31.0	20.1
5.5	31.7	17.2	32.0	20.5
5.6	32.2	17.8	32.8	20.8

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-6	34.0	13.6	35.5	12.7
-5.9	33.9	13.0	35.6	12.8
-5.8	33.7	12.3	35.6	12.9
-5.7	33.4	11.5	35.6	12.8
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-5	28.4	-4.7	34.4	12.4
-4.9	26.9	-3.1	34.0	12.3
-4.8	25.1	1.6	33.6	12.0
-4.7	23.0	5.1	33.1	11.7
-4.6	21.4	7.9	32.6	11.2
-4.5	21.6	10.0	32.1	10.7
-4.4	23.8	11.8	31.5	10.0
-4.3	26.4	13.4	31.0	9.2
-4.2	28.7	14.7	30.7	8.1
-4.1	30.6	15.8	30.6	6.8
-4	32.4	16.9	30.7	4.8
-3.9	33.9	17.8	31.2	2.6
-3.8	35.2	18.6	31.9	-0.9
-3.7	36.4	19.4	32.7	-4.5
-3.6	37.5	20.1	33.7	-2.4
-3.5	38.5	20.8	34.7	2.0
-3.4	39.4	21.4	35.7	5.4
-3.3	40.2	21.9	36.7	8.2
-3.2	41.0	22.5	37.6	10.3
-3.1	41.7	23.0	38.5	12.2
-3	42.4	23.4	39.3	13.7
-2.9	43.0	23.8	40.1	15.1
-2.8	43.6	24.3	40.8	16.3
-2.7	44.2	24.6	41.5	17.4
-2.6	44.7	25.0	42.2	18.3
-2.5	45.2	25.4	42.8	19.2
-2.4	45.6	25.7	43.3	20.0
-2.3	46.1	26.0	43.9	20.8
-2.2	46.5	26.3	44.4	21.5
-2.1	46.9	26.6	44.9	22.1
-2	47.2	26.9	45.3	22.8
-1.9	47.6	27.2	45.8	23.3
-1.8	47.9	27.5	46.2	23.8
-1.7	48.2	27.7	46.6	24.3
-1.6	48.4	27.9	46.9	24.8
-1.5	48.7	28.2	47.3	25.3
-1.4	48.9	28.4	47.6	25.7
-1.3	49.1	28.6	47.9	26.1
-1.2	49.3	28.7	48.2	26.5
-1.1	49.5	28.9	48.4	26.8
-1	49.7	29.0	48.7	27.2
-0.9	49.8	29.2	48.9	27.5
-0.8	49.9	29.3	49.1	27.7
-0.7	50.0	29.4	49.3	28.0
-0.6	50.1	29.5	49.5	28.2
-0.5	50.2	29.5	49.6	28.4
-0.4	50.3	29.6	49.8	28.6
-0.3	50.3	29.7	49.9	28.8
-0.2	50.4	29.7	50.0	28.9
-0.1	50.4	29.7	50.1	29.1
0	50.4	29.7	50.2	29.2
0.1	50.4	29.7	50.3	29.3
0.2	50.4	29.7	50.3	29.4
0.3	50.3	29.7	50.4	29.4
0.4	50.3	29.7	50.4	29.5
0.5	50.2	29.7	50.4	29.5
0.6	50.1	29.7	50.4	29.5
0.7	50.0	29.6	50.4	29.5
0.8	49.9	29.6	50.3	29.4
0.9	49.8	29.5	50.3	29.4
1	49.6	29.4	50.2	29.3
1.1	49.4	29.3	50.2	29.2
1.2	49.2	29.2	50.1	29.1
1.3	49.0	29.1	50.0	29.0
1.4	48.8	29.0	49.9	28.8
1.5	48.5	28.8	49.7	28.7
1.6	48.3	28.7	49.6	28.5
1.7	48.0	28.5	49.4	28.3
1.8	47.7	28.3	49.2	28.1
1.9	47.3	28.1	49.0	27.9
2	47.0	27.8	48.8	27.6
2.1	46.6	27.6	48.6	27.4
2.2	46.2	27.3	48.4	27.1
2.3	45.8	27.0	48.1	26.8
2.4	45.4	26.7	47.8	26.5
2.5	44.9	26.3	47.5	26.1
2.6	44.4	26.0	47.2	25.8
2.7	43.8	25.6	46.9	25.4
2.8	43.3	25.1	46.5	25.0
2.9	42.6	24.6	46.1	24.6
3	42.0	24.2	45.7	24.2
3.1	41.2	23.6	45.3	23.8
3.2	40.5	23.1	44.8	23.3
3.3	39.6	22.5	44.3	22.9
3.4	38.7	21.8	43.8	22.4
3.5	37.7	21.1	43.3	22.0
3.6	36.6	20.4	42.7	21.5
3.7	35.3	19.6	42.1	21.0
3.8	33.9	18.7	41.4	20.5
3.9	32.4	17.8	40.7	20.1
4	30.5	16.8	39.9	19.7
4.1	28.2	15.7	39.1	19.3
4.2	25.3	14.4	38.2	18.9
4.3	21.2	13.1	37.3	18.6
4.4	13.6	11.5	36.3	18.2
4.5	5.0	9.7	35.1	18.0
4.6	17.5	7.5	33.9	17.8
4.7	22.2	4.7	32.5	17.5
4.8	25.1	0.9	30.9	17.4
4.9	27.1	-4.8	29.1	17.1
5	28.6	-6.7	27.0	17.1
5.1	29.8	-1.5	24.4	16.9
5.2	30.7	2.4	21.3	16.9
5.3	31.5	5.1	18.1	16.7
5.4	32.1	7.1	17.2	16.6
5.5	32.5	8.7	19.5	16.5
5.6	32.9	10.0	22.1	16.5

5.7	31.8	20.2	33.3	20.7
5.8	32.3	20.6	33.9	21.2
5.9	32.7	20.9	34.3	21.6
6	32.9	21.2	34.8	22.0
6.1	33.1	21.4	35.1	22.3
6.2	33.3	21.5	35.4	22.6
6.3	33.4	21.6	35.6	22.7
6.4	33.4	21.7	35.8	22.9
6.5	33.4	21.7	35.9	23.0
6.6	33.3	21.6	36.0	23.1
6.7	33.2	21.6	36.1	23.1
6.8	33.0	21.5	36.1	23.1
6.9	32.8	21.4	36.1	23.1
7	32.5	21.2	36.0	23.0
7.1	32.2	20.9	35.9	22.9
7.2	31.8	20.7	35.8	22.8
7.3	31.4	20.4	35.6	22.6
7.4	30.9	20.0	35.4	22.4
7.5	30.3	19.6	35.1	22.1
7.6	29.7	19.2	34.9	21.8
7.7	29.0	18.7	34.6	21.4
7.8	28.2	18.1	34.2	21.1
7.9	27.3	17.5	33.8	20.6
8	26.3	16.8	33.4	20.1
8.1	25.2	16.0	32.9	19.6
8.2	23.9	15.2	32.3	19.0
8.3	22.4	14.3	31.8	18.4
8.4	20.7	13.4	31.1	17.7
8.5	18.9	12.4	30.4	16.9
8.6	17.0	11.4	29.6	15.9
8.7	15.7	10.5	28.8	14.9
8.8	15.6	9.9	27.9	13.8
8.9	16.8	9.5	26.8	12.5
9	18.5	9.6	25.7	11.1
9.1	20.0	10.1	24.3	9.4
9.2	21.5	10.8	22.8	7.5
9.3	22.7	11.4	21.1	5.3
9.4	23.7	12.2	19.0	3.0
9.5	24.6	12.9	16.5	1.6
9.6	25.3	13.5	13.6	2.1
9.7	25.9	14.1	11.0	4.1
9.8	26.4	14.5	11.2	6.0
9.9	26.8	15.0	13.4	7.7
10	27.2	15.3	15.8	9.1
10.1	27.5	15.6	17.8	10.4
10.2	27.7	15.8	19.4	11.4
10.3	27.8	15.9	20.6	12.3
10.4	27.9	16.0	21.6	13.0
10.5	27.9	16.1	22.5	13.6
10.6	27.9	16.0	23.2	14.1
10.7	27.8	16.0	23.7	14.6
10.8	27.6	15.8	24.1	15.0
10.9	27.4	15.7	24.5	15.3
11	27.2	15.5	24.8	15.6
11.1	26.9	15.2	25.0	15.7
11.2	26.6	14.9	25.1	15.9
11.3	26.2	14.5	25.1	16.0
11.4	25.7	14.1	25.1	16.1
11.5	25.1	13.6	25.1	16.1
11.6	24.5	13.0	25.0	16.1
11.7	23.8	12.5	24.8	16.0
11.8	23.0	11.7	24.6	15.9
11.9	22.2	10.8	24.3	15.7
12	21.2	10.0	23.9	15.6
12.1	20.1	8.9	23.5	15.3
12.2	18.8	7.7	23.0	15.0
12.3	17.6	6.1	22.4	14.6
12.4	16.4	4.4	21.8	14.2
12.5	15.3	2.1	21.1	13.8
12.6	14.7	-1.0	20.2	13.3
12.7	15.0	-5.8	19.2	12.7
12.8	15.7	-14.9	18.0	12.0
12.9	16.8	-10.3	16.6	11.3
13	18.0	-3.7	14.9	10.4
13.1	19.1	0.1	12.8	9.5
13.2	20.1	2.8	10.1	8.5
13.3	21.0	4.7	6.5	7.2
13.4	21.8	6.2	1.7	5.8
13.5	22.5	7.6	1.5	4.2
13.6	23.1	8.6	6.0	2.5
13.7	23.7	9.5	9.7	0.5
13.8	24.1	10.2	12.3	-0.8
13.9	24.5	10.8	14.2	-1.3
14	24.9	11.3	15.7	-0.3
14.1	25.2	11.7	17.0	1.3
14.2	25.4	12.1	18.0	3.0
14.3	25.6	12.3	18.9	4.6
14.4	25.7	12.6	19.6	5.8
14.5	25.8	12.7	20.2	7.0
14.6	25.8	12.9	20.8	8.0
14.7	25.8	13.0	21.2	8.8
14.8	25.7	13.0	21.6	9.6
14.9	25.6	13.1	21.9	10.2
15	25.5	13.1	22.1	10.7
15.1	25.3	13.2	22.3	11.3
15.2	25.1	13.2	22.4	11.6
15.3	24.8	13.2	22.5	12.0
15.4	24.5	13.2	22.5	12.3
15.5	24.1	13.2	22.5	12.6
15.6	23.7	13.3	22.4	12.8
15.7	23.2	13.3	22.3	12.9
15.8	22.6	13.3	22.1	13.0
15.9	22.0	13.4	21.9	13.1
16	21.3	13.3	21.6	13.1
16.1	20.6	13.4	21.3	13.1
16.2	19.7	13.3	20.9	13.1
16.3	18.7	13.3	20.4	13.0
16.4	17.6	13.3	19.9	12.8
16.5	16.2	13.2	19.3	12.7
16.6	14.7	13.2	18.6	12.5
16.7	12.8	13.1	17.8	12.3
16.8	10.6	13.0	16.9	12.1
16.9	8.1	12.9	15.9	11.8
17	5.6	12.8	14.6	11.4
17.1	5.0	12.7	13.1	11.1
17.2	6.8	12.7	11.3	10.6
17.3	9.3	12.6	9.1	10.2
17.4	11.4	12.6	6.4	9.7
17.5	13.1	12.5	3.1	9.1
17.6	14.7	12.5	1.3	8.4
17.7	15.8	12.5	3.4	7.7
17.8	16.8	12.6	6.4	7.0
17.9	17.7	12.6	9.0	6.0
18	18.5	12.6	11.1	5.1

5.7	32.7	18.4	33.5	21.1
5.8	33.1	18.9	34.0	21.3
5.9	33.3	19.2	34.5	21.5
6	33.5	19.5	34.8	21.6
6.1	33.7	19.8	35.1	21.8
6.2	33.8	19.9	35.4	21.8
6.3	33.8	20.1	35.5	21.9
6.4	33.8	20.1	35.7	21.9
6.5	33.7	20.2	35.7	21.8
6.6	33.6	20.1	35.8	21.8
6.7	33.4	20.1	35.7	21.7
6.8	33.2	19.9	35.7	21.5
6.9	32.9	19.8	35.6	21.4
7	32.6	19.6	35.5	21.2
7.1	32.3	19.3	35.3	20.9
7.2	31.8	19.0	35.1	20.7
7.3	31.4	18.7	34.8	20.4
7.4	30.8	18.3	34.5	20.1
7.5	30.2	17.8	34.2	19.7
7.6	29.5	17.3	33.8	19.3
7.7	28.8	16.7	33.4	18.9
7.8	27.9	16.0	32.9	18.4
7.9	27.0	15.3	32.4	17.9
8	26.0	14.5	31.8	17.3
8.1	24.9	13.6	31.2	16.7
8.2	23.6	12.6	30.4	16.1
8.3	22.2	11.5	29.7	15.3
8.4	20.7	10.2	28.8	14.6
8.5	19.3	8.8	27.8	13.7
8.6	18.1	7.3	26.7	12.8
8.7	17.6	6.0	25.4	11.8
8.8	17.8	4.9	24.0	10.7
8.9	18.7	4.7	22.3	9.5
9	19.8	5.2	20.2	8.2
9.1	21.0	6.5	17.6	6.8
9.2	22.0	7.7	13.9	5.5
9.3	23.0	8.9	8.3	4.3
9.4	23.8	10.0	2.8	3.5
9.5	24.5	11.0	9.4	3.4
9.6	25.1	11.9	14.0	3.9
9.7	25.5	12.7	17.0	4.6
9.8	26.0	13.3	19.1	5.8
9.9	26.3	13.8	20.7	6.8
10	26.5	14.2	21.9	7.7
10.1	26.7	14.6	22.9	8.6
10.2	26.8	14.9	23.7	9.4
10.3	26.9	15.1	24.4	10.0
10.4	26.9	15.2	25.0	10.6
10.5	26.8	15.3	25.4	11.0
10.6	26.7	15.3	25.7	11.5
10.7	26.5	15.3	26.0	11.8
10.8	26.2	15.2	26.2	12.1
10.9	25.9	15.1	26.3	12.3
11	25.5	14.8	26.4	12.5
11.1	25.1	14.6	26.4	12.6
11.2	24.5	14.2	26.3	12.7
11.3	23.9	13.9	26.2	12.7
11.4	23.2	13.4	26.1	12.7
11.5	22.5	12.9	25.9	12.6
11.6	21.5	12.3	25.6	12.6
11.7	20.5	11.6	25.3	12.4
11.8	19.2	10.7	24.9	12.2
11.9	17.8	9.7	24.4	12.0
12	16.1	8.5	23.9	11.8
12.1	14.2	7.2	23.3	11.4
12.2	12.3	5.3	22.6	11.1
12.3	11.1	3.1	21.8	10.7
12.4	11.4	0.4	20.8	10.2
12.5	12.9	-3.1	19.8	9.7
12.6	14.7	-5.2	18.5	9.1
12.7	16.5	-2.9	17.1	8.5
12.8	18.0	0.7	15.2	7.8
12.9	19.2	3.3	12.9	7.0
13	20.3	5.3	9.8	6.0
13.1	21.3	7.0	5.1	5.1
13.2	22.1	8.5	-2.1	3.9
13.3	22.8	9.5	1.8	2.6
13.4	23.4	10.5	7.7	1.1
13.5	23.9	11.3	11.2	-0.6
13.6	24.3	12.0	13.6	-2.3
13.7	24.6	12.6	15.5	-3.8
13.8	24.9	13.1	17.0	-4.8
13.9	25.2	13.5	18.2	-4.0
14	25.3	13.8	19.2	-2.6
14.1	25.5	14.1	20.0	-0.9
14.2	25.5	14.4	20.7	0.6
14.3	25.5	14.6	21.3	2.1
14.4	25.5	14.7	21.8	3.3
14.5	25.4	14.8	22.2	4.2
14.6	25.3	14.8	22.6	5.2
14.7	25.1	14.9	22.9	5.9
14.8	24.9	14.9	23.1	6.6
14.9	24.6	14.8	23.3	7.1
15	24.2	14.7	23.4	7.7
15.1	23.8	14.6	23.4	8.1
15.2	23.3	14.5	23.5	8.3
15.3	22.7	14.4	23.4	8.6
15.4	22.1	14.3	23.4	8.9
15.5	21.4	14.2	23.2	9.1
15.6	20.5	14.0	23.0	9.1
15.7	19.6	13.9	22.8	9.2
15.8	18.5	13.8	22.6	9.2
15.9	17.3	13.6	22.3	9.2
16	15.8	13.5	21.9	9.2
16.1	13.9	13.4	21.5	9.1
16.2	11.8	13.3	21.0	9.0
16.3	9.2	13.2	20.5	8.8
16.4	6.3	13.1	19.9	8.6
16.5	5.2	13.0	19.2	8.5
16.6	7.2	12.9	18.5	8.1
16.7	9.9	12.8	17.7	7.9
16.8	12.2	12.8	16.8	7.5
16.9	14.1	12.7	15.9	7.2
17	15.7	12.7	15.0	6.8
17.1	16.9	12.6	14.1	6.4
17.2	18.0	12.6	13.3	5.9
17.3	18.9	12.5	12.7	5.5
17.4	19.6	12.5	12.5	5.0
17.5	20.2	12.4	12.8	4.5
17.6	20.7	12.3	13.4	3.9
17.7	21.2	12.3	14.1	3.4
17.8	21.6	12.1	14.9	2.7
17.9	21.9	12.0	15.7	2.1
18	22.1	11.8	16.6	1.6

5.7	33.2	11.0	24.2	16.3
5.8	33.4	11.9	25.8	16.1
5.9	33.6	12.6	27.1	15.9
6	33.7	13.2	28.1	15.7
6.1	33.7	13.7	28.9	15.5
6.2	33.7	14.1	29.6	15.3
6.3	33.6	14.5	30.1	15.0
6.4	33.5	14.8	30.5	14.8
6.5	33.3	14.9	30.8	14.5
6.6	33.1	15.1	31.0	14.2
6.7	32.8	15.2	31.1	13.9
6.8	32.5	15.3	31.2	13.5
6.9	32.1	15.3	31.2	13.2
7	31.7	15.3	31.1	12.9
7.1	31.2	15.3	31.0	12.5
7.2	30.6	15.2	30.8	12.1
7.3	30.0	15.1	30.6	11.7
7.4	29.3	14.9	30.2	11.4
7.5	28.6	14.8	29.9	10.9
7.6	27.7	14.6	29.4	10.6
7.7	26.7	14.3	28.9	10.3
7.8	25.6	14.0	28.3	9.9
7.9	24.4	13.6	27.6	9.6
8	23.1	13.2	26.7	9.2
8.1	21.6	12.8	25.8	9.0
8.2	20.0	12.3	24.7	8.9
8.3	18.5	11.6	23.4	8.6
8.4	17.4	11.0	21.9	8.3
8.5	17.1	10.2	20.0	8.1
8.6	17.8	9.2	17.6	7.9
8.7	19.0	8.2	14.3	7.7
8.8	20.2	7.1	9.0	7.4
8.9	21.4	5.6	-5.0	7.1
9	22.5	4.0	5.9	6.8
9.1	23.4	1.8	12.5	6.4
9.2	24.2	-0.8	16.2	5.9
9.3	24.9	-4.3	18.6	5.5
9.4	25.5	-9.3	20.5	4.9
9.5	25.9	-9.2	21.9	4.3
9.6	26.3	-4.9	23.1	3.4
9.7	26.6	-1.5	24.1	2.6
9.8	26.9	1.2	24.9	1.5
9.9	27.1	3.2	25.6	0.1
10	27.2	4.7	26.2	-1.3
10.1	27.3	6.1	26.7	-3.2
10.2	27.3	7.0	27.1	-5.0
10.3	27.2	8.0	27.5	-7.7
10.4	27.1	8.8	27.7	-7.9
10.5	26.9	9.4	28.0	-7.0
10.6	26.7	9.9	28.1	-5.1
10.7	26.4	10.5	28.3	-2.6
10.8	26.1	10.8	28.3	-0.9
10.9	25.7	11.1	28.3	0.9
11	25.3	11.3	28.3	2.0
11.1	24.8	11.5	28.3	3.5
11.2	24.2	11.6	28.2	4.5
11.3	23.6	11.6	28.0	5.4
11.4	22.9	11.6	27.8	6.2
11.5	22.2	11.5	27.6	6.9
11.6	21.5	11.4	27.4	7.6
11.7	20.7	11.2	27.1	8.1
11.8	20.0	11.0	26.7	8.6
11.9	19.5	10.7	26.3	9.0
12	19.1	10.4	25.9	9.5
12.1	18.9	10.1	25.4	9.8
12.2	19.1	9.8	24.8	10.1
12.3	19.4	9.5	24.2	10.3
12.4	19.9	9.1	23.5	10.6
12.5	20.6	8.8	22.8	10.7
12.6	21.2	8.6	21.9	10.8
12.7	21.9	8.5	21.0	11.0
12.8	22.6	8.5	20.0	11.0
12.9	23.1	8.5	18.9	11.0
13	23.7	8.8	17.6	11.0
13.1	24.1	9.2	16.2	11.0
13.2	24.6	9.5	14.6	11.0
13.3	24.9	10.0	12.9	10.9
13.4	25.2	10.5	11.1	10.7
13.5	25.5	11.1	9.6	10.6
13.6	25.7	11.5	8.9	10.4
13.7	25.8	12.1	9.3	10.2
13.8	25.9	12.6	10.7	9.7
13.9	26.0	13.0	11.7	9.0
14	26.0	13.5	12.9	9.5
14.1	26.0	13.9	14.0	9.1
14.2	25.9	14.2	14.8	8.8
14.3	25.7	14.6	15.6	8.4
14.4	25.6	14.8	16.1	7.9
14.5	25.3	15.1	16.6	7.7
14.6	25.1	15.3	17.0	7.2
14.7	24.7	15.5	17.2	6.7
14.8	24.3	15.7	17.4	6.3
14.9	23.9	15.8	17.4	5.9
15	23.4	15.9	17.4	5.5
15.1	22.9	15.9	17.2	5.1
15.2	22.2	16.0	17.0	4.7
15.3	21.5	16.0	16.7	4.3
15.4	20.8	15.9	16.3	4.0
15.5	20.0	15.9	15.7	3.7
15.6	19.1	15.8	15.0	3.5
15.7	18.2	15.7	14.2	3.2
15.8	17.3	15.6	13.2	3.0
15.9	16.4	15.5	12.2	3.0
16	15.6	15.3	10.8	2.7
16.1	15.2	15.1	9.1	2.6
16.2	15.0	14.9	7.4	2.5
16.3	15.3	14.7	5.7	2.3
16.4	15.8	14.4	5.0	2.2
16.5	16.5	14.1	6.2	2.1
16.6	17.3	13.8	8.1	2.0
16.7	18.0	13.4	10.1	1.7
16.8	18.7	13.1	12.0	1.6
16.9	19.4	12.7	13.7	1.5
17	20.0	12.3	15.1	1.1
17.1	20.5	11.8	16.2	0.8
17.2	20.9	11.3	17.3	0.8
17.3	21.3	10.9	18.2	0.6
17.4	21.6	10.3	19.1	0.3
17.5	21.9	9.8	19.8	-0.2
17.6	22.0	9.3	20.4	-0.3
17.7	22.1	8.6	21.0	-0.5
17.8	22.2	8.0	21.5	-1.0
17.9	22.3	7.5	22.0	-1.1
18	22.2	6.8	22.4	-1.1

18.1	19.1	12.7	12.7	4.0
18.2	19.6	12.8	14.0	2.5
18.3	20.1	12.9	15.1	1.1
18.4	20.5	13.1	16.1	-0.6
18.5	20.8	13.3	16.9	-2.9
18.6	21.0	13.4	17.5	-6.0
18.7	21.2	13.6	18.1	-9.9
18.8	21.4	13.8	18.6	-19.5
18.9	21.5	14.0	19.0	-21.2
19	21.5	14.2	19.3	-11.4
19.1	21.5	14.4	19.6	-7.0
19.2	21.4	14.6	19.8	-4.6
19.3	21.4	14.8	19.9	-2.4
19.4	21.2	14.9	20.0	-0.9
19.5	21.0	15.1	20.0	0.4
19.6	20.8	15.2	20.0	1.7
19.7	20.5	15.3	19.9	2.3
19.8	20.1	15.4	19.8	3.2
19.9	19.8	15.4	19.6	3.7
20	19.3	15.4	19.3	4.4
20.1	18.8	15.4	19.0	4.7
20.2	18.2	15.4	18.6	5.4
20.3	17.5	15.4	18.2	5.7
20.4	16.8	15.2	17.6	6.1
20.5	16.0	15.1	17.0	6.4
20.6	15.0	14.9	16.2	6.7
20.7	14.0	14.7	15.4	7.0
20.8	13.0	14.4	14.3	7.1
20.9	11.8	14.1	13.0	7.3
21	10.9	13.7	11.3	7.5
21.1	10.3	13.3	9.2	7.7
21.2	10.4	12.8	6.4	7.7
21.3	10.9	12.2	2.2	7.8
21.4	11.9	11.7	-4.4	7.8
21.5	13.0	11.0	-1.8	7.9
21.6	14.2	10.3	4.3	7.8
21.7	15.3	9.4	8.1	7.7
21.8	16.3	8.5	10.7	7.7
21.9	17.2	7.4	12.8	7.6
22	18.0	6.3	14.4	7.5
22.1	18.7	5.1	15.8	7.3
22.2	19.4	3.6	17.0	7.3
22.3	20.0	2.4	18.0	7.2
22.4	20.5	1.5	18.9	7.1
22.5	21.0	1.5	19.6	7.0
22.6	21.4	1.8	20.3	6.9
22.7	21.7	2.8	20.9	6.8
22.8	22.0	4.0	21.5	6.9
22.9	22.3	5.2	22.0	6.9
23	22.5	6.3	22.4	7.0
23.1	22.7	7.3	22.8	7.1
23.2	22.9	8.1	23.1	7.3
23.3	23.0	8.8	23.4	7.4
23.4	23.0	9.5	23.6	7.7
23.5	23.0	10.0	23.8	8.0
23.6	23.0	10.5	24.0	8.4
23.7	23.0	10.9	24.1	8.6
23.8	22.9	11.2	24.2	8.9
23.9	22.8	11.4	24.3	9.2
24	22.6	11.6	24.3	9.5
24.1	22.4	11.7	24.3	9.8
24.2	22.2	11.8	24.3	10.1
24.3	21.9	11.7	24.2	10.4
24.4	21.6	11.7	24.1	10.6
24.5	21.2	11.6	24.0	10.9
24.6	20.8	11.5	23.8	11.1
24.7	20.4	11.2	23.6	11.3
24.8	20.0	11.0	23.3	11.5
24.9	19.4	10.7	23.1	11.6
25	18.9	10.3	22.7	11.8
25.1	18.4	9.9	22.4	11.9
25.2	17.8	9.3	22.0	12.0
25.3	17.2	8.8	21.5	12.1
25.4	16.7	8.1	21.0	12.2
25.5	16.1	7.3	20.4	12.1
25.6	15.7	6.4	19.7	12.2
25.7	15.4	5.5	19.0	12.2
25.8	15.3	4.4	18.2	12.2
25.9	15.4	3.0	17.3	12.1
26	15.7	1.4	16.2	12.0
26.1	16.1	-0.5	15.0	11.9
26.2	16.6	-2.7	13.7	11.8
26.3	17.1	-5.8	12.2	11.5
26.4	17.7	-10.3	10.6	11.4
26.5	18.3	-16.2	9.0	11.1
26.6	18.8	-12.8	7.9	10.9
26.7	19.3	-7.8	7.8	10.5
26.8	19.8	-4.0	8.9	10.2
26.9	20.2	-1.9	10.5	9.9
27	20.6	0.0	12.1	9.4
27.1	20.9	1.4	13.5	9.0
27.2	21.2	2.4	14.8	8.5
27.3	21.4	3.4	15.9	8.0
27.4	21.7	4.1	16.9	7.4
27.5	21.8	4.8	17.8	6.9
27.6	22.0	5.2	18.6	6.5
27.7	22.1	5.7	19.3	6.1
27.8	22.2	6.0	19.9	5.7
27.9	22.3	6.2	20.4	5.5
28	22.3	6.3	20.9	5.4
28.1	22.3	6.3	21.3	5.4
28.2	22.2	6.2	21.7	5.7
28.3	22.2	6.1	22.0	5.9
28.4	22.1	5.9	22.3	6.5
28.5	21.9	5.6	22.5	6.8
28.6	21.8	5.2	22.7	7.3
28.7	21.6	4.8	22.9	7.7
28.8	21.3	4.1	23.0	8.2
28.9	21.1	3.5	23.0	8.6
29	20.8	2.8	23.1	9.1
29.1	20.4	1.9	23.1	9.4
29.2	20.0	0.7	23.1	9.7
29.3	19.6	-0.8	23.0	10.1
29.4	19.1	-2.1	23.0	10.3
29.5	18.6	-4.1	22.9	10.6
29.6	18.0	-6.6	22.7	10.8
29.7	17.4	-10.4	22.6	11.0
29.8	16.7	-15.7	22.4	11.2
29.9	16.0	-16.2	22.1	11.3
30	15.2	-11.0	21.9	11.4
30.1	14.3	-6.5	21.6	11.4
30.2	13.3	-3.9	21.3	11.5
30.3	12.2	-1.6	20.9	11.5
30.4	11.0	0.1	20.5	11.5

18.1	22.3	11.7	17.3	0.8
18.2	22.4	11.5	18.0	0.2
18.3	22.5	11.3	18.6	-0.1
18.4	22.5	11.1	19.1	-0.4
18.5	22.5	10.9	19.6	-0.6
18.6	22.4	10.7	20.0	-0.8
18.7	22.2	10.4	20.3	-0.8
18.8	22.1	10.3	20.6	-0.7
18.9	21.8	10.1	20.9	-0.6
19	21.5	9.9	21.1	-0.4
19.1	21.2	9.8	21.2	0.1
19.2	20.7	9.7	21.3	0.1
19.3	20.2	9.6	21.3	0.1
19.4	19.6	9.5	21.3	0.4
19.5	18.9	9.5	21.2	0.3
19.6	18.1	9.5	21.2	0.3
19.7	17.2	9.5	21.0	0.2
19.8	16.1	9.6	20.8	0.1
19.9	14.7	9.5	20.6	-0.4
20	13.1	9.6	20.3	-0.5
20.1	11.0	9.6	19.9	-1.2
20.2	8.2	9.6	19.5	-1.5
20.3	4.0	9.7	19.0	-2.0
20.4	-4.1	9.5	18.5	-2.6
20.5	-4.4	9.4	18.0	-3.9
20.6	4.0	9.4	17.3	-4.7
20.7	8.3	9.2	16.6	-6.3
20.8	11.2	9.0	15.8	-7.7
20.9	13.4	8.7	14.9	-9.6
21	15.1	8.4	13.9	-12.1
21.1	16.5	8.1	13.1	-15.0
21.2	17.7	7.7	12.2	-16.7
21.3	18.7	7.2	11.6	-16.0
21.4	19.6	6.7	11.4	-11.5
21.5	20.3	6.2	11.6	-8.6
21.6	21.0	5.5	12.3	-6.2
21.7	21.6	4.9	13.0	-4.6
21.8	22.2	4.0	14.0	-2.9
21.9	22.7	3.3	14.9	-1.6
22	23.1	2.3	15.9	-0.7
22.1	23.5	1.4	16.7	0.4
22.2	23.8	0.6	17.5	1.3
22.3	24.1	0.2	18.2	2.1
22.4	24.4	0.3	18.8	2.9
22.5	24.6	0.5	19.4	3.5
22.6	24.8	1.3	19.9	4.4
22.7	24.9	2.3	20.3	4.8
22.8	25.0	3.2	20.7	5.2
22.9	25.1	4.3	21.1	5.7
23	25.1	5.2	21.4	6.2
23.1	25.2	6.0	21.6	6.5
23.2	25.2	6.7	21.8	6.8
23.3	25.1	7.4	22.0	7.1
23.4	25.0	7.9	22.2	7.3
23.5	24.9	8.3	22.2	7.5
23.6	24.8	8.7	22.3	7.6
23.7	24.6	9.0	22.3	7.7
23.8	24.5	9.3	22.3	7.7
23.9	24.2	9.5	22.2	7.8
24	24.0	9.6	22.1	7.7
24.1	23.7	9.7	22.0	7.8
24.2	23.4	9.8	21.8	7.6
24.3	23.0	9.7	21.6	7.5
24.4	22.7	9.7	21.3	7.3
24.5	22.2	9.6	21.0	7.2
24.6	21.8	9.5	20.6	6.9
24.7	21.3	9.2	20.2	6.7
24.8	20.8	9.0	19.8	6.3
24.9	20.2	8.7	19.2	6.0
25	19.6	8.4	18.7	5.6
25.1	18.9	8.0	18.0	5.3
25.2	18.2	7.5	17.2	4.7
25.3	17.4	7.0	16.3	4.3
25.4	16.6	6.4	15.4	3.8
25.5	15.8	5.8	14.2	3.3
25.6	15.1	5.1	13.0	2.7
25.7	14.4	4.1	11.5	2.3
25.8	13.9	3.2	9.9	1.8
25.9	13.7	2.0	8.3	1.4
26	13.7	0.8	7.3	1.1
26.1	14.0	-0.7	7.5	0.8
26.2	14.5	-2.6	8.5	0.7
26.3	15.2	-5.0	10.1	0.6
26.4	15.8	-7.9	11.8	0.8
26.5	16.4	-10.2	13.2	0.9
26.6	17.0	-11.2	14.5	1.1
26.7	17.6	-9.5	15.6	1.5
26.8	18.1	-6.4	16.6	1.9
26.9	18.6	-4.2	17.5	2.3
27	19.1	-2.4	18.3	2.7
27.1	19.4	-1.1	19.0	2.9
27.2	19.8	0.4	19.6	3.4
27.3	20.1	1.3	20.2	3.7
27.4	20.3	2.0	20.6	4.2
27.5	20.5	2.9	21.1	4.5
27.6	20.7	3.4	21.5	4.9
27.7	20.8	3.8	21.8	5.3
27.8	20.9	4.3	22.1	5.7
27.9	20.9	4.5	22.4	6.0
28	20.9	4.9	22.6	6.4
28.1	20.9	5.0	22.7	6.7
28.2	20.8	5.2	22.9	7.1
28.3	20.7	5.2	23.0	7.4
28.4	20.6	5.2	23.0	7.7
28.5	20.4	5.1	23.1	8.0
28.6	20.2	5.2	23.1	8.3
28.7	20.0	5.2	23.1	8.6
28.8	19.7	5.3	23.0	8.7
28.9	19.4	5.1	22.9	8.9
29	19.1	5.3	22.8	9.0
29.1	18.7	5.4	22.7	9.2
29.2	18.3	5.5	22.5	9.4
29.3	17.9	5.8	22.3	9.5
29.4	17.5	6.1	22.1	9.6
29.5	16.9	6.4	21.8	9.6
29.6	16.4	6.7	21.5	9.7
29.7	15.8	7.1	21.1	9.7
29.8	15.2	7.5	20.7	9.7
29.9	14.6	7.9	20.3	9.7
30	13.9	8.3	19.8	9.6
30.1	13.3	8.6	19.2	9.5
30.2	12.7	9.0	18.7	9.5
30.3	12.1	9.4	18.0	9.3
30.4	11.5	9.7	17.2	9.2

18.1	22.1	6.0	22.7	-1.9
18.2	22.0	5.4	23.0	-1.9
18.3	21.8	4.5	23.3	-2.4
18.4	21.5	3.9	23.6	-2.1
18.5	21.2	3.1	23.7	-2.3
18.6	20.8	2.4	23.9	-2.4
18.7	20.4	1.7	24.0	-2.3</

30.5	9.9	1.3	20.0	11.4
30.6	8.6	2.5	19.5	11.3
30.7	7.6	3.6	19.0	11.2
30.8	6.9	4.4	18.4	11.1
30.9	6.6	5.3	17.8	10.9
31	7.2	5.9	17.1	10.6
31.1	7.9	6.5	16.4	10.3
31.2	8.8	7.0	15.7	10.0
31.3	9.8	7.5	14.9	9.7
31.4	10.7	8.0	14.1	9.2
31.5	11.6	8.4	13.4	8.7
31.6	12.3	8.7	12.7	8.2
31.7	13.0	9.0	12.3	7.6
31.8	13.5	9.2	12.0	6.9
31.9	14.0	9.5	12.0	6.2
32	14.4	9.7	12.2	5.5
32.1	14.7	9.9	12.6	4.6
32.2	15.0	10.0	13.1	3.6
32.3	15.2	10.1	13.8	2.6
32.4	15.3	10.1	14.3	1.7
32.5	15.4	10.2	14.9	0.8
32.6	15.5	10.2	15.5	0.3
32.7	15.5	10.2	16.0	0.2
32.8	15.4	10.1	16.4	0.8
32.9	15.3	10.0	16.9	1.4
33	15.1	9.9	17.2	2.4
33.1	14.9	9.8	17.6	3.5
33.2	14.7	9.7	17.8	4.5
33.3	14.4	9.5	18.1	5.4
33.4	14.0	9.3	18.3	6.3
33.5	13.6	9.1	18.5	7.1
33.6	13.2	8.9	18.5	7.8
33.7	12.6	8.7	18.6	8.4
33.8	12.0	8.5	18.7	8.9
33.9	11.3	8.3	18.7	9.5
34	10.6	8.0	18.7	9.8
34.1	9.6	7.7	18.6	10.2
34.2	8.6	7.5	18.5	10.6
34.3	7.6	7.2	18.4	10.9
34.4	6.3	6.9	18.2	11.1
34.5	5.1	6.6	18.0	11.3
34.6	4.1	6.4	17.7	11.5
34.7	3.5	6.0	17.5	11.5
34.8	3.7	5.8	17.1	11.6
34.9	4.6	5.4	16.8	11.6
35	5.9	5.0	16.3	11.6
35.1	7.2	4.8	15.9	11.6
35.2	8.5	4.4	15.3	11.5
35.3	9.7	4.1	14.7	11.4
35.4	10.8	3.8	14.1	11.2
35.5	11.9	3.2	13.3	11.1
35.6	12.7	3.0	12.4	10.9
35.7	13.6	2.6	11.5	10.6
35.8	14.3	2.4	10.5	10.4
35.9	15.0	2.2	9.4	10.0
36	15.6	2.0	8.1	9.6
36.1	16.2	2.1	6.8	9.2
36.2	16.8	2.0	5.7	8.8
36.3	17.2	2.1	4.8	8.3
36.4	17.7	2.4	4.6	7.8
36.5	18.1	2.8	5.0	7.1
36.6	18.4	3.1	6.1	6.6
36.7	18.7	3.4	7.1	6.0
36.8	19.0	3.8	8.3	5.3
36.9	19.2	4.4	9.4	4.7
37	19.5	4.7	10.4	4.1
37.1	19.6	5.2	11.3	3.5
37.2	19.8	5.6	12.1	3.1
37.3	19.9	5.9	12.8	2.9
37.4	20.0	6.4	13.4	3.0
37.5	20.0	6.6	13.9	3.2
37.6	20.1	7.0	14.5	3.7
37.7	20.0	7.2	14.9	4.3
37.8	20.0	7.5	15.2	4.9
37.9	20.0	7.7	15.5	5.5
38	19.9	8.0	15.8	6.2
38.1	19.8	8.1	16.0	6.8
38.2	19.7	8.3	16.2	7.4
38.3	19.4	8.4	16.3	7.9
38.4	19.2	8.5	16.4	8.5
38.5	19.0	8.6	16.5	8.8
38.6	18.8	8.8	16.5	9.3
38.7	18.5	8.8	16.5	9.7
38.8	18.1	8.8	16.4	10.0
38.9	17.8	8.7	16.3	10.3
39	17.3	8.7	16.2	10.5
39.1	16.9	8.6	16.0	10.8
39.2	16.4	8.6	15.8	11.0
39.3	15.8	8.5	15.6	11.1
39.4	15.1	8.4	15.3	11.3
39.5	14.5	8.2	14.9	11.3
39.6	13.7	8.0	14.5	11.4
39.7	12.8	7.8	14.0	11.4
39.8	11.8	7.5	13.6	11.4
39.9	10.8	7.2	13.0	11.4
40	9.6	7.0	12.4	11.2
40.1	8.4	6.5	11.7	11.1
40.2	7.3	6.2	10.8	11.1
40.3	6.4	5.7	10.0	10.8
40.4	5.8	5.1	9.0	10.6
40.5	6.1	4.5	8.0	10.4
40.6	7.0	4.0	6.9	10.1
40.7	8.0	3.1	6.0	9.8
40.8	9.3	2.3	5.0	9.5
40.9	10.5	1.2	4.5	9.1
41	11.6	-0.1	4.6	8.6
41.1	12.7	-1.3	5.2	8.1
41.2	13.6	-3.1	6.0	7.6
41.3	14.4	-5.0	7.2	6.9
41.4	15.2	-6.9	8.4	6.2
41.5	15.9	-9.1	9.3	5.4
41.6	16.5	-9.5	10.4	4.6
41.7	17.0	-8.0	11.4	3.7
41.8	17.5	-6.3	12.2	2.6
41.9	17.9	-3.6	12.9	1.3
42	18.4	-1.9	13.6	0.1
42.1	18.7	-0.4	14.1	-1.4
42.2	19.0	0.8	14.7	-2.8
42.3	19.3	2.1	15.2	-3.5
42.4	19.5	3.2	15.7	-3.5
42.5	19.7	3.8	16.1	-2.5
42.6	19.9	4.6	16.4	-1.1
42.7	20.1	5.2	16.7	0.4
42.8	20.2	5.8	17.0	1.6

30.5	11.1	10.0	16.4	9.0
30.6	10.9	10.2	15.5	8.8
30.7	10.7	10.6	14.5	8.5
30.8	10.7	10.8	13.3	8.4
30.9	10.8	11.0	12.0	8.1
31	11.1	11.1	10.5	7.8
31.1	11.3	11.3	8.7	7.4
31.2	11.6	11.3	6.6	7.2
31.3	11.9	11.5	4.5	6.7
31.4	12.2	11.5	2.6	6.4
31.5	12.5	11.5	2.2	6.0
31.6	12.7	11.6	3.5	5.7
31.7	12.8	11.5	5.4	5.4
31.8	12.9	11.5	7.2	5.0
31.9	13.0	11.3	8.7	4.8
32	13.0	11.2	10.1	4.5
32.1	13.0	11.0	11.3	4.4
32.2	12.9	10.8	12.2	4.2
32.3	12.7	10.5	13.0	4.3
32.4	12.5	10.2	13.7	4.2
32.5	12.2	9.8	14.3	4.3
32.6	11.9	9.4	14.8	4.5
32.7	11.4	9.0	15.2	4.8
32.8	11.0	8.5	15.6	4.9
32.9	10.4	8.0	15.8	5.2
33	9.7	7.2	16.1	5.5
33.1	9.0	6.5	16.3	5.8
33.2	8.0	5.7	16.4	6.0
33.3	7.1	4.8	16.5	6.3
33.4	5.9	3.8	16.5	6.5
33.5	4.4	2.6	16.5	6.7
33.6	2.7	1.3	16.5	6.8
33.7	0.5	-0.5	16.3	7.1
33.8	-2.2	-2.7	16.2	7.2
33.9	-3.8	-5.1	16.1	7.4
34	-3.6	-9.0	15.8	7.6
34.1	-1.2	-13.0	15.6	7.7
34.2	1.3	-11.6	15.3	7.8
34.3	3.6	-7.7	15.0	7.9
34.4	5.5	-4.2	14.6	7.9
34.5	7.1	-1.7	14.2	8.1
34.6	8.5	0.3	13.7	8.0
34.7	9.6	2.0	13.3	8.1
34.8	10.7	3.2	12.8	8.0
34.9	11.6	4.3	12.4	8.0
35	12.4	5.3	12.0	7.9
35.1	13.1	6.1	11.6	7.7
35.2	13.7	6.9	11.3	7.6
35.3	14.3	7.5	11.2	7.5
35.4	14.8	8.1	11.1	7.3
35.5	15.2	8.6	11.3	7.1
35.6	15.6	9.0	11.6	6.9
35.7	16.0	9.3	11.9	6.6
35.8	16.3	9.7	12.4	6.3
35.9	16.6	9.9	12.9	5.9
36	16.8	10.1	13.4	5.5
36.1	16.9	10.3	13.9	5.0
36.2	17.1	10.5	14.4	4.6
36.3	17.2	10.6	14.9	4.0
36.4	17.3	10.7	15.4	3.4
36.5	17.4	10.8	15.8	2.6
36.6	17.4	10.8	16.2	1.7
36.7	17.4	10.8	16.5	0.8
36.8	17.4	10.8	16.9	-0.3
36.9	17.3	10.8	17.2	-1.4
37	17.2	10.8	17.4	-2.9
37.1	17.1	10.7	17.6	-4.3
37.2	16.9	10.6	17.8	-5.5
37.3	16.7	10.5	18.0	-6.8
37.4	16.5	10.3	18.1	-8.0
37.5	16.2	10.2	18.2	-7.7
37.6	15.9	10.1	18.2	-6.4
37.7	15.6	9.8	18.3	-5.2
37.8	15.2	9.6	18.3	-3.7
37.9	14.8	9.3	18.2	-2.5
38	14.3	9.1	18.1	-1.5
38.1	13.8	8.9	18.0	-0.5
38.2	13.2	8.6	17.9	0.3
38.3	12.4	8.3	17.7	1.0
38.4	11.8	8.0	17.5	1.5
38.5	10.9	7.6	17.3	1.8
38.6	10.0	7.2	17.0	2.1
38.7	8.9	6.8	16.6	2.6
38.8	7.5	6.3	16.3	2.9
38.9	5.8	5.9	15.9	3.0
39	3.7	5.2	15.4	3.1
39.1	1.0	4.6	14.8	3.2
39.2	-2.8	4.0	14.2	3.2
39.3	-6.1	3.3	13.6	2.9
39.4	-4.2	2.5	12.8	2.8
39.5	-0.2	1.7	11.8	2.6
39.6	3.0	0.6	10.8	2.4
39.7	5.4	-0.6	9.6	2.1
39.8	7.4	-2.2	8.1	1.8
39.9	9.0	-3.8	6.3	1.3
40	10.3	-5.7	4.1	1.0
40.1	11.5	-8.3	1.4	0.2
40.2	12.5	-10.8	-3.4	-0.5
40.3	13.3	-11.1	-9.0	-1.1
40.4	14.1	-10.7	-5.6	-1.9
40.5	14.8	-8.2	-0.5	-2.5
40.6	15.4	-5.3	3.1	-3.3
40.7	16.0	-3.6	5.6	-4.2
40.8	16.5	-2.2	7.6	-4.4
40.9	17.0	-0.7	9.1	-4.7
41	17.4	0.4	10.4	-4.7
41.1	17.7	1.5	11.6	-4.0
41.2	18.1	2.2	12.5	-3.2
41.3	18.4	2.9	13.4	-2.1
41.4	18.6	3.6	14.2	-1.1
41.5	18.9	4.1	14.8	-0.1
41.6	19.1	4.6	15.4	0.7
41.7	19.3	4.9	15.9	1.8
41.8	19.4	5.3	16.4	2.8
41.9	19.6	5.5	16.8	3.6
42	19.7	5.8	17.2	4.2
42.1	19.7	5.9	17.5	4.8
42.2	19.8	6.1	17.8	5.5
42.3	19.9	6.2	18.1	6.1
42.4	19.9	6.3	18.3	6.7
42.5	19.9	6.3	18.5	7.0
42.6	19.9	6.4	18.6	7.5
42.7	19.9	6.2	18.7	8.0
42.8	19.9	6.2	18.8	8.2

30.5	7.4	11.1	11.8	5.1
30.6	8.4	10.8	10.9	5.6
30.7	9.3	10.4	9.8	6.0
30.8	10.1	10.1	8.5	6.5
30.9	10.7	9.7	7.3	6.8
31	11.3	9.4	6.0	7.1
31.1	11.7	9.0	4.4	7.5
31.2	12.0	8.5	2.9	7.7
31.3	12.2	8.0	1.9	7.8
31.4	12.4	7.6	1.2	8.1
31.5	12.5	7.0	1.0	8.3
31.6	12.5	6.6	1.6	8.5
31.7	12.5	6.0	2.5	8.5
31.8	12.3	5.5	3.3	8.6
31.9	12.0	5.0	4.2	8.7
32	11.7	4.3	4.9	8.6
32.1	11.3	3.8	5.7	8.6
32.2	10.8	3.2	6.1	8.7
32.3	10.2	2.4	6.6	8.5
32.4	9.5	1.8	6.9	8.5
32.5	8.6	1.2	7.1	8.3
32.6	7.5	0.4	7.2	8.0
32.7	6.2	-0.3	7.3	7.9
32.8	4.5	-1.5	7.0	7.7
32.9	2.2	-1.5	7.0	7.3
33	-0.8	-2.3	6.8	6.9
33.1	-5.6	-2.8	6.3	6.5
33.2	-13.9	-2.9	5.8	6.1
33.3	-7.8	-3.1	5.1	5.6
33.4	-1.7	-3.1	4.1	5.0
33.5	2.0	-2.8	3.3	4.3
33.6	4.4	-2.0	1.8	3.6
33.7	6.5	-1.3	0.0	2.8
33.8	8.0	-0.6	-2.7	1.8
33.9	9.4	0.3	-6.1	0.6
34	10.6	1.2	-11.9	-0.5
34.1	11.5	1.9	-12.7	-2.3
34.2	12.4	2.5	-6.3	-4.3
34.3	13.2	3.3	-1.9	-6.9
34.4	13.8	4.0	1.1	-10.3
34.5	14.5	4.6	3.3	-16.6
34.6	15.0	5.1	5.4	-22.0
34.7	15.5	5.7	6.9	-13.4
34.8	16.0	6.2	8.3	-8.3
34.9	16.3	6.6	9.4	-5.7
35	16.7	7.0	10.5	-3.4
35.1	17.0	7.4	11.3	-1.8
35.2	17.2	7.8	12.2	-0.1
35.3	17.5	8.2	13.0	1.2
35.4	17.7	8.4	13.6	2.0
35.5	17.8	8.7	14.2	3.1
35.6	17.9	8.9	14.8	4.0
35.7	18.0	9.1	15.3	4.7
35.8	18.0	9.2	15.7	5.3
35.9	18.1	9.4	16.1	5.8
36	18.1	9.5	16.5	6.3
36.1	18.1	9.6	16.8	6.9
36.2	18.0	9.5	17.1	7.2
36.3	17.9	9.6	17.4	7.6
36.4	17.8	9.5	17.6	7.9
36.5	17.7	9.4	17.9	8.2
36.6	17.6	9.3	18.0	8.5
36.7	17.4	9.2	18.1	8.7
36.8	17.1	9.1	18.3	8.8
36.9	16.9	8.9	18.4	9.0
37	16.6	8.8	18.4	9.1
37.1	16.3	8.6	18.5	9.1
37.2	15.9	8.4	18.5	9.2
37.3	15.5	8.1	18.5	9.2
37.4	15.1	7.9	18.4	9.1
37.5	14.5	7.5	18.3	9.0
37.6	14.0	7.2	18.2	8.9
37.7	13.4	6.8	18.1	8.8
37.8	12.7	6.3	18.0	8.6
37.9	11.8	5.9	17.8	8.4
38	10.9	5.4	17.6	8.2
38.1	10.0	4.9	17.3	8.0
38.2	8.8	4.4	17.1	7.7
38.3	7.4	3.7	16.8	7.4
38.4	5.9	2.9	16.4	7.1
38.5	4.0	2.0	16.0	6.7
38.6	1.9	1.1	15.6	6.2
38.7	-0.4	0.2	15.1	5.9
38.8	-1.6	-1.1	14.6	5.3
38.9	-0.8	-2.4	14.0	4.9
39	1.2	-4.0	13.3	4.4
39.1	3.6	-5.4	12.6	3.9
39.2	5.4	-8.1	11.7	3.3
39.3	7.0	-9.5	10.8	2.9
39.4	8.4	-10.7	9.7	2.5
39.5	9.5	-9.2	8.4	2.2
39.6	10.6	-7.2	6.9	1.8
39.7	11.5	-5.6	5.1	1.6
39.8	12.3	-4.2	2.9	1.7
39.9	13.0	-2.4	-0.2	1.8
40	13.6	-1.5	-4.0	1.9
40.1	14.1	-0.5	-7.9	2.4
40.2	14.6	0.3	-5.4	2.7
40.3	15.1	1.1	-1.2	3.2
40.4	15.5	1.7	2.1	3.8
40.5	15.8	2.2	4.2	4.2
40.6	16.1	2.7	6.0	4.8
40.7	16.4	2.8	7.4	5.3
40.8	16.7	3.2	8.7	5.8
40.9	16.9	3.3	9.6	6.2
41	17.1	3.3	10.6	6.7
41.1	17.3	3.5	11.4	7.1
41.2	17.5	3.5	12.0	7.5
41.3	17.6	3.4	12.6	7.8
41.4	17.7	3.3	13.0	8.2
41.5	17.8	3.1	13.5	8.4
41.6	17.9	2.8	14.1	8.8
41.7	17.9	2.8	14.2	8.9
41.8	17.9	2.2	14.5	9.2
41.9	18.0	2.0	14.8	9.3
42	17.9	1.5	15.0	9.5
42.1	17.9	1.0	15.1	9.6
42.2	17.8	0.4	15.3	9.7
42.3	17.7	-0.1	15.4	9.8
42.4	17.6	-0.8	15.4	9.8
42.5	17.5	-1.4	15.5	9.8
42.6	17.3	-2.2	15.4	9.8
42.7	17.1	-3.1	15.4	9.7
42.8	16.9	-3.9	15.3	9.6

42.9	20.3	6.2	17.3	2.7
43	20.4	6.7	17.5	4.0
43.1	20.4	7.0	17.7	5.0
43.2	20.4	7.3	17.9	5.7
43.3	20.4	7.5	18.1	6.5
43.4	20.4	7.7	18.2	7.1
43.5	20.4	7.8	18.3	7.9
43.6	20.3	7.9	18.3	8.4
43.7	20.2	7.9	18.4	8.9
43.8	20.1	8.0	18.4	9.4
43.9	20.0	7.9	18.4	9.8
44	19.9	7.8	18.4	10.1
44.1	19.7	7.7	18.4	10.5
44.2	19.5	7.5	18.3	10.7
44.3	19.2	7.4	18.2	10.9
44.4	19.0	7.1	18.0	11.1
44.5	18.7	6.8	17.9	11.3
44.6	18.4	6.4	17.7	11.4
44.7	18.1	5.9	17.6	11.6
44.8	17.8	5.6	17.3	11.6
44.9	17.4	5.0	17.1	11.7
45	17.0	4.4	16.8	11.7
45.1	16.6	3.7	16.5	11.7
45.2	16.2	2.9	16.2	11.7
45.3	15.7	2.0	15.8	11.6
45.4	15.2	1.1	15.5	11.6
45.5	14.7	-0.3	15.0	11.5
45.6	14.2	-1.4	14.5	11.3
45.7	13.6	-3.1	14.1	11.1
45.8	13.2	-4.9	13.5	11.0
45.9	12.6	-6.4	12.9	10.8
46	12.2	-6.7	12.3	10.6
46.1	11.7	-6.4	11.7	10.3
46.2	11.3	-5.1	11.1	9.9
46.3	11.0	-3.0	10.4	9.7
46.4	10.9	-1.7	9.6	9.4
46.5	10.6	-0.1	9.0	9.0
46.6	10.6	1.0	8.4	8.6
46.7	10.7	2.4	8.1	8.2
46.8	10.8	3.3	7.8	7.8
46.9	11.0	4.1	7.8	7.3
47	11.2	4.9	8.0	6.7
47.1	11.5	5.6	8.2	6.2
47.2	11.8	6.3	8.7	5.6
47.3	12.0	6.9	9.3	5.1
47.4	12.3	7.3	9.9	4.6
47.5	12.5	7.9	10.4	4.2
47.6	12.7	8.4	11.1	3.7
47.7	12.9	8.8	11.6	3.4
47.8	13.2	9.2	12.2	3.1
47.9	13.3	9.5	12.7	3.1
48	13.4	9.8	13.2	3.2
48.1	13.5	10.0	13.6	3.4
48.2	13.6	10.4	14.1	3.9
48.3	13.7	10.6	14.5	4.2
48.4	13.7	10.8	14.8	4.8
48.5	13.7	10.9	15.1	5.3
48.6	13.7	11.1	15.4	5.7
48.7	13.6	11.2	15.7	6.3
48.8	13.5	11.3	15.9	6.7
48.9	13.4	11.4	16.1	7.2
49	13.2	11.4	16.3	7.6
49.1	13.1	11.5	16.4	8.1
49.2	12.8	11.5	16.6	8.4
49.3	12.6	11.5	16.7	8.7
49.4	12.2	11.3	16.7	9.0
49.5	11.9	11.3	16.8	9.2
49.6	11.5	11.2	16.9	9.5
49.7	11.1	11.1	16.8	9.8
49.8	10.6	10.9	16.8	10.0
49.9	10.1	10.8	16.8	10.2
50	9.4	10.5	16.8	10.3
50.1	8.8	10.3	16.7	10.5
50.2	8.2	10.1	16.6	10.6
50.3	7.3	9.8	16.5	10.7
50.4	6.4	9.5	16.4	10.8
50.5	5.2	9.1	16.3	10.8
50.6	3.9	8.9	16.1	10.9
50.7	2.5	8.5	16.0	10.9
50.8	0.9	8.1	15.8	10.9
50.9	-1.6	7.7	15.5	10.8
51	-4.1	7.3	15.3	10.8
51.1	-8.0	6.8	15.0	10.7
51.2	-11.8	6.4	14.7	10.6
51.3	-10.6	5.9	14.4	10.5
51.4	-7.2	5.5	14.1	10.4
51.5	-3.5	4.9	13.7	10.1
51.6	-1.3	4.4	13.3	10.0
51.7	0.7	3.8	12.8	9.8
51.8	2.4	3.3	12.3	9.5
51.9	3.7	2.8	11.8	9.3
52	4.8	2.4	11.2	9.0
52.1	5.8	2.1	10.6	8.7
52.2	6.6	1.7	9.9	8.4
52.3	7.3	1.6	9.1	8.0
52.4	8.0	1.6	8.3	7.6
52.5	8.6	1.8	7.2	7.2
52.6	9.2	2.3	6.2	6.7
52.7	9.6	2.8	4.9	6.3
52.8	10.1	3.4	3.5	5.7
52.9	10.5	4.0	1.9	5.2
53	10.8	4.5	-0.2	4.6
53.1	11.2	5.2	-2.0	4.0
53.2	11.4	5.8	-4.3	3.3
53.3	11.7	6.4	-5.2	2.6
53.4	11.9	6.9	-4.4	1.9
53.5	12.1	7.4	-2.2	1.4
53.6	12.3	7.9	-0.2	0.4
53.7	12.4	8.3	1.4	-0.2
53.8	12.5	8.7	3.0	-0.7
53.9	12.6	9.0	4.2	-0.9
54	12.7	9.3	5.3	-1.2
54.1	12.7	9.7	6.3	-1.2
54.2	12.7	10.0	7.1	-0.9
54.3	12.7	10.2	7.8	-0.4
54.4	12.7	10.4	8.4	0.0
54.5	12.6	10.7	8.9	0.6
54.6	12.6	10.8	9.6	1.3
54.7	12.4	11.0	10.1	1.9
54.8	12.3	11.2	10.5	2.4
54.9	12.1	11.3	10.9	3.0
55	12.0	11.4	11.2	3.4
55.1	11.8	11.6	11.5	4.0
55.2	11.6	11.7	11.8	4.5

42.9	19.8	6.1	18.9	8.6
43	19.7	5.9	18.9	8.9
43.1	19.6	5.8	18.9	9.1
43.2	19.5	5.4	18.9	9.3
43.3	19.4	5.2	18.9	9.5
43.4	19.2	4.9	18.8	9.6
43.5	19.0	4.7	18.7	9.8
43.6	18.8	4.2	18.6	9.9
43.7	18.6	3.8	18.4	10.0
43.8	18.4	3.3	18.3	10.0
43.9	18.1	2.8	18.1	10.0
44	17.8	2.1	17.8	10.1
44.1	17.5	1.4	17.6	10.0
44.2	17.2	0.9	17.3	9.9
44.3	16.9	0.1	16.9	9.8
44.4	16.5	-0.6	16.6	9.7
44.5	16.2	-1.2	16.2	9.6
44.6	15.8	-2.1	15.7	9.5
44.7	15.4	-2.3	15.3	9.3
44.8	15.1	-2.5	14.7	9.1
44.9	14.7	-2.7	14.2	8.8
45	14.3	-2.4	13.5	8.6
45.1	14.0	-2.0	12.9	8.2
45.2	13.7	-1.4	12.1	7.9
45.3	13.4	-0.6	11.3	7.5
45.4	13.2	0.1	10.5	7.0
45.5	13.0	0.8	9.5	6.6
45.6	12.9	1.7	8.5	6.1
45.7	12.8	2.3	7.5	5.5
45.8	12.7	2.9	6.5	4.9
45.9	12.8	3.7	5.6	4.2
46	12.8	4.3	5.1	3.4
46.1	12.9	4.7	5.0	2.5
46.2	13.0	5.4	5.3	1.5
46.3	13.2	5.8	6.0	0.1
46.4	13.4	6.2	6.9	-1.1
46.5	13.5	6.6	7.8	-2.9
46.6	13.7	6.9	8.6	-4.8
46.7	13.9	7.3	9.6	-7.4
46.8	14.1	7.5	10.4	-9.7
46.9	14.2	7.7	11.1	-11.3
47	14.4	8.0	11.8	-10.5
47.1	14.5	8.0	12.5	-8.4
47.2	14.6	8.2	12.9	-5.9
47.3	14.7	8.3	13.5	-3.9
47.4	14.7	8.4	14.0	-2.5
47.5	14.8	8.5	14.4	-0.8
47.6	14.9	8.4	14.8	0.4
47.7	14.9	8.5	15.1	1.5
47.8	14.9	8.5	15.3	2.4
47.9	14.8	8.3	15.6	3.0
48	14.8	8.3	15.9	3.8
48.1	14.6	8.2	16.1	4.4
48.2	14.6	8.0	16.3	5.1
48.3	14.4	7.7	16.4	5.5
48.4	14.2	7.6	16.5	6.1
48.5	14.0	7.3	16.6	6.5
48.6	13.8	7.0	16.7	6.9
48.7	13.5	6.7	16.7	7.2
48.8	13.2	6.3	16.8	7.4
48.9	12.9	5.9	16.7	7.8
49	12.5	5.5	16.7	8.0
49.1	12.1	5.2	16.7	8.2
49.2	11.7	4.6	16.6	8.3
49.3	11.2	4.1	16.6	8.5
49.4	10.6	3.7	16.4	8.6
49.5	10.0	3.2	16.3	8.6
49.6	9.3	2.5	16.2	8.6
49.7	8.6	2.1	16.0	8.6
49.8	7.7	1.6	15.8	8.6
49.9	6.9	1.4	15.6	8.6
50	6.0	1.0	15.3	8.5
50.1	4.9	1.1	15.0	8.4
50.2	3.7	1.1	14.7	8.3
50.3	2.5	1.0	14.4	8.2
50.4	1.5	1.4	14.0	8.1
50.5	0.6	1.8	13.6	7.9
50.6	0.1	2.3	13.1	7.7
50.7	0.1	2.7	12.6	7.5
50.8	0.9	3.2	12.1	7.3
50.9	1.9	3.8	11.4	6.9
51	2.9	4.4	10.8	6.6
51.1	3.9	4.8	10.1	6.3
51.2	5.1	5.3	9.3	6.0
51.3	6.0	5.8	8.5	5.5
51.4	6.8	6.2	7.5	5.1
51.5	7.8	6.6	6.5	4.5
51.6	8.4	7.0	5.3	3.9
51.7	9.0	7.4	4.0	3.3
51.8	9.6	7.8	2.6	2.5
51.9	10.1	8.1	1.1	1.9
52	10.5	8.4	-0.2	0.9
52.1	11.0	8.7	-1.3	0.0
52.2	11.4	9.0	-1.6	-1.0
52.3	11.7	9.2	-0.9	-2.7
52.4	12.0	9.4	0.2	-4.1
52.5	12.3	9.6	1.6	-5.8
52.6	12.5	9.8	2.9	-7.2
52.7	12.7	9.9	4.1	-9.9
52.8	12.9	10.1	5.0	-10.8
52.9	13.0	10.2	6.1	-10.7
53	13.1	10.2	7.0	-9.2
53.1	13.2	10.3	7.6	-6.8
53.2	13.3	10.3	8.4	-5.1
53.3	13.5	10.4	9.1	-3.5
53.4	13.5	10.4	9.6	-2.4
53.5	13.5	10.4	10.1	-0.9
53.6	13.5	10.4	10.6	-0.2
53.7	13.6	10.4	11.0	0.8
53.8	13.6	10.3	11.4	1.5
53.9	13.5	10.2	11.7	2.2
54	13.5	10.1	12.0	2.8
54.1	13.5	10.1	12.3	3.4
54.2	13.4	10.0	12.6	3.9
54.3	13.3	9.8	12.8	4.4
54.4	13.2	9.7	12.9	4.9
54.5	13.1	9.6	13.1	5.3
54.6	13.0	9.3	13.2	5.7
54.7	12.8	9.2	13.3	6.1
54.8	12.7	9.0	13.4	6.4
54.9	12.5	8.8	13.4	6.7
55	12.3	8.6	13.4	7.0
55.1	12.0	8.3	13.5	7.2
55.2	11.8	8.0	13.4	7.5

42.9	16.7	-4.5	15.2	9.4
43	16.4	-5.4	15.1	9.3
43.1	16.1	-5.8	15.0	9.1
43.2	15.8	-6.2	14.7	8.9
43.3	15.5	-6.2	14.5	8.7
43.4	15.1	-5.9	14.2	8.4
43.5	14.7	-5.1	13.9	8.1
43.6	14.3	-4.0	13.6	7.8
43.7	13.9	-3.0	13.2	7.3
43.8	13.4	-1.7	12.7	6.9
43.9	13.0	-0.6	12.2	6.4
44	12.6	0.2	11.7	6.0
44.1	12.1	1.3	11.0	5.3
44.2	11.7	2.0	10.3	4.7
44.3	11.3	2.8	9.5	4.2
44.4	10.9	3.4	8.7	3.3
44.5	10.6	4.0	7.6	2.5
44.6	10.4	4.6	6.5	1.4
44.7	10.2	5.0	5.1	0.4
44.8	10.1	5.4	3.5	-0.5
44.9	10.2	5.9	1.7	-2.3
45	10.3	6.4	-0.6	-4.1
45.1	10.5	6.6	-3.1	-6.4
45.2	10.6	6.9	-4.7	-9.6
45.3	10.9	7.2	-7.2	-12.3
45.4	11.2	7.5	-1.6	-14.0
45.5	11.5	7.8	0.8	-11.5
45.6	11.8	8.0	2.7	-8.8
45.7	12.1	8.2	4.5	-6.0
45.8	12.4	8.4	5.9	-3.7
45.9	12.6	8.6	7.1	-1.9
46	12.8	8.7	8.2	-0.4
46.1	13.1	8.8	9.1	0.7
46.2	13.3	9.0	9.9	1.8
46.3	13.5	9.1	10.7	2.5
46.4	13.7	9.2	11.2	3.3
46.5	13.7	9.3	11.9	3.9
46.6	13.9	9.3	12.4	4.4
46.7	14.0	9.4	12.9	5.0
46.8	14.0	9.4	13.2	5.5
46.9	14.0	9.4	13.6	5.8
47	14.0	9.4	13.9	6.2
47.1	14.0	9.4	14.2	6.4
47.2	13.9	9.5	14.4	6.6
47.3	13.8	9.4	14.7	6.8
47.4	13.7	9.4	14.9	7.0
47.5	13.5	9.4	15.1	7.2
47.6	13.4	9.3	15.1	7.2
47.7	13.1	9.3	15.3	7.4
47.8	12.9	9.3	15.4	7.4
47.9	12.6	9.2	15.4	7.3
48	12.2	9.1	15.5	7.4
48.1	11.9	9.1	15.5	7.3
48.2	11.6	9.0	15.5	7.3
48.3	11.1	9.0	15.5	7.1
48.4	10.6	9.0	15.5	6.9
48.5	10.1	9.0	15.4	6.6
48.6	9.6	8.9	15.3	6.4
48.7	8.9	8.9	15.2	6.2
48.8	8.3	8.9	15.0	5.9
48.9	7.6	8.9	14.9	5.4
49	7.0	8.9	14.6	5.1
49.1	6.2	8.9	14.5	4.6
49.2	5.6	9.0	14.2	4.0
49.3	5.1	9.0	13.9	3.4
49.4	4.7	9.0	13.6	2.7
49.5	4.6	9.0	13.3	2.0
49.6	4.8	9.0	13.0	0.9
49.7	5.2	9.1	12.6	0.0
49.8	5.7	9.1	12.2	-1.3
49.9	6.4	9.2	11.8	-2.6
50	7.3	9.2	11.3	-4.6
50.1	8.0	9.1	10.8	-6.8
50.2	8.6	9.2	10.3	-9.3
50.3	9.3	9.2	9.7	-11.6
50.4	9.9	9.2	9.2	-11.6
50.5	10.5	9.2	8.6	-9.4
50.6	11.0	9.3	7.9	-6.7
50.7	11.6	9.2	7.2	-4.3
50.8	12.1	9.3	6.5	-2.5
50.9	12.5	9.2	5.8	-1.0
51	12.8	9.3	5.0	0.8
51.1	13.2	9.2	4.3	0.6
51.2	13.5	9.2	3.5	2.8
51.3	13.8	9.1	2.9	3.6
51.4	14.1	9.0	2.6	4.5
51.5	14.3	8.9	2.6	5.2
51.6	14.5	8.7	2.6	5.7
51.7	14.7	8.6	3.1	6.4
51.8	14.9	8.5	3.4	7.0
51.9	15.0	8.3	3.9	7.5
52	15.1	8.1	4.6	7.9
52.1	15.2	7.9	5.3	8.3
52.2	15.3	7.8	5.8	8.6
52.3	15.4	7.5	6.4	9.0
52.4	15.5	7.2	7.0	9.4
52.5	15.5	6.9	7.5	9.7
52.6	15.5	6.6	8.0	10.0
52.7	15.5	6.3	8.3	10.2
52.8	15.5	5.9	8.7	10.5
52.9	15.4	5.5	9.0	10.7
53	15.4	5.2	9.3	10.9
53.1	15.3	4.8	9.6	11.1
53.2	15.2	4.3	9.9	11.2
53.3	15.0	3.9	10.1	11.4
53.4	14.9	3.4	10.2	11.5
53.5	14.7	2.8	10.4	11.6
53.6	14.5	2.4	10.6	11.7
53.7	14.3	1.9	10.6	11.8
53.8	14.0	1.3	10.7	11.8
53.9	13.8	0.6	10.7	11.8
54	13.5	0.1	10.8	11.9
54.1	13.2	-0.8	10.8	11.9
54.2	12.8	-1.5	10.8	11.9
54.3	12.4	-2.2	10.7	11.9
54.4	12.1	-2.9	10.6	11.8
54.5	11.7	-3.4	10.5	11.8
54.6	11.3	-3.9	10.4	11.7
54.7	10.9	-4.0	10.3	11.6
54.8	10.4	-3.9	10.1	11.5
54.9	9.9	-3.4	9.9	11.4
55	9.5	-3.0	9.7	11.2
55.1	8.9	-2.3	9.5	11.1
55.2	8.4	-1.6	9.2	10.9

55.3	11.3	11.7	12.1	4.9
55.4	11.1	11.8	12.3	5.2
55.5	10.8	11.8	12.5	5.6
55.6	10.5	11.8	12.6	5.9
55.7	10.1	11.8	12.8	6.2
55.8	9.8	11.7	12.9	6.5
55.9	9.4	11.7	13.0	6.7
56	8.9	11.7	13.0	6.9
56.1	8.5	11.6	13.1	7.1
56.2	8.0	11.6	13.2	7.3
56.3	7.5	11.4	13.1	7.4
56.4	6.8	11.4	13.1	7.6
56.5	6.2	11.2	13.1	7.8
56.6	5.4	11.0	13.0	7.8
56.7	4.7	10.8	13.0	7.9
56.8	3.8	10.6	12.9	8.0
56.9	2.7	10.4	12.8	8.2
57	1.6	10.1	12.6	8.1
57.1	0.3	9.8	12.5	8.1
57.2	-1.0	9.5	12.3	8.3
57.3	-2.7	9.2	12.1	8.2
57.4	-4.6	8.8	12.0	8.2
57.5	-5.9	8.4	11.7	8.3
57.6	-7.6	7.9	11.4	8.3
57.7	-7.6	7.5	11.2	8.3
57.8	-6.9	7.0	11.0	8.3
57.9	-5.2	6.4	10.5	8.3
58	-3.7	5.9	10.1	8.3
58.1	-2.2	5.2	9.8	8.2
58.2	-1.2	4.5	9.4	8.2
58.3	0.1	3.7	8.9	8.1
58.4	0.9	2.9	8.5	8.2
58.5	1.8	1.9	7.9	8.1
58.6	2.5	0.6	7.4	8.0
58.7	3.1	-0.6	6.7	8.1
58.8	3.7	-2.2	6.0	8.0
58.9	4.2	-4.1	5.3	8.0
59	4.6	-6.6	4.4	8.0
59.1	5.2	-11.3	3.5	8.1
59.2	5.6	-18.9	2.4	8.1
59.3	6.0	-21.4	1.1	8.2
59.4	6.5	-12.4	-0.4	8.3
59.5	6.8	-7.0	-2.2	8.3
59.6	7.2	-4.3	-4.7	8.5
59.7	7.5	-2.0	-7.3	8.6
59.8	7.8	-0.4	-12.6	8.7
59.9	8.1	1.2	-26.9	8.9
60	8.2	2.4	-16.4	9.0
60.1	8.5	3.5	-9.8	9.2
60.2	8.8	4.5	-6.0	9.4
60.3	8.9	5.3	-3.1	9.4
60.4	9.0	6.0	-1.3	9.6
60.5	9.2	6.7	0.3	9.7
60.6	9.2	7.2	1.5	9.8
60.7	9.3	7.9	2.4	10.0
60.8	9.3	8.4	3.6	10.1
60.9	9.3	8.8	4.4	10.2
61	9.3	9.1	5.2	10.4
61.1	9.3	9.5	5.9	10.5
61.2	9.3	9.8	6.4	10.6
61.3	9.1	10.1	7.0	10.6
61.4	9.0	10.4	7.6	10.7
61.5	8.9	10.7	8.0	10.8
61.6	8.8	10.8	8.5	10.9
61.7	8.6	11.1	8.9	10.9
61.8	8.4	11.3	9.3	11.0
61.9	8.2	11.5	9.7	11.1
62	8.0	11.6	10.0	11.2
62.1	7.6	11.8	10.3	11.2
62.2	7.4	12.0	10.6	11.2
62.3	7.2	12.1	10.9	11.1
62.4	6.8	12.3	11.1	11.1
62.5	6.6	12.4	11.4	11.2
62.6	6.4	12.5	11.6	11.1
62.7	6.1	12.6	11.8	11.2
62.8	5.9	12.6	12.0	11.1
62.9	5.6	12.7	12.2	11.0
63	5.5	12.7	12.3	10.9
63.1	5.2	12.8	12.5	10.8
63.2	5.2	12.8	12.6	10.7
63.3	5.0	12.9	12.8	10.6
63.4	4.9	12.9	12.9	10.4
63.5	4.6	12.9	13.0	10.3
63.6	4.5	12.8	13.1	10.2
63.7	4.3	12.8	13.2	10.0
63.8	4.2	12.7	13.3	9.8
63.9	4.2	12.6	13.3	9.6
64	4.1	12.6	13.3	9.4
64.1	4.0	12.5	13.4	9.2
64.2	3.9	12.3	13.4	9.0
64.3	3.9	12.2	13.4	8.8
64.4	4.0	12.1	13.4	8.5
64.5	4.1	11.9	13.4	8.4
64.6	4.2	11.8	13.3	8.1
64.7	4.3	11.6	13.3	8.0
64.8	4.7	11.4	13.2	7.7
64.9	5.0	11.2	13.2	7.6
65	5.4	11.0	13.2	7.3
65.1	5.8	10.8	13.1	7.1
65.2	6.2	10.6	13.0	6.9
65.3	6.7	10.4	13.0	6.7
65.4	7.1	10.2	12.9	6.4
65.5	7.6	10.0	12.9	6.3
65.6	8.1	9.8	12.8	6.1
65.7	8.4	9.6	12.7	5.9
65.8	8.8	9.4	12.7	5.8
65.9	9.4	9.0	12.5	5.6
66	9.6	8.8	12.4	5.5
66.1	10.0	8.6	12.4	5.4
66.2	10.3	8.3	12.3	5.3
66.3	10.6	8.1	12.1	5.2
66.4	11.0	7.9	12.1	5.2
66.5	11.3	7.6	11.9	5.2
66.6	11.5	7.3	11.8	5.3
66.7	11.8	7.1	11.7	5.4
66.8	12.1	6.8	11.5	5.5
66.9	12.2	6.7	11.4	5.7
67	12.4	6.5	11.3	5.8
67.1	12.7	6.3	11.1	6.1
67.2	12.8	6.3	11.0	6.4
67.3	13.0	6.2	10.9	6.7
67.4	13.2	6.2	10.7	6.9
67.5	13.3	6.2	10.5	7.0
67.6	13.5	6.4	10.4	7.3

55.3	11.5	7.8	13.4	7.8
55.4	11.1	7.3	13.4	7.9
55.5	10.8	6.9	13.3	8.1
55.6	10.4	6.5	13.2	8.3
55.7	10.0	6.1	13.1	8.4
55.8	9.6	5.7	12.9	8.6
55.9	9.3	5.3	12.8	8.7
56	8.7	4.7	12.6	8.8
56.1	8.1	4.1	12.5	8.9
56.2	7.7	3.7	12.3	8.9
56.3	7.0	3.1	12.0	9.0
56.4	6.4	2.5	11.8	9.1
56.5	5.8	1.8	11.5	9.1
56.6	5.2	1.2	11.3	9.1
56.7	4.5	0.5	10.9	9.1
56.8	3.8	-0.2	10.5	9.1
56.9	2.9	-0.9	10.2	9.1
57	2.2	-1.7	9.7	9.1
57.1	1.5	-2.2	9.3	9.0
57.2	0.7	-2.3	8.7	9.0
57.3	0.3	-2.7	8.1	9.0
57.4	-0.6	-2.9	7.5	8.9
57.5	-0.9	-2.4	6.7	8.9
57.6	-1.2	-2.2	6.0	8.8
57.7	-1.1	-1.5	5.2	8.7
57.8	-1.0	-1.0	4.3	8.6
57.9	-0.6	-0.3	3.1	8.6
58	-0.2	0.3	2.0	8.5
58.1	0.3	0.8	0.6	8.4
58.2	0.9	1.2	-1.0	8.4
58.3	1.6	2.0	-3.3	8.3
58.4	2.2	2.5	-5.3	8.3
58.5	2.7	3.1	-7.5	8.1
58.6	3.2	3.5	-9.5	8.0
58.7	3.6	3.9	-9.0	7.9
58.8	4.0	4.4	-6.7	7.8
58.9	4.4	4.7	-4.4	7.7
59	4.7	5.0	-2.5	7.6
59.1	4.9	5.4	-0.8	7.4
59.2	5.3	5.8	0.6	7.3
59.3	5.4	6.0	2.1	7.2
59.4	5.6	6.3	3.0	7.1
59.5	5.7	6.4	4.0	6.9
59.6	5.8	6.6	4.7	6.8
59.7	5.8	6.7	5.5	6.6
59.8	6.0	7.0	6.1	6.4
59.9	6.1	7.1	6.8	6.3
60	6.2	7.3	7.3	6.1
60.1	6.3	7.5	7.8	5.9
60.2	6.4	7.6	8.2	5.8
60.3	6.6	7.7	8.6	5.7
60.4	6.7	7.8	9.0	5.5
60.5	6.8	8.0	9.4	5.3
60.6	6.9	8.0	9.6	5.2
60.7	7.0	8.2	10.0	5.1
60.8	7.1	8.3	10.2	4.9
60.9	7.2	8.5	10.5	4.7
61	7.3	8.6	10.6	4.6
61.1	7.5	8.6	10.8	4.5
61.2	7.5	8.7	11.0	4.4
61.3	7.5	8.8	11.1	4.4
61.4	7.6	8.8	11.2	4.1
61.5	7.5	8.9	11.3	3.9
61.6	7.6	8.8	11.3	3.8
61.7	7.6	8.8	11.4	3.7
61.8	7.5	8.8	11.5	3.6
61.9	7.5	8.7	11.5	3.5
62	7.5	8.6	11.5	3.3
62.1	7.5	8.5	11.5	3.3
62.2	7.4	8.4	11.5	3.1
62.3	7.5	8.2	11.5	3.1
62.4	7.5	8.0	11.4	3.1
62.5	7.5	7.9	11.4	3.1
62.6	7.7	7.6	11.3	3.0
62.7	7.7	7.4	11.3	2.9
62.8	7.7	7.1	11.2	3.0
62.9	7.8	6.9	11.1	3.0
63	7.9	6.6	11.0	3.1
63.1	8.1	6.3	10.9	3.2
63.2	8.3	6.0	10.8	3.2
63.3	8.4	5.7	10.6	3.3
63.4	8.6	5.5	10.4	3.3
63.5	8.8	5.2	10.3	3.5
63.6	9.1	4.9	10.1	3.6
63.7	9.3	4.6	9.9	3.7
63.8	9.4	4.2	9.6	4.0
63.9	9.7	4.0	9.4	4.2
64	9.9	3.7	9.1	4.3
64.1	10.1	3.4	8.8	4.6
64.2	10.3	3.1	8.5	4.7
64.3	10.5	2.9	8.2	5.0
64.4	10.7	2.5	7.8	5.2
64.5	10.8	2.5	7.5	5.4
64.6	11.0	2.2	7.2	5.6
64.7	11.2	2.0	6.7	5.8
64.8	11.3	1.9	6.2	5.9
64.9	11.6	1.9	5.7	6.1
65	11.7	1.9	5.2	6.3
65.1	11.9	2.0	4.8	6.6
65.2	12.0	2.0	4.0	6.7
65.3	12.2	2.2	3.5	6.9
65.4	12.3	2.6	2.7	7.1
65.5	12.5	2.8	2.0	7.3
65.6	12.7	3.1	1.2	7.3
65.7	12.8	3.4	0.2	7.4
65.8	12.9	3.9	-1.0	7.6
65.9	13.1	4.2	-1.9	7.7
66	13.1	4.6	-2.8	7.8
66.1	13.3	5.0	-3.8	7.9
66.2	13.4	5.3	-4.5	8.0
66.3	13.5	5.7	-4.7	8.0
66.4	13.6	6.0	-4.3	8.1
66.5	13.7	6.3	-3.5	8.2
66.6	13.8	6.5	-2.5	8.2
66.7	13.9	6.8	-1.2	8.3
66.8	14.0	7.2	-0.1	8.3
66.9	14.0	7.3	0.9	8.4
67	14.1	7.6	1.8	8.4
67.1	14.2	7.8	2.7	8.5
67.2	14.3	8.0	3.3	8.5
67.3	14.3	8.1	4.0	8.6
67.4	14.3	8.4	4.6	8.6
67.5	14.4	8.5	5.2	8.7
67.6	14.4	8.5	5.7	8.6

55.3	7.8	-0.8	8.9	10.7
55.4	7.3	-0.1	8.5	10.6
55.5	6.6	0.6	8.2	10.3
55.6	6.0	1.3	7.8	10.1
55.7	5.1	1.9	7.3	9.9
55.8	4.5	2.4	6.9	9.6
55.9	3.7	2.9	6.4	9.4
56	3.0	3.5	5.9	9.1
56.1	2.2	4.0	5.2	8.8
56.2	1.3	4.5	4.7	8.5
56.3	0.6	4.6	3.9	8.1
56.4	-0.2	5.2	3.1	7.8
56.5	-1.0	5.5	2.4	7.5
56.6	-1.4	5.8	1.3	7.0
56.7	-1.5	6.0	0.3	6.6
56.8	-1.6	6.4	-0.0	6.2
56.9	-1.9	6.6	-2.3	5.7
57	-1.5	6.8	-3.7	5.2
57.1	-1.2	7.0	-5.2	4.6
57.2	-1.0	7.2	-7.2	4.1
57.3	-0.4	7.3	-8.8	3.4
57.4	-0.1	7.4	-10.5	2.9
57.5	0.1	7.6	-9.5	2.3
57.6	0.3	7.5	-8.5	1.5
57.7	0.6	7.7	-5.9	0.9
57.8	0.9	7.7	-5.0	0.4
57.9	1.3	7.9	-3.2	-0.2
58	1.4	7.9	-1.8	-0.8
58.1	1.7	7.9	-0.6	-1.1
58.2	2.1	8.0	0.3	-1.3
58.3	2.3	8.1	1.1	-1.2
58.4	2.7	8.1	2.0	-1.2
58.5	3.0	8.2	2.6	-0.9
58.6	3.2	8.2	3.0	-0.5
58.7	3.5	8.2	3.7	0.1
58.8	3.7	8.3	4.2	0.3
58.9	3.9	8.3	4.7	1.0
59	4.1	8.5	5.1	1.6
59.1	4.2	8.5	5.5	2.1
59.2	4.3	8.6	5.9	2.4
59.3	4.3	8.6	6.1	2.8
59.4	4.3	8.7	6.4	3.3
59.5	4.4	8.7	6.5	3.7
59.6	4.3	8.8	6.8	3.9
59.7	4.3	8.9	7.0	4.2
59.8	4.3	9.0	7.1	4.7
59.9	4.3	9.1	7.3	4.9
60	4.3	9.1	7.3	5.2
60.1	4.3	9.2	7.4	5.4
60.2	4.4	9.2	7.4	5.7
60.3	4.6	9.3	7.4	5.9
60.4	4.8	9.4	7.4	6.0
60.5	5.0	9.4	7.5	6.3
60.6	5.3	9.5	7.4	6.6
60.7	5.7	9.5	7.4	6.8
60.8	6.0	9.5	7.3	7.0
60.9	6.4	9.5	7.3	7.1
61	6.7	9.6	7.2	7.4
61.1	7.1	9.5	7.1	7.5
61.2	7.5	9.6	7.0	7.7
61.3	7.8	9.7	7.0	7.8
61.4	8.1	9.7	6.8	8.0
61.5	8.4	9.7	6.8	8.1
61.6	8.7	9.8	6.7	8.2
61.7	8.9	9.9	6.5	8.3
61.8	9.1	9.8	6.4	8.4
61.9	9.3	9.9	6.4	8.4
62	9.5	9.9	6.2	8.5
62.1	9.7	9.9	6.1	8.5
62.2	9.8	10.0	6.0	8.5
62.3	9.9	10.1	5.8	8.5
62.4	9.9	10.1	5.8	8.6
62.5	10.0	10.1	5.7	8.4
62.6	10.1	10.2	5.7	8.5
62.7	10.2	10.3	5.6	8.4
62.8	10.3	10.2	5.6	8.3
62.9	10.3	10.3	5.6	8.2
63	10.4	10.4	5.7	8.2
63.1	10.5	10.5	5.7	8.1
63.2	10.5	10.5	5.9	8.0
63.3	10.6	10.5	6.0	7.9
63.4	10.7	10.5	6.1	7.7
63.5	10.8	10.6	6.2	7.6
63.6	10.9	10.7	6.5	7.5
63.7	11.1	10.7	6.7	7.4
63.8	11.1	10.7	7.0	7.2
63.9	11.3	10.8	7.2	7.0
64	11.4	10.9	7.5	6.9
64.1	11.5	10.8	7.8	6.8
64.2	11.6	10.8	8.1	6.6
64.3	11.6	10.9	8.3	6.3
64.4	11.7	11.0	8.7	6.2
64.5	11.8	10.9	8.9	6.0
64.6	11.9	10.9	9.1	5.8
64.7	11.9	10.9	9.4	5.6
64.8	12.0	10.9	9.7	5.4
64.9	12.0	10.9	9.9	5.2
65	12.1	10.9	10.2	4.9
65.1	12.1	10.9	10.4	4.6
65.2	12.0	10.8	10.7	4.4
65.3	12.0	10.7	10.9	4.0
65.4	12.0	10.7	11.1	3.7
65.5	11.9	10.6	11.3	3.5
65.6	11.9	10.5	11.5	3.1
65.7	11.9	10.4	11.7	2.8
65.8	11.8	10.3	11.9	2.5
65.9	11.8	10.1	12.0	2.3
66	11.8	10.0	12.2	2.0
66.1	11.8	9.8	12.3	1.7
66.2	11.8	9.7	12.5	1.5
66.3	11.7	9.6	12.6	1.2
66.4	11.8	9.5	12.6	1.1
66.5	11.7	9.4	12.7	1.0
66.6	11.7	9.3	12.9	0.7
66.7	11.7	9.2	12.9	0.6
66.8	11.7	9.1	13.1	0.6
66.9	11.7	9.0	13.1	0.5
67	11.6	8.9	13.2	0.5
67.1	11.6	8.9	13.3	0.6
67.2	11.5	8.8	13.3	0.6
67.3	11.5	8.7	13.4	0.7
67.4	11.4	8.6	13.4	0.8
67.5	11.3	8.4	13.5	0.9
67.6	11.2	8.2	13.6	1.1

67.7	13.6	6.6	10.3	7.6
67.8	13.7	6.6	10.2	7.9
67.9	13.9	6.9	10.1	8.2
68	14.0	7.1	9.9	8.4
68.1	14.1	7.2	9.8	8.6
68.2	14.2	7.5	9.7	8.8
68.3	14.3	7.8	9.6	9.0
68.4	14.4	8.0	9.5	9.3
68.5	14.5	8.2	9.5	9.5
68.6	14.5	8.4	9.4	9.6
68.7	14.6	8.6	9.4	9.8
68.8	14.7	8.8	9.3	10.0
68.9	14.8	9.0	9.3	10.2
69	14.8	9.2	9.3	10.4
69.1	14.8	9.4	9.2	10.5
69.2	14.9	9.6	9.2	10.6
69.3	14.9	9.7	9.1	10.8
69.4	15.0	9.8	9.1	10.9
69.5	15.0	10.1	9.1	11.0
69.6	15.0	10.1	9.1	11.1
69.7	15.0	10.4	9.1	11.2
69.8	15.0	10.5	9.0	11.4
69.9	15.1	10.7	9.1	11.4
70	15.0	10.8	9.1	11.5
70.1	15.0	10.9	9.1	11.6
70.2	15.0	11.0	9.2	11.7
70.3	15.0	11.2	9.2	11.7
70.4	15.0	11.2	9.3	11.8
70.5	15.0	11.4	9.2	11.8
70.6	14.9	11.5	9.4	11.9
70.7	14.9	11.5	9.5	11.9
70.8	14.9	11.6	9.6	12.0
70.9	14.8	11.7	9.6	12.0
71	14.7	11.8	9.7	12.0
71.1	14.7	11.8	9.8	12.0
71.2	14.6	11.7	9.9	12.1
71.3	14.6	11.8	9.9	12.1
71.4	14.4	11.8	10.0	12.1
71.5	14.3	11.8	10.0	12.0
71.6	14.2	11.8	10.1	12.0
71.7	14.1	11.7	10.2	11.9
71.8	14.0	11.7	10.3	11.9
71.9	13.8	11.7	10.4	11.9
72	13.7	11.6	10.4	11.8
72.1	13.6	11.6	10.4	11.7
72.2	13.5	11.6	10.5	11.7
72.3	13.3	11.5	10.6	11.6
72.4	13.2	11.4	10.6	11.6
72.5	13.0	11.4	10.7	11.5
72.6	12.9	11.3	10.7	11.4
72.7	12.7	11.3	10.8	11.3
72.8	12.6	11.2	10.8	11.2
72.9	12.5	11.2	10.9	11.1
73	12.4	11.1	11.0	11.0
73.1	12.2	11.0	11.0	10.8
73.2	12.1	11.0	11.1	10.7
73.3	11.9	10.9	11.2	10.6
73.4	11.8	10.8	11.2	10.5
73.5	11.6	10.8	11.2	10.3
73.6	11.4	10.7	11.3	10.2
73.7	11.3	10.5	11.3	10.0
73.8	11.1	10.5	11.4	9.9
73.9	10.9	10.4	11.4	9.7
74	10.6	10.3	11.5	9.6
74.1	10.4	10.1	11.5	9.4
74.2	10.1	10.1	11.5	9.3
74.3	9.9	9.9	11.5	9.0
74.4	9.6	9.8	11.5	8.9
74.5	9.4	9.5	11.5	8.6
74.6	9.1	9.4	11.4	8.5
74.7	8.8	9.2	11.4	8.2
74.8	8.5	9.1	11.4	8.0
74.9	8.3	8.8	11.3	7.7
75	7.9	8.6	11.3	7.5
75.1	7.7	8.4	11.3	7.2
75.2	7.3	8.1	11.3	6.8
75.3	7.2	7.9	11.2	6.6
75.4	6.9	7.7	11.2	6.2
75.5	6.7	7.5	11.1	5.9
75.6	6.4	7.2	11.2	5.6
75.7	6.3	7.0	11.1	5.2
75.8	6.1	6.7	11.0	4.9
75.9	6.0	6.5	11.0	4.5
76	5.9	6.2	10.9	4.0
76.1	5.9	6.0	10.9	3.7
76.2	5.8	5.8	10.8	3.3
76.3	5.7	5.5	10.8	2.9
76.4	5.7	5.4	10.8	2.4
76.5	5.7	5.1	10.6	2.0
76.6	5.6	4.9	10.6	1.5
76.7	5.6	4.7	10.6	1.1
76.8	5.6	4.6	10.5	0.7
76.9	5.6	4.3	10.5	0.3
77	5.7	4.2	10.4	-0.1
77.1	5.6	4.0	10.4	-0.5
77.2	5.6	3.8	10.3	-0.5
77.3	5.6	3.6	10.2	-0.5
77.4	5.7	3.3	10.1	-0.8
77.5	5.6	3.1	10.0	-0.7
77.6	5.8	3.0	9.9	-1.0
77.7	5.8	2.7	9.8	-0.8
77.8	6.0	2.7	9.7	-0.5
77.9	6.1	2.6	9.5	-0.3
78	6.1	2.4	9.4	-0.1
78.1	6.4	2.4	9.3	0.5
78.2	6.6	2.1	9.1	0.7
78.3	6.8	2.2	8.9	1.4
78.4	7.0	2.0	8.8	1.6
78.5	7.3	2.1	8.7	2.0
78.6	7.4	2.1	8.5	2.5
78.7	7.7	2.0	8.3	2.9
78.8	7.8	2.0	8.2	3.4
78.9	8.0	1.9	8.1	3.8
79	8.1	1.9	7.9	4.2
79.1	8.3	2.1	7.8	4.5
79.2	8.5	2.0	7.7	5.0
79.3	8.6	2.0	7.6	5.4
79.4	8.7	1.8	7.5	5.7
79.5	8.7	2.0	7.4	6.1
79.6	8.9	2.0	7.3	6.8
79.7	8.9	2.0	7.3	6.8
79.8	8.9	2.1	7.3	7.0
79.9	9.0	2.0	7.2	7.4
80	9.0	1.8	7.3	7.5

67.7	14.5	8.7	6.2	8.6
67.8	14.5	8.9	6.7	8.6
67.9	14.5	8.9	7.1	8.7
68	14.6	9.0	7.6	8.6
68.1	14.6	9.1	7.9	8.6
68.2	14.6	9.2	8.3	8.7
68.3	14.6	9.3	8.7	8.7
68.4	14.6	9.3	9.0	8.6
68.5	14.5	9.4	9.3	8.7
68.6	14.6	9.5	9.6	8.6
68.7	14.5	9.5	9.9	8.6
68.8	14.5	9.6	10.2	8.7
68.9	14.4	9.6	10.4	8.7
69	14.4	9.7	10.6	8.6
69.1	14.3	9.7	10.8	8.6
69.2	14.2	9.7	11.0	8.6
69.3	14.2	9.7	11.2	8.5
69.4	14.0	9.7	11.3	8.5
69.5	14.0	9.8	11.5	8.5
69.6	13.9	9.7	11.6	8.5
69.7	13.8	9.8	11.8	8.5
69.8	13.7	9.6	11.9	8.4
69.9	13.6	9.6	12.0	8.3
70	13.4	9.6	12.1	8.2
70.1	13.3	9.6	12.2	8.2
70.2	13.2	9.5	12.3	8.0
70.3	13.0	9.3	12.4	8.0
70.4	12.8	9.2	12.4	7.8
70.5	12.8	9.1	12.6	7.7
70.6	12.6	9.1	12.6	7.5
70.7	12.4	9.0	12.7	7.4
70.8	12.2	8.8	12.7	7.3
70.9	12.1	8.7	12.8	7.1
71	11.9	8.6	12.8	7.0
71.1	11.7	8.4	12.9	6.8
71.2	11.5	8.3	12.9	6.8
71.3	11.3	8.2	13.0	6.6
71.4	11.1	8.0	13.0	6.5
71.5	10.9	7.9	13.0	6.3
71.6	10.6	7.7	13.0	6.2
71.7	10.3	7.6	13.0	6.2
71.8	10.1	7.4	13.0	6.0
71.9	9.8	7.3	13.0	5.9
72	9.6	7.0	13.0	5.9
72.1	9.2	6.8	13.0	5.6
72.2	8.9	6.7	13.0	5.5
72.3	8.6	6.4	13.0	5.4
72.4	8.3	6.2	13.0	5.3
72.5	7.8	6.0	13.0	5.1
72.6	7.5	5.8	13.0	4.8
72.7	7.0	5.4	12.9	4.7
72.8	6.6	5.0	12.8	4.5
72.9	6.1	4.6	12.8	4.4
73	5.6	4.3	12.7	4.3
73.1	5.0	3.9	12.6	4.1
73.2	4.4	3.5	12.6	3.8
73.3	3.8	3.2	12.5	3.8
73.4	3.1	2.7	12.4	3.5
73.5	2.3	2.1	12.3	3.5
73.6	1.7	1.7	12.2	3.4
73.7	0.8	1.1	12.1	3.3
73.8	-0.3	0.4	12.0	3.3
73.9	-1.1	-0.1	11.9	3.1
74	-2.1	-1.0	11.8	3.3
74.1	-3.4	-1.6	11.6	3.2
74.2	-4.7	-2.5	11.5	3.2
74.3	-6.1	-3.3	11.4	3.1
74.4	-7.6	-3.9	11.3	3.2
74.5	-10.3	-4.7	11.1	3.2
74.6	-11.6	-5.7	11.0	3.2
74.7	-15.8	-6.7	10.8	3.3
74.8	-19.3	-8.0	10.7	3.3
74.9	-22.0	-8.8	10.6	3.8
75	-19.1	-10.6	10.4	3.2
75.1	-14.4	-12.3	10.2	3.4
75.2	-11.6	-14.5	10.1	3.5
75.3	-8.9	-16.3	9.9	3.5
75.4	-7.1	-21.4	9.6	3.5
75.5	-5.2	-32.2	9.4	3.6
75.6	-3.9	-27.7	9.2	3.8
75.7	-2.6	-17.9	9.0	3.8
75.8	-1.2	-15.5	8.7	4.0
75.9	-0.1	-13.0	8.5	4.1
76	0.8	-10.2	8.3	4.3
76.1	1.7	-9.0	7.9	4.4
76.2	2.4	-7.9	7.7	4.6
76.3	3.2	-6.5	7.5	4.7
76.4	3.9	-5.6	7.2	4.9
76.5	4.4	-4.4	6.9	5.2
76.6	5.0	-3.6	6.7	5.3
76.7	5.5	-2.8	6.5	5.5
76.8	6.1	-2.1	6.2	5.6
76.9	6.5	-1.4	5.9	5.8
77	6.9	-0.9	5.8	6.0
77.1	7.2	-0.4	5.4	6.2
77.2	7.5	0.1	5.3	6.3
77.3	7.9	0.7	5.1	6.5
77.4	8.1	0.8	4.9	6.6
77.5	8.3	1.2	4.7	6.8
77.6	8.5	1.6	4.7	7.0
77.7	8.7	1.8	4.4	7.0
77.8	8.9	2.0	4.3	7.2
77.9	9.0	2.4	4.1	7.3
78	9.2	2.6	4.0	7.4
78.1	9.3	2.7	3.8	7.4
78.2	9.4	2.9	3.7	7.5
78.3	9.6	3.0	3.5	7.5
78.4	9.7	3.2	3.3	7.5
78.5	9.9	3.5	3.3	7.6
78.6	10.0	3.4	3.2	7.6
78.7	10.1	3.7	3.2	7.6
78.8	10.3	3.9	3.1	7.6
78.9	10.4	4.1	3.2	7.6
79	10.6	4.3	3.2	7.7
79.1	10.8	4.5	3.3	7.7
79.2	10.9	4.7	3.3	7.8
79.3	11.1	4.9	3.5	7.8
79.4	11.3	5.1	3.6	7.7
79.5	11.4	5.4	4.0	7.9
79.6	11.6	5.6	4.3	7.8
79.7	11.8	5.7	4.4	7.8
79.8	11.9	6.0	4.9	7.9
79.9	12.1	6.1	5.1	8.0
80	12.2	6.2	5.3	8.0

67.7	11.1	8.0	13.6	1.0
67.8	11.0	7.9	13.7	1.3
67.9	10.8	7.7	13.8	1.4
68	10.7	7.5	13.7	1.6
68.1	10.5	7.4	13.7	1.6
68.2	10.4	7.2	13.8	1.9
68.3	10.2	7.0	13.8	1.9
68.4	10.1	6.7	13.8	2.1
68.5	9.9	6.5	13.8	2.3
68.6	9.7	6.1	13.7	2.5
68.7	9.5	5.9	13.7	2.8
68.8	9.4	5.7	13.7	2.9
68.9	9.2	5.4	13.6	3.2
69	8.9	5.1	13.6	3.3
69.1	8.7	4.7	13.5	3.5
69.2	8.5	4.4	13.5	3.7
69.3	8.4	4.1	13.4	4.0
69.4	8.1	3.7	13.3	4.1
69.5	7.8	3.4	13.2	4.2
69.6	7.6	3.2	13.1	4.4
69.7	7.4	2.8	13.0	4.6
69.8	7.1	2.4	12.9	4.8
69.9	6.9	2.2	12.8	4.9
70	6.6	1.9	12.7	4.8
70.1	6.2	1.6	12.5	5.0
70.2	5.9	1.3	12.4	5.0
70.3	5.4	1.1	12.3	5.2
70.4	5.0	0.9	12.1	5.2
70.5	4.5	0.8	12.0	5.2
70.6	4.1	0.6	11.8	5.4
70.7	3.5	0.3	11.7	5.4
70.8	2.9	0.3	11.5	5.4
70.9	2.3	-0.1	11.3	5.6
71	1.6	0.0	11.2	5.6
71.1	0.9	-0.1	11.0	5.6
71.2	0.1	-0.4	10.8	5.7
71.3	-0.7	-0.4	10.5	5.8
71.4	-1.3	-0.2	10.4	5.8
71.5	-2.3	-0.3	10.1	5.8
71.6	-2.5	-0.3	10.0	5.9
71.7	-3.0	-0.3	9.8	5.9
71.8	-3.4	-0.1	9.6	6.0
71.9	-3.2	0.3	9.5	6.0
72	-3.0	0.4	9.3	6.1
72.1	-2.8	0.6	9.1	6.2
72.2	-2.0	0.9	8.9	6.1
72.3	-1.7	1.2	8.8	6.3
72.4	-1.3	1.4	8.6	6.2
72.5	-0.7	1.7	8.4	6.3
72.6	-0.2	1.7	8.3	6.3
72.7	0.5	2.0	8.1	6.2
72.8	1.2	2.2	8.0	6.3
72.9	1.8	2.3	7.9	6.3
73	2.4	2.5	7.8	6.2
73.1	3.0	2.8	7.7	6.2
73.2	3.4	2.9	7.6	6.2
73.3	3.8	3.1	7.6	6.1
73.4	4.4	3.2	7.4	6.1
73.5	4.8	3.4	7.5	6.0
73.6	5.2	3.5	7.4	6.0
73.7	5.7	3.7	7.3	6.0
73.8	6.0	3.8	7.4	6.0
73.9	6.4	3.9	7.4	6.1
74	6.8	4.0	7.4	6.0
74.1	7.1	4.2	7.5	6.1
74.2	7.5	4.4	7.6	6.1
74.3	7.8	4.4	7.8	6.0
74.4	8.1	4.4	7.8	6.0
74.5	8.5	4.6	8.1	6.1
74.6	8.8	4.6	8.3	6.1
74.7	9.0	4.8	8.5	6.1
74.8	9.3	4.8	8.6	6.0
74.9	9.5	4.8	8.8	6.0
75	9.8	5.0	9.1	6.0
75.1	9.9	5.0	9.3	6.1
75.2	10.1	5.1	9.5	5.9
75.3	10.1	5.2	9.7	5.9
75.4	10.3	5.2	9.9	5.9
75.5	10.3	5.2	10.2	5.9
75.6	10.4	5.4	10.4	5.8
75.7	10.5	5.4	10.6	5.8
75.8	10.5	5.3	10.8	5.8
75.9	10.6	5.3	10.9	5.8
76	10.7	5.4	11.0	5.8
76.1	10.7	5.3	11.3	5.8
76.2	10.8	5.3	11.4	5.7
76.3	10.8	5.3	11.6	5.7
76.4	10.9	5.2	11.7	5.8
76.5	11.0	5.1	11.9	5.8
76.6	11.1	5.1	12.0	5.7
76.7	11.1	5.1	12.2	5.8
76.8	11.3	5.1	12.3	5.9
76.9	11.4	5.1	12.5	5.9
77	11.5	5.0	12.6	6.0
77.1	11.6	4.9	12.7	6.0
77.2	11.8	5.0	12.8	6.2
77.3	11.9	5.0	13.0	6.1
77.4	12.0	5.0	13.1	6.2
77.5	12.1	4.8	13.3	6.3
77.6	12.2	4.9	13.4	6.4
77.7	12.2	4.9	13.5	6.5
77.8	12.3	5.0	13.6	6.5
77.9	12.4	4.9	13.7	6.7
78	12.4	4.9	13.8	6.7
78.1	12.5	4.9	13.9	6.7
78.2	12.5	4.8	13.9	6.9
78.3	12.5	4.8	14.0	6.9
78.4	12.4	4.7	14.1	7.0
78.5	12.4	4.8	14.1	7.0
78.6	12.4	4.7	14.2	7.0
78.7	12.2	4.6	14.2	7.1
78.8	12.2	4.6	14.3	7.1
78.9	12.1	4.6	14.3	7.2
79	12.0	4.5	14.4	7.3
79.1	11.9	4.3	14.4	7.4
79.2	11.7	4.4	14.4	7.5
79.3	11.7	4.3	14.4	7.5
79.4	11.5	4.2	14.5	7.6
79.5	11.4	4.3	14.5	7.7
79.6	11.3	4.1	14.6	7.7
79.7	11.2	4.0	14.6	7.8
79.8	11.1	3.9	14.6	7.9
79.9	11.1	4.0	14.6	7.9
80	10.9	3.9	14.6	8.1

80.1	8.9	1.9	7.2	8.0
80.2	8.9	2.0	7.2	8.2
80.3	8.9	2.0	7.3	8.4
80.4	8.9	2.0	7.2	8.7
80.5	8.9	2.0	7.2	8.9
80.6	8.9	2.1	7.1	9.1
80.7	8.8	2.2	7.2	9.3
80.8	8.7	2.4	7.1	9.4
80.9	8.7	2.5	7.1	9.6
81	8.7	2.8	7.0	9.9
81.1	8.7	3.0	6.8	10.0
81.2	8.7	3.3	6.8	10.2
81.3	8.6	3.4	6.7	10.3
81.4	8.7	3.7	6.5	10.5
81.5	8.7	3.9	6.3	10.6
81.6	8.8	4.2	6.1	10.8
81.7	8.8	4.5	5.9	11.0
81.8	8.9	4.8	5.6	11.1
81.9	9.0	5.0	5.2	11.3
82	9.1	5.3	4.8	11.5
82.1	9.3	5.6	4.5	11.6
82.2	9.4	5.8	4.1	11.6
82.3	9.5	5.8	3.9	11.8
82.4	9.7	6.1	3.6	11.9
82.5	9.8	6.2	3.2	11.9
82.6	9.9	6.4	2.9	12.0
82.7	10.1	6.5	2.7	12.0
82.8	10.2	6.6	2.6	12.0
82.9	10.3	6.6	2.7	12.0
83	10.4	6.7	2.7	12.0
83.1	10.5	6.7	2.7	12.0
83.2	10.6	6.8	2.7	12.0
83.3	10.7	6.9	2.8	12.0
83.4	10.7	6.9	2.9	12.0
83.5	10.8	7.0	3.3	11.9
83.6	10.8	6.8	3.5	11.9
83.7	10.8	6.9	3.7	11.9
83.8	10.8	6.8	4.1	12.0
83.9	10.9	6.8	4.4	12.0
84	10.9	6.8	4.5	12.0
84.1	11.0	6.8	4.9	12.0
84.2	11.1	6.7	5.1	12.1
84.3	11.1	6.7	5.3	12.2
84.4	11.1	6.7	5.5	12.3
84.5	11.1	6.6	5.8	12.3
84.6	11.1	6.5	5.9	12.4
84.7	11.1	6.5	6.0	12.5
84.8	11.0	6.3	6.2	12.5
84.9	11.0	6.3	6.4	12.6
85	11.0	6.2	6.5	12.6
85.1	10.9	6.1	6.7	12.6
85.2	10.9	6.1	6.8	12.7
85.3	10.7	5.9	6.8	12.7
85.4	10.7	5.8	7.0	12.8
85.5	10.6	5.8	7.1	12.8
85.6	10.4	5.8	7.2	12.8
85.7	10.4	5.7	7.3	12.9
85.8	10.3	5.7	7.5	12.9
85.9	10.2	5.7	7.6	13.0
86	10.1	5.6	7.6	13.1
86.1	10.1	5.6	7.6	13.2
86.2	9.9	5.4	7.7	13.2
86.3	9.9	5.4	7.9	13.3
86.4	9.8	5.3	7.9	13.4
86.5	9.7	5.1	8.0	13.5
86.6	9.7	5.2	8.0	13.5
86.7	9.6	4.9	8.1	13.5
86.8	9.5	4.9	8.1	13.6
86.9	9.5	4.8	8.2	13.6
87	9.3	4.6	8.3	13.6
87.1	9.3	4.4	8.3	13.6
87.2	9.2	4.4	8.4	13.6
87.3	9.1	4.3	8.4	13.6
87.4	9.0	4.1	8.5	13.6
87.5	8.9	4.0	8.5	13.6
87.6	8.9	4.0	8.6	13.6
87.7	8.7	3.9	8.7	13.6
87.8	8.7	3.8	8.8	13.6
87.9	8.6	3.7	8.9	13.5
88	8.4	3.6	9.0	13.5
88.1	8.4	3.7	9.1	13.5
88.2	8.3	3.6	9.2	13.5
88.3	8.2	3.7	9.3	13.6
88.4	8.1	3.6	9.4	13.6
88.5	8.1	3.7	9.5	13.5
88.6	7.9	3.6	9.6	13.5
88.7	7.9	3.6	9.7	13.5
88.8	7.8	3.6	9.7	13.5
88.9	7.6	3.5	9.7	13.5
89	7.5	3.5	9.7	13.5
89.1	7.4	3.3	9.8	13.4
89.2	7.3	3.3	9.7	13.4
89.3	7.1	3.2	9.7	13.4
89.4	6.9	3.1	9.7	13.3
89.5	6.9	3.0	9.7	13.3
89.6	6.8	3.0	9.7	13.2
89.7	6.6	2.8	9.7	13.2
89.8	6.5	2.8	9.8	13.3
89.9	6.3	2.5	9.7	13.2
90	6.2	2.5	9.8	13.3
90.1	6.1	2.4	9.9	13.3
90.2	6.0	2.2	9.9	13.3
90.3	5.8	2.1	10.0	13.3
90.4	5.7	2.1	10.1	13.4
90.5	5.6	1.8	10.1	13.3
90.6	5.3	1.8	10.1	13.4
90.7	5.2	1.5	10.2	13.3
90.8	5.1	1.3	10.2	13.3
90.9	5.0	1.0	10.2	13.3
91	4.9	0.8	10.3	13.3
91.1	4.6	0.6	10.3	13.2
91.2	4.6	0.4	10.3	13.2
91.3	4.3	0.2	10.2	13.1
91.4	4.3	0.1	10.3	13.1
91.5	4.1	0.0	10.3	13.1
91.6	3.9	-0.2	10.3	12.9
91.7	3.7	-0.3	10.4	12.9
91.8	3.6	-0.3	10.4	12.9
91.9	3.4	-0.3	10.5	12.8
92	3.3	-0.4	10.5	12.8
92.1	3.1	-0.6	10.5	12.8
92.2	2.9	-0.6	10.5	12.7
92.3	2.8	-1.0	10.6	12.7
92.4	2.6	-1.1	10.6	12.7

80.1	12.3	6.5	5.6	8.1
80.2	12.4	6.5	5.9	8.1
80.3	12.5	6.6	6.3	8.2
80.4	12.6	6.8	6.5	8.3
80.5	12.6	6.8	6.7	8.4
80.6	12.7	6.8	6.9	8.6
80.7	12.8	6.7	7.2	8.6
80.8	12.9	6.6	7.5	8.7
80.9	12.9	6.6	7.6	8.9
81	13.0	6.6	7.8	9.0
81.1	13.0	6.4	8.0	9.0
81.2	13.0	6.4	8.2	9.2
81.3	13.1	6.1	8.4	9.3
81.4	13.1	6.0	8.5	9.4
81.5	13.1	5.8	8.6	9.5
81.6	13.1	5.8	8.7	9.6
81.7	13.1	5.5	8.7	9.7
81.8	13.1	5.4	8.8	9.7
81.9	13.0	5.3	8.9	9.8
82	13.0	5.2	9.0	9.8
82.1	12.9	5.2	9.1	9.9
82.2	12.9	5.1	9.3	9.9
82.3	12.8	5.0	9.4	9.9
82.4	12.7	5.0	9.5	9.9
82.5	12.6	5.0	9.7	9.9
82.6	12.5	5.0	9.8	10.0
82.7	12.3	5.0	9.9	10.0
82.8	12.2	5.1	10.1	10.0
82.9	12.1	5.2	10.2	10.0
83	12.0	5.2	10.4	10.1
83.1	11.9	5.3	10.4	10.1
83.2	11.7	5.3	10.7	10.1
83.3	11.6	5.5	10.8	10.3
83.4	11.5	5.5	10.9	10.4
83.5	11.5	5.6	11.1	10.5
83.6	11.4	5.6	11.2	10.6
83.7	11.3	5.7	11.4	10.7
83.8	11.3	5.8	11.5	10.8
83.9	11.2	5.7	11.6	10.9
84	11.1	5.8	11.7	11.0
84.1	11.1	5.8	11.8	11.1
84.2	11.0	5.8	11.8	11.0
84.3	11.0	5.7	11.9	11.0
84.4	11.0	5.6	12.0	10.9
84.5	11.0	5.6	12.0	10.9
84.6	11.0	5.6	12.0	10.8
84.7	11.0	5.5	12.0	10.7
84.8	11.0	5.4	12.1	10.6
84.9	11.0	5.4	12.1	10.5
85	11.0	5.4	12.1	10.4
85.1	11.0	5.3	12.1	10.4
85.2	11.0	5.3	12.2	10.3
85.3	11.0	5.2	12.2	10.2
85.4	11.1	5.1	12.3	10.2
85.5	11.1	5.0	12.4	10.2
85.6	11.1	5.0	12.4	10.2
85.7	11.0	4.8	12.4	10.2
85.8	11.0	4.8	12.5	10.3
85.9	11.0	4.7	12.4	10.2
86	10.9	4.6	12.4	10.2
86.1	11.0	4.6	12.4	10.2
86.2	10.8	4.4	12.5	10.2
86.3	10.8	4.5	12.4	10.1
86.4	10.7	4.4	12.4	10.2
86.5	10.5	4.4	12.4	10.1
86.6	10.4	4.3	12.4	10.1
86.7	10.4	4.4	12.5	10.2
86.8	10.2	4.4	12.5	10.0
86.9	10.1	4.3	12.5	10.0
87	10.0	4.3	12.6	10.1
87.1	9.9	4.2	12.6	10.1
87.2	9.8	4.2	12.6	10.0
87.3	9.7	4.2	12.6	10.0
87.4	9.6	4.1	12.7	10.0
87.5	9.6	4.0	12.6	10.0
87.6	9.5	3.9	12.6	9.9
87.7	9.4	3.8	12.6	9.9
87.8	9.4	3.7	12.6	9.9
87.9	9.3	3.5	12.5	10.0
88	9.3	3.4	12.5	9.9
88.1	9.2	3.3	12.5	9.9
88.2	9.1	3.0	12.5	10.0
88.3	9.0	3.0	12.5	10.0
88.4	9.0	2.8	12.5	9.9
88.5	8.9	2.6	12.4	10.0
88.6	8.9	2.5	12.4	10.0
88.7	8.8	2.3	12.5	10.0
88.8	8.6	2.1	12.5	9.9
88.9	8.6	2.1	12.4	9.9
89	8.5	2.0	12.5	9.9
89.1	8.5	1.9	12.4	9.8
89.2	8.3	2.0	12.4	9.9
89.3	8.2	1.7	12.4	9.8
89.4	8.2	1.7	12.4	9.8
89.5	8.0	1.6	12.4	9.7
89.6	8.0	1.6	12.4	9.6
89.7	7.9	1.5	12.4	9.6
89.8	7.8	1.4	12.3	9.5
89.9	7.7	1.3	12.3	9.5
90	7.5	1.2	12.3	9.5
90.1	7.4	1.0	12.4	9.4
90.2	7.3	1.0	12.3	9.4
90.3	7.1	0.9	12.3	9.4
90.4	7.1	0.7	12.3	9.3
90.5	7.0	0.5	12.3	9.2
90.6	6.9	0.4	12.3	9.2
90.7	6.7	0.5	12.3	9.2
90.8	6.7	0.3	12.3	9.2
90.9	6.5	0.1	12.3	9.1
91	6.4	0.0	12.3	9.1
91.1	6.3	-0.2	12.3	9.1
91.2	6.3	-0.2	12.3	9.0
91.3	6.2	-0.3	12.2	9.0
91.4	6.1	-0.4	12.2	8.9
91.5	6.0	-0.5	12.1	8.8
91.6	5.9	-0.5	12.1	8.8
91.7	5.9	-0.7	12.0	8.7
91.8	5.8	-1.0	11.9	8.6
91.9	5.7	-1.1	11.9	8.6
92	5.7	-1.0	11.8	8.5
92.1	5.5	-1.1	11.8	8.5
92.2	5.5	-1.1	11.7	8.4
92.3	5.2	-1.2	11.7	8.3
92.4	5.2	-1.4	11.7	8.2

80.1	10.9	3.7	14.6	8.2
80.2	10.8	3.6	14.7	8.3
80.3	10.8	3.8	14.7	8.4
80.4	10.7	3.6	14.7	8.6
80.5	10.7	3.6	14.7	8.7
80.6	10.7	3.6	14.8	8.9
80.7	10.7	3.7	14.8	9.0
80.8	10.7	3.9	14.8	9.2
80.9	10.8	4.0	14.8	9.3
81	10.8	4.1	14.9	9.4
81.1	10.7	4.2	14.9	9.6
81.2	10.7	4.5	14.8	9.7
81.3	10.6	4.5	14.9	9.9
81.4	10.7	4.7	14.9	10.0
81.5	10.7	4.8	14.9	10.1
81.6	10.6	5.0	14.9	10.2
81.7	10.7	5.0	14.9	10.3
81.8	10.7	5.1	14.8	10.4
81.9	10.7	5.1	14.8	10.4
82	10.7	5.1	14.8	10.4
82.1	10.8	5.1	14.8	10.4
82.2	10.8	5.1	14.7	10.3
82.3	10.9	5.0	14.7	10.3
82.4	10.9	4.9	14.6	10.4
82.5	11.0	4.8	14.6	10.5
82.6	11.1	4.7	14.6	10.5
82.7	11.2	4.5	14.6	10.5
82.8	11.3	4.4	14.5	10.6
82.9	11.3	4.1	14.5	10.7
83	11.4	4.1	14.4	10.8
83.1	11.3	3.9	14.3	10.8
83.2	11.4	3.7	14.3	10.9
83.3	11.3	3.6	14.2	10.9
83.4	11.2	3.3	14.1	10.9
83.5	11.2	3.4	14.0	11.0
83.6	11.0	3.2	13.9	11.0
83.7	10.9	3.2	13.9	11.0
83.8	10.7	3.1	13.8	10.9
83.9	10.5	3.2	13.8	10.8
84	10.2	2.9	13.8	10.6
84.1	10.1	3.1	13.8	10.5
84.2	9.9	3.1	13.8	10.4
84.3	9.6	3.2	13.8	10.2
84.4	9.4	3.3	13.8	10.1
84.5	9.2	3.4	13.8	9.9
84.6	8.9	3.4	13.9	9.9
84.7	8.7	3.4	13.9	9.8
84.8	8.3	3.6	13.9	9.7
84.9	8.2	3.5	13.9	9.7
85	7.9	3.8	13.8	9.7
85.1	7.8	3.7	13.8	9.7
85.2	7.5	3.7	13.8	9.8
85.3	7.3	3.8	13.7	9.8
85.4	7.2	3.7	13.7	9.9
85.5	7.0	3.7	13.6	9.9
85.6	6.8	3.6	13.6	10.1
85.7	6.6	3.6	13.5	10.2
85.8	6.6	3.5	13.5	10.2
85.9	6.4	3.5	13.4	10.2
86	6.4	3.5	13.3	10.3
86.1	6.3	3.4	13.3	10.3
86.2	6.2	3.4	13.3	10.3
86.3	6.1	3.3	13.2	10.3
86.4	6.0	3.4	13.1	10.3
86.5	6.0	3.4	13.1	10.3
86.6	5.8	3.3	13.0	10.3
86.7	5.7	3.2	12.9	10.2
86.8	5.6	3.3	12.9	10.1
86.9	5.4	3.2	12.7	10.1
87	5.4	3.1	12.6	10.0
87.1	5.2	3.1	12.6	10.0
87.2	5.0	3.1	12.5	9.9
87.3	4.7	3.0	12.4	9.9
87.4	4.6	3.0	12.3	9.9
87.5	4.4	3.1	12.2	9.9
87.6	4.1	3.1	12.1	9.9
87.7	3.9	3.3	12.1	9.8
87.8	3.5	3.2	12.0	9.7
87.9	3.5	3.3	11.9	9.8
88	3.1	3.4	11.8	9.8
88.1	2.8	3.4	11.8	9.7
88.2	2.7	3.4	11.7	9.7
88.3	2.5	3.4	11.7	9.7
88.4	2.4	3.3	11.5	9.7
88.5	2.3	3.5	11.5	9.6
88.6	2.2	3.3	11.5	9.7
88.7	2.0	3.4	11.4	9.6
88.8	1.8	3.3	11.4	9.6
88.9	1.6	3.3	11.3	9.6
89	1.5	3.2	11.3	9.6
89.1	1.4	3.2	11.2	9.5
89.2	1.2	3.1	11.2	9.5
89.3	1.2	3.0	11.1	9.5
89.4	1.0	3.0	11.1	9.5
89.5	1.0	3.0	11.0	9.5
89.6	0.9	2.8	10.9	9.4
89.7	0.7	2.8	10.7	9.3
89.8	0.4	2.9	10.6	9.3
89.9	0.3	2.8	10.4	9.2
90	0.1	2.7	10.2	9.1
90.1	-0.2	2.6	10.1	9.0
90.2	-0.3	2.6	10.0	8.9
90.3	-0.5	2.6	9.8	8.8
90.4	-0.5	2.6	9.8	8.8
90.5	-0.7	2.5	9.6	8.8
90.6	-0.8	2.5	9.6	8.7
90.7	-1.0	2.5	9.4	8.7
90.8	-1.1	2.6	9.4	8.6
90.9	-1.3	2.5	9.4	8.6
91	-1.6	2.4	9.3	8.6
91.1	-1.7	2.4	9.2	8.6
91.2	-1.8	2.4	9.2	8.5
91.3	-1.8	2.1	9.1	8.5
91.4	-1.9	2.1	9.0	8.4
91.5	-1.9	2.2	9.0	8.4
91.6	-2.0	2.1	8.8	8.3
91.7	-2.1	2.2	8.8	8.2
91.8	-2.1	2.1	8.6	8.1
91.9	-2.3	2.2	8.6	7.9
92	-2.4	2.2	8.5	8.0
92.1	-2.4	2.2	8.4	7.9
92.2	-2.3	2.0	8.3	7.9
92.3	-2.5	2.0	8.1	7.9
92.4	-2.7	2.1	8.1	7.7

92.5	2.4	-1.1	10.6	12.7
92.6	2.5	-1.2	10.7	12.7
92.7	2.2	-1.4	10.7	12.7
92.8	2.1	-1.6	10.7	12.6
92.9	2.0	-1.6	10.6	12.6
93	1.8	-1.9	10.7	12.6
93.1	1.6	-2.0	10.7	12.6
93.2	1.5	-1.9	10.7	12.5
93.3	1.4	-2.3	10.7	12.6
93.4	1.3	-2.2	10.7	12.5
93.5	1.0	-2.1	10.7	12.5
93.6	0.9	-2.7	10.7	12.5
93.7	0.8	-2.4	10.7	12.4
93.8	0.8	-2.4	10.7	12.4
93.9	0.6	-2.6	10.7	12.3
94	0.4	-2.8	10.7	12.3
94.1	0.5	-2.7	10.7	12.2
94.2	0.3	-2.8	10.7	12.2
94.3	0.0	-3.1	10.7	12.1
94.4	-0.1	-3.3	10.6	12.1
94.5	-0.2	-3.3	10.6	12.0
94.6	-0.5	-3.5	10.6	12.0
94.7	-1.0	-3.8	10.6	12.0
94.8	-1.0	-3.7	10.6	11.9
94.9	-1.3	-4.1	10.6	12.0
95	-1.8	-4.3	10.6	11.9
95.1	-2.3	-4.5	10.6	11.9
95.2	-2.8	-4.9	10.6	11.9
95.3	-3.1	-5.0	10.6	11.8
95.4	-3.5	-5.3	10.6	11.8
95.5	-4.0	-5.0	10.6	11.8
95.6	-4.8	-5.6	10.7	11.7
95.7	-4.8	-5.4	10.7	11.7
95.8	-5.0	-5.8	10.7	11.6
95.9	-5.5	-6.2	10.7	11.6
96	-5.3	-6.5	10.7	11.6
96.1	-5.7	-6.4	10.7	11.5
96.2	-5.8	-6.5	10.7	11.5
96.3	-6.2	-6.8	10.7	11.5
96.4	-6.3	-7.3	10.7	11.5
96.5	-6.1	-7.3	10.7	11.4
96.6	-6.3	-7.5	10.6	11.4
96.7	-6.1	-7.7	10.7	11.4
96.8	-6.5	-7.7	10.7	11.4
96.9	-6.7	-7.9	10.6	11.3
97	-6.2	-7.9	10.6	11.3
97.1	-6.8	-8.2	10.7	11.3
97.2	-6.5	-7.9	10.6	11.2
97.3	-6.6	-7.5	10.6	11.2
97.4	-6.6	-7.7	10.6	11.2
97.5	-6.5	-7.4	10.6	11.1
97.6	-6.5	-7.6	10.6	11.0
97.7	-6.4	-7.6	10.5	11.0
97.8	-6.7	-7.5	10.5	10.9
97.9	-6.7	-7.4	10.5	10.9
98	-6.5	-7.4	10.4	10.8
98.1	-6.3	-7.4	10.5	10.8
98.2	-6.9	-7.5	10.4	10.7
98.3	-7.4	-7.7	10.4	10.7
98.4	-7.5	-7.7	10.3	10.6
98.5	-7.6	-8.0	10.3	10.6
98.6	-7.8	-7.8	10.3	10.6
98.7	-8.1	-7.8	10.3	10.5
98.8	-8.8	-7.9	10.2	10.4
98.9	-8.9	-8.1	10.2	10.4
99	-9.2	-8.3	10.2	10.4
99.1	-9.1	-8.8	10.1	10.3
99.2	-10.1	-8.5	10.1	10.2
99.3	-9.9	-8.6	10.1	10.2
99.4	-11.1	-8.5	10.1	10.2
99.5	-10.9	-8.7	10.0	10.1
99.6	-10.8	-8.4	10.0	10.0
99.7	-11.5	-8.6	10.0	10.1
99.8	-11.1	-8.7	9.9	9.9
99.9	-11.1	-8.6	9.9	9.9
100	-12.3	-8.6	10.0	9.8
100.1	-12.3	-8.4	9.9	9.8
100.2	-12.3	-8.6	9.9	9.7
100.3	-12.2	-8.4	9.9	9.7
100.4	-12.2	-8.4	9.9	9.7
100.5	-11.9	-8.4	9.8	9.5
100.6	-11.1	-8.6	9.9	9.5
100.7	-11.2	-9.1	9.8	9.5
100.8	-10.8	-8.8	9.8	9.4
100.9	-10.3	-8.6	9.7	9.4
101	-10.3	-9.3	9.7	9.4
101.1	-10.0	-9.5	9.7	9.2
101.2	-9.6	-9.6	9.6	9.3
101.3	-9.6	-9.6	9.5	9.2
101.4	-9.4	-10.1	9.5	9.2
101.5	-9.4	-10.5	9.5	9.2
101.6	-9.5	-10.5	9.4	9.2
101.7	-9.6	-10.4	9.3	9.2
101.8	-9.7	-11.2	9.3	9.2
101.9	-9.6	-10.7	9.1	9.2
102	-9.7	-11.2	9.1	9.1
102.1	-9.6	-12.1	9.0	9.0
102.2	-9.4	-11.6	8.9	9.1
102.3	-10.1	-11.5	8.8	9.0
102.4	-9.7	-11.9	8.8	9.0
102.5	-10.5	-11.5	8.7	8.9
102.6	-10.1	-11.8	8.7	8.9
102.7	-10.6	-12.0	8.7	8.8
102.8	-10.6	-11.7	8.7	8.8
102.9	-11.0	-11.8	8.6	8.7
103	-11.0	-12.3	8.5	8.7
103.1	-11.4	-12.5	8.6	8.7
103.2	-10.7	-12.4	8.5	8.5
103.3	-11.2	-13.3	8.6	8.5
103.4	-11.5	-13.0	8.6	8.4
103.5	-11.8	-13.8	8.5	8.3
103.6	-12.0	-13.9	8.4	8.2
103.7	-12.6	-13.8	8.4	8.1
103.8	-12.5	-14.9	8.3	8.0
103.9	-12.7	-15.7	8.3	8.0
104	-13.3	-14.6	8.2	7.9
104.1	-12.6	-16.2	8.2	7.8
104.2	-12.8	-15.2	8.2	7.8
104.3	-12.8	-16.3	8.1	7.7
104.4	-13.1	-16.3	8.1	7.6
104.5	-13.2	-15.9	8.1	7.6
104.6	-13.4	-14.9	8.0	7.6
104.7	-13.2	-15.0	8.0	7.4
104.8	-12.8	-16.1	7.9	7.5

92.5	5.0	-1.4	11.7	8.1
92.6	5.0	-1.3	11.7	8.1
92.7	4.9	-1.5	11.7	8.0
92.8	4.6	-1.5	11.6	8.0
92.9	4.6	-1.7	11.6	8.0
93	4.5	-1.5	11.6	7.8
93.1	4.3	-1.6	11.6	7.8
93.2	4.3	-1.9	11.5	7.8
93.3	4.1	-1.9	11.5	7.8
93.4	4.0	-2.1	11.4	7.7
93.5	4.0	-2.2	11.4	7.6
93.6	3.9	-2.2	11.3	7.6
93.7	3.8	-2.4	11.3	7.6
93.8	3.7	-2.6	11.2	7.6
93.9	3.6	-2.7	11.1	7.5
94	3.6	-2.9	11.1	7.5
94.1	3.4	-2.8	11.1	7.5
94.2	3.3	-3.4	11.1	7.5
94.3	3.0	-3.4	11.1	7.5
94.4	2.9	-3.5	11.0	7.4
94.5	2.8	-3.7	11.0	7.4
94.6	2.5	-3.6	10.9	7.4
94.7	2.4	-3.9	10.9	7.3
94.8	2.1	-4.1	10.9	7.2
94.9	2.0	-4.0	10.8	7.2
95	1.8	-4.3	10.8	7.1
95.1	1.6	-4.4	10.7	7.1
95.2	1.6	-4.6	10.7	6.9
95.3	1.4	-4.8	10.7	7.0
95.4	1.2	-5.1	10.6	6.8
95.5	0.9	-5.1	10.6	6.8
95.6	0.7	-5.1	10.6	6.8
95.7	0.7	-5.7	10.5	6.7
95.8	0.8	-5.3	10.5	6.6
95.9	0.5	-5.8	10.5	6.6
96	0.2	-5.6	10.4	6.6
96.1	0.0	-6.2	10.4	6.4
96.2	-0.1	-6.4	10.4	6.4
96.3	-0.2	-6.4	10.3	6.4
96.4	-0.2	-6.4	10.2	6.3
96.5	-0.3	-6.4	10.2	6.1
96.6	-0.5	-6.5	10.1	6.2
96.7	-0.6	-6.7	10.1	6.0
96.8	-0.6	-6.8	10.1	5.9
96.9	-1.0	-7.2	10.0	5.8
97	-1.1	-6.8	9.9	5.6
97.1	-1.5	-7.1	9.8	5.7
97.2	-1.5	-6.9	9.8	5.5
97.3	-1.8	-6.9	9.8	5.5
97.4	-1.8	-7.3	9.7	5.3
97.5	-2.3	-7.4	9.6	5.3
97.6	-2.5	-7.6	9.5	5.2
97.7	-2.9	-7.3	9.5	5.3
97.8	-3.4	-7.6	9.4	5.2
97.9	-3.8	-7.6	9.3	5.1
98	-3.9	-7.6	9.2	5.1
98.1	-4.4	-7.6	9.1	5.1
98.2	-4.5	-7.7	9.1	5.1
98.3	-4.9	-7.7	9.0	5.1
98.4	-5.2	-7.3	8.9	5.0
98.5	-5.1	-7.6	8.8	5.0
98.6	-5.2	-7.5	8.7	4.8
98.7	-5.2	-7.6	8.7	4.9
98.8	-5.5	-7.3	8.6	4.7
98.9	-4.9	-7.2	8.5	4.7
99	-5.3	-7.6	8.5	4.6
99.1	-5.0	-7.5	8.5	4.7
99.2	-4.9	-7.8	8.4	4.6
99.3	-4.9	-7.7	8.4	4.4
99.4	-4.7	-7.4	8.3	4.4
99.5	-4.6	-7.6	8.3	4.3
99.6	-4.8	-7.7	8.2	4.3
99.7	-4.4	-8.3	8.2	4.2
99.8	-4.5	-8.0	8.1	4.1
99.9	-4.2	-8.4	8.1	4.1
100	-3.8	-8.5	8.0	4.0
100.1	-4.1	-8.6	7.9	4.0
100.2	-3.9	-8.8	7.8	4.0
100.3	-3.9	-8.8	7.8	3.8
100.4	-3.9	-9.6	7.7	3.9
100.5	-3.9	-9.1	7.6	3.7
100.6	-3.9	-9.6	7.5	3.6
100.7	-4.4	-9.8	7.4	3.6
100.8	-4.5	-10.0	7.4	3.5
100.9	-4.5	-9.6	7.3	3.4
101	-4.7	-10.3	7.2	3.5
101.1	-4.9	-9.9	7.1	3.4
101.2	-5.0	-10.1	7.1	3.3
101.3	-5.3	-10.0	7.0	3.2
101.4	-5.5	-10.2	6.9	3.1
101.5	-5.4	-10.0	6.8	3.0
101.6	-5.7	-10.3	6.7	2.8
101.7	-5.9	-10.2	6.6	2.7
101.8	-5.6	-9.5	6.6	2.5
101.9	-5.8	-10.1	6.4	2.5
102	-5.9	-9.8	6.4	2.3
102.1	-5.7	-9.4	6.4	2.1
102.2	-5.7	-9.9	6.3	2.0
102.3	-5.6	-9.7	6.2	1.7
102.4	-5.7	-9.7	6.2	1.7
102.5	-5.7	-9.3	6.2	1.6
102.6	-5.5	-9.4	6.0	1.4
102.7	-5.2	-9.9	6.0	1.1
102.8	-5.4	-9.6	6.0	1.1
102.9	-5.2	-10.1	5.9	0.8
103	-4.8	-9.4	5.8	0.8
103.1	-5.0	-10.0	5.7	0.7
103.2	-4.7	-9.8	5.6	0.5
103.3	-4.6	-10.3	5.6	0.4
103.4	-4.4	-10.6	5.5	0.3
103.5	-4.8	-10.3	5.3	0.1
103.6	-4.6	-10.1	5.3	-0.1
103.7	-4.2	-10.8	5.3	0.0
103.8	-4.5	-10.6	5.1	0.0
103.9	-4.9	-11.0	5.1	-0.3
104	-4.9	-11.4	5.0	-0.2
104.1	-5.1	-11.7	4.9	-0.4
104.2	-5.2	-11.0	4.8	-0.5
104.3	-5.1	-12.3	4.7	-0.6
104.4	-5.2	-11.8	4.6	-0.5
104.5	-4.9	-13.1	4.5	-0.8
104.6	-5.7	-12.2	4.4	-0.8
104.7	-5.5	-12.7	4.1	-1.0
104.8	-5.6	-13.1	4.1	-1.3

92.5	-2.7	1.9	8.0	7.6
92.6	-2.9	1.8	8.0	7.6
92.7	-3.3	1.9	7.9	7.6
92.8	-3.2	1.7	7.7	7.5
92.9	-3.6	1.6	7.5	7.5
93	-3.8	1.6	7.5	7.5
93.1	-4.5	1.4	7.3	7.3
93.2	-4.4	1.4	7.2	7.2
93.3	-4.6	1.3	7.0	7.2
93.4	-5.0	1.3	7.0	7.1
93.5	-5.1	1.2	6.7	7.1
93.6	-5.5	1.1	6.7	6.9
93.7	-5.5	0.8	6.5	7.0
93.8	-5.6	1.0	6.5	7.0
93.9	-5.6	0.7	6.4	6.7
94	-5.7	0.8	6.2	6.7
94.1	-5.5	0.7	6.1	6.6
94.2	-5.6	0.6	6.1	6.6
94.3	-5.4	0.5	6.0	6.6
94.4	-5.5	0.5	5.8	6.4
94.5	-5.5	0.4	5.7	6.2
94.6	-5.3	0.3	5.6	6.2
94.7	-5.6	0.2	5.6	6.1
94.8	-5.9	0.2	5.5	5.9
94.9	-5.5	0.1	5.5	5.9
95	-5.8	0.1	5.4	5.9
95.1	-5.9	0.1	5.2	5.7
95.2	-5.6	0.0	5.2	5.5
95.3	-5.9	0.0	5.1	5.5
95.4	-6.0	0.0	5.1	5.5
95.5	-6.0	0.0	5.0	5.3
95.6	-5.6	0.0	4.9	5.3
95.7	-5.5	-0.1	4.8	5.3
95.8	-5.9	-0.2	4.6	5.2
95.9	-5.8	-0.2	4.6	5.2
96	-6.1	-0.4	4.3	5.1
96.1	-6.3	-0.3	4.2	5.0
96.2	-6.2	-0.2	4.1	4.9
96.3	-6.4	-0.4	3.9	4.9
96.4	-6.5	-0.6	3.8	4.8
96.5	-7.0	-0.5	3.7	4.6
96.6	-7.1	-0.7	3.7	4.6
96.7	-7.4	-0.8	3.4	4.3
96.8	-7.5	-0.8	3.4	4.3
96.9	-7.6	-1.2	3.3	4.2
97	-7.6	-1.2	3.1	4.1
97.1	-7.8	-1.5	3.1	3.9
97.2	-7.7	-1.8	3.0	3.9
97.3	-7.5	-1.8	2.9	3.7
97.4	-7.5	-1.9	2.9	3.5
97.5	-7.7	-2.2	2.6	3.4
97.6	-7.4	-2.2	2.6	3.4
97.7	-7.6	-2.4	2.5	3.3
97.8	-7.5	-2.8	2.3	3.3
97.9	-7.4	-2.7	2.2	3.1
98	-7.4	-3.3	2.0	3.1
98.1	-7.2	-3.5	2.0	3.0
98.2	-7.3	-3.3	1.9	2.8
98.3	-7.4	-3.5	1.8	2.7
98.4	-7.1	-3.7	1.7	2.6
98.5	-6.8	-3.7	1.6	2.5
98.6	-6.6	-3.8	1.5	2.3
98.7	-6.7	-3.7	1.4	2.1
98.8	-6.2	-4.3	1.3	2.2
98.9	-6.3	-3.9	1.3	2.0
99	-6.5	-4.3	1.2	2.0
99.1	-6.1	-4.1	1.0	1.8
99.2	-6.1	-4.1	1.0	1.9
99.3	-6.0	-4.2	0.8	1.6
99.4	-6.2	-4.0	0.6	1.6
99.5	-5.9	-3.9	0.4	1.6
99.6	-6.0	-4.3	0.3	1.3
99.7	-5.9	-3.9	0.0	1.4
99.8	-6.2	-4.0	0.0	1.3
99.9	-5.9	-4.0	-0.3	1.3
100	-6.2	-4.0	-0.4	1.3
100.1	-5.7	-4.3	-0.4	1.2
100.2	-5.7	-4.3	-0.4	1.2
100.3	-5.7	-4.6	-0.7	1.3
100.4	-5.9	-4.7	-0.9	1.4
100.5	-5.8	-4.7	-0.9	1.4
100.6	-5.5	-5.0	-0.8	1.1
100.7	-5.3	-5.2	-1.0	1.0
100.8	-4.9	-5.2	-1.1	1.0
100.9	-5.0	-5.6	-0.9	0.9
101	-5.0	-5.8	-1.1	1.1
101.1	-4.9	-5.7	-1.0	0.8
101.2	-4.4	-6.1	-1.3	0.7
101.3	-4.3	-6.3	-1.0	0.8
101.4	-4.2	-6.6	-1.0	0.7
101.5	-4.0	-6.5	-1.2	0.5
101.6	-3.8	-6.7	-1.2	0.3
101.7	-3.9	-6.4	-1.1	0.4
101.8	-3.6	-7.0	-1.1	0.4
101.9	-3.5	-7.0	-1.3	0.1
102	-3.2	-7.1	-1.2	0.4
102.1	-3.1	-7.5	-1.1	0.4
102.2	-3.6	-7.4	-1.2	0.3
102.3	-3.3	-7.3	-1.3	0.2
102.4	-3.5	-7.2	-1.3	0.3
102.5	-3.2	-6.9	-1.5	0.5
102.6	-3.1	-6.9	-1.5	0.2
102.7	-3.4	-6.9	-1.7	0.4
102.8	-3.3	-7.1	-1.8	0.2
102.9	-3.2	-7.3	-1.8	0.3
103	-3.4	-6.8	-1.9	0.2
103.1	-3.5	-6.9	-1.9	0.3
103.2	-3.4	-7.0	-2.1	0.3
103.3	-3.6	-7.2	-2.1	0.2
103.4	-4.0	-6.8	-2.2	0.2
103.5	-4.0	-6.9	-2.1	0.1
103.6	-3.8	-7.4	-2.3	0.1
103.7	-3.8	-6.9	-2.6	0.0
103.8	-4.0	-6.8	-2.6	0.1
103.9	-4.0	-7.2	-2.7	-0.1
104	-4.3	-7.3	-3.0	-0.1
104.1	-4.0	-7.4	-2.9	-0.2
104.2	-3.9	-7.2	-3.4	-0.3
104.3	-4.0	-7.2	-3.4	-0.3
104.4	-4.0	-7.3	-3.7	-0.4
104.5	-4.1	-7.7	-3.8	-0.5
104.6	-4.0	-7.6	-4.0	-0.6
104.7	-4.0	-7.9	-4.0	-0.8
104.8	-3.7	-7.7	-4.3	-0.9

104.9	-13.6	-14.9	7.9	7.4	104.9	-5.6	-13.2	4.0	-1.0	104.9	-3.6	-8.0	-4.1	-1.0
105	-12.2	-15.4	7.9	7.3	105	-6.0	-13.6	3.9	-1.1	105	-3.8	-8.2	-4.1	-1.0
105.1	-13.3	-14.5	7.9	7.3	105.1	-6.1	-13.8	3.7	-1.3	105.1	-3.6	-8.4	-4.3	-1.2
105.2	-13.0	-15.2	7.8	7.1	105.2	-6.4	-14.1	3.5	-1.5	105.2	-3.7	-8.4	-4.3	-1.4
105.3	-13.2	-15.2	7.8	7.1	105.3	-6.1	-13.2	3.4	-1.3	105.3	-3.8	-8.0	-4.3	-1.6
105.4	-13.4	-14.5	7.7	6.9	105.4	-6.2	-13.9	3.5	-1.6	105.4	-3.5	-8.7	-4.3	-1.8
105.5	-14.0	-14.7	7.6	6.9	105.5	-6.3	-14.3	3.2	-1.6	105.5	-3.3	-8.4	-4.0	-1.6
105.6	-14.6	-14.1	7.6	6.9	105.6	-6.1	-13.7	3.1	-1.7	105.6	-3.6	-8.0	-3.9	-1.8
105.7	-13.7	-14.9	7.5	6.8	105.7	-6.1	-13.3	3.1	-1.8	105.7	-3.4	-8.2	-4.1	-1.9
105.8	-14.4	-14.8	7.4	6.7	105.8	-6.5	-13.1	3.0	-1.9	105.8	-3.4	-7.6	-4.1	-1.9
105.9	-15.0	-13.7	7.3	6.7	105.9	-6.5	-13.9	2.8	-2.1	105.9	-3.5	-7.5	-3.9	-2.0
106	-15.4	-14.2	7.3	6.5	106	-6.6	-13.6	2.8	-2.3	106	-3.3	-7.2	-4.0	-2.2
106.1	-14.5	-15.0	7.3	6.7	106.1	-6.6	-13.9	2.7	-2.5	106.1	-3.4	-7.4	-4.0	-2.0
106.2	-14.8	-14.7	7.3	6.5	106.2	-6.4	-14.8	2.7	-2.7	106.2	-3.3	-7.3	-3.7	-2.1
106.3	-15.1	-14.0	7.3	6.4	106.3	-6.5	-14.7	2.7	-3.0	106.3	-3.5	-6.4	-3.9	-2.2
106.4	-15.4	-13.5	7.2	6.3	106.4	-6.4	-14.5	2.6	-3.1	106.4	-3.5	-6.7	-3.9	-2.4
106.5	-14.9	-13.9	7.2	6.3	106.5	-6.5	-14.5	2.5	-3.4	106.5	-3.3	-6.3	-3.9	-2.4
106.6	-14.6	-12.9	7.3	6.2	106.6	-6.3	-14.5	2.5	-3.6	106.6	-3.7	-6.4	-4.0	-2.1
106.7	-14.1	-12.9	7.2	6.0	106.7	-6.7	-13.9	2.5	-4.1	106.7	-3.6	-6.4	-4.0	-2.3
106.8	-13.6	-12.4	7.3	6.0	106.8	-6.8	-13.9	2.5	-4.2	106.8	-3.6	-6.4	-3.9	-2.4
106.9	-13.5	-12.7	7.3	5.9	106.9	-6.4	-13.9	2.5	-4.2	106.9	-3.3	-6.1	-4.5	-2.3
107	-13.3	-12.4	7.3	5.7	107	-6.1	-13.6	2.5	-4.6	107	-3.5	-6.0	-3.9	-2.3
107.1	-13.3	-13.0	7.2	5.6	107.1	-6.8	-13.5	2.5	-4.9	107.1	-3.6	-5.9	-4.1	-2.6
107.2	-13.0	-12.8	7.1	5.6	107.2	-6.3	-13.7	2.5	-4.9	107.2	-3.9	-6.0	-4.1	-2.5
107.3	-11.8	-12.0	7.1	5.5	107.3	-6.4	-13.3	2.4	-5.1	107.3	-3.9	-6.1	-4.0	-2.4
107.4	-12.1	-11.7	7.1	5.4	107.4	-6.4	-12.6	2.4	-5.3	107.4	-3.9	-5.8	-4.0	-2.7
107.5	-11.3	-11.6	7.0	5.4	107.5	-5.9	-14.0	2.3	-5.6	107.5	-3.6	-6.1	-4.5	-2.6
107.6	-10.6	-12.0	7.0	5.3	107.6	-6.3	-13.5	2.3	-6.1	107.6	-3.6	-6.2	-4.2	-2.7
107.7	-10.7	-11.2	6.9	5.3	107.7	-6.1	-12.9	2.3	-5.8	107.7	-3.5	-6.0	-4.0	-3.0
107.8	-9.8	-11.1	6.8	5.1	107.8	-6.2	-13.0	2.2	-5.8	107.8	-3.9	-5.8	-4.2	-2.7
107.9	-10.3	-11.4	6.8	5.0	107.9	-6.1	-12.7	2.2	-6.1	107.9	-3.5	-5.7	-4.2	-3.0
108	-9.9	-11.0	6.7	5.0	108	-6.2	-11.8	2.2	-6.0	108	-3.7	-6.0	-4.3	-2.9
108.1	-9.7	-11.0	6.6	5.0	108.1	-5.9	-11.6	2.1	-6.8	108.1	-3.7	-6.0	-4.3	-3.1
108.2	-9.3	-10.5	6.6	4.8	108.2	-6.3	-12.0	2.1	-6.7	108.2	-3.6	-5.7	-4.5	-3.3
108.3	-9.7	-10.5	6.6	4.8	108.3	-6.3	-11.6	2.1	-6.7	108.3	-3.7	-5.8	-4.6	-3.5
108.4	-9.5	-10.5	6.4	4.7	108.4	-6.3	-11.7	2.0	-6.9	108.4	-3.7	-6.1	-4.7	-3.8
108.5	-9.5	-10.5	6.5	4.6	108.5	-5.8	-11.0	1.9	-7.1	108.5	-3.6	-5.6	-4.7	-3.9
108.6	-9.0	-9.6	6.4	4.5	108.6	-6.0	-11.3	1.9	-7.2	108.6	-3.8	-5.6	-5.0	-3.9
108.7	-9.4	-9.5	6.4	4.4	108.7	-5.8	-11.2	1.8	-7.1	108.7	-4.0	-5.9	-5.1	-4.4
108.8	-9.3	-9.4	6.3	4.4	108.8	-5.9	-11.0	1.7	-7.5	108.8	-4.0	-6.2	-5.6	-4.4
108.9	-9.8	-9.8	6.3	4.2	108.9	-5.9	-11.2	1.6	-7.6	108.9	-4.4	-6.2	-5.3	-4.4
109	-9.7	-9.4	6.2	4.2	109	-5.6	-10.6	1.5	-7.5	109	-4.2	-6.1	-5.0	-4.4
109.1	-9.8	-9.3	6.1	4.0	109.1	-5.8	-11.3	1.4	-8.5	109.1	-4.5	-6.2	-5.8	-4.8
109.2	-9.8	-9.4	6.2	4.0	109.2	-5.8	-10.9	1.4	-8.1	109.2	-4.2	-6.1	-5.6	-4.8
109.3	-9.6	-9.5	6.1	3.8	109.3	-6.1	-10.9	1.5	-9.0	109.3	-4.3	-6.1	-5.7	-4.8
109.4	-9.6	-9.3	6.1	3.9	109.4	-5.8	-10.7	1.3	-8.7	109.4	-4.4	-6.3	-6.0	-5.2
109.5	-9.3	-9.2	6.1	3.9	109.5	-5.6	-11.2	1.3	-9.4	109.5	-4.3	-6.1	-6.0	-5.0
109.6	-9.3	-8.9	6.1	3.9	109.6	-5.9	-10.2	1.2	-9.8	109.6	-4.7	-6.4	-5.7	-5.0
109.7	-9.4	-9.2	6.0	3.8	109.7	-5.8	-10.7	1.2	-10.0	109.7	-4.7	-6.7	-5.9	-5.2
109.8	-9.3	-9.2	6.0	3.9	109.8	-6.2	-10.0	1.3	-10.5	109.8	-4.7	-6.5	-5.5	-5.2
109.9	-9.2	-9.3	6.0	3.9	109.9	-6.2	-10.6	1.4	-11.2	109.9	-5.1	-7.2	-5.8	-5.1
110	-8.7	-9.6	5.9	3.9	110	-6.7	-10.5	1.2	-11.4	110	-4.9	-8.0	-5.4	-5.4
110.1	-8.3	-9.3	5.9	4.0	110.1	-6.0	-10.6	1.2	-12.2	110.1	-4.8	-7.6	-5.7	-5.2
110.2	-8.0	-9.4	5.9	3.9	110.2	-6.2	-10.2	1.2	-11.8	110.2	-4.9	-7.7	-5.8	-5.0
110.3	-7.9	-9.1	5.9	4.0	110.3	-6.3	-10.8	1.4	-12.9	110.3	-4.7	-7.6	-5.5	-5.2
110.4	-7.7	-9.4	6.0	3.9	110.4	-6.5	-10.5	1.4	-13.3	110.4	-5.1	-7.9	-5.5	-5.0
110.5	-7.6	-8.8	5.9	3.9	110.5	-6.7	-10.1	1.3	-12.9	110.5	-5.0	-8.2	-5.5	-5.3
110.6	-7.6	-9.3	5.9	3.8	110.6	-6.3	-10.7	1.4	-13.1	110.6	-4.6	-8.8	-5.4	-5.4
110.7	-7.7	-9.3	5.8	3.7	110.7	-6.8	-10.6	1.3	-12.7	110.7	-4.8	-8.7	-5.2	-5.5
110.8	-6.8	-8.4	5.9	3.8	110.8	-7.0	-10.4	1.4	-13.3	110.8	-4.7	-9.3	-5.3	-5.0
110.9	-6.8	-9.2	5.9	3.7	110.9	-7.2	-10.9	1.5	-13.6	110.9	-4.8	-9.2	-5.3	-5.5
111	-6.6	-8.8	5.9	3.8	111	-7.2	-10.6	1.6	-14.0	111	-4.5	-8.7	-4.8	-5.8
111.1	-6.6	-8.7	5.8	3.7	111.1	-7.6	-10.8	1.6	-13.1	111.1	-4.3	-8.8	-5.2	-5.7
111.2	-6.4	-8.8	5.8	3.6	111.2	-7.4	-10.9	1.7	-13.0	111.2	-4.5	-8.9	-4.9	-5.9
111.3	-6.6	-8.5	5.9	3.6	111.3	-8.2	-12.0	1.8	-13.6	111.3	-4.4	-9.7	-5.2	-5.9
111.4	-6.1	-8.6	5.7	3.6	111.4	-7.5	-11.1	1.9	-12.7	111.4	-4.6	-9.8	-4.9	-5.9
111.5	-6.1	-8.8	5.7	3.6	111.5	-7.9	-11.4	1.9	-13.9	111.5	-4.2	-9.4	-4.8	-6.0
111.6	-5.9	-8.6	5.7	3.6	111.6	-8.1	-12.2	1.9	-12.3	111.6	-4.6	-10.3	-4.9	-6.4
111.7	-5.9	-8.8	5.6	3.6	111.7	-8.4	-12.5	1.9	-13.2	111.7	-4.6	-10.8	-4.6	-6.3
111.8	-6.0	-9.6	5.6	3.6	111.8	-8.1	-12.1	2.1	-13.3	111.8	-4.5	-10.2	-4.8	-6.5
111.9	-5.8	-9.2	5.6	3.5	111.9	-8.5	-12.7	2.0	-14.1	111.9	-4.3	-11.0	-5.1	-6.7
112	-5.7	-9.7	5.5	3.6	112	-8.3	-12.4	2.1	-13.6	112	-4.1	-11.1	-4.9	-6.7
112.1	-6.0	-9.8	5.5	3.5	112.1	-8.3	-13.1	2.0	-13.8	112.1	-4.6	-11.6	-4.5	-6.3
112.2	-5.9	-10.5	5.5	3.4	112.2	-8.1	-12.4	2.2	-13.3	112.2	-4.1	-11.1	-4.6	-7.0
112.3	-5.9	-10.8	5.5	3.4	112.3	-8.2	-13.5	2.2	-13.4	112.3	-4.4	-11.3	-4.3	-7.3
112.4	-5.5	-10.9	5.5	3.3	112.4	-8.1	-13.1	2.3	-13.2	112.4	-4.2	-11.5	-4.3	-7.4
112.5	-5.9	-11.5	5.5	3.1	112.5	-8.6	-13.3	2.3	-14.7	112.5	-4.4	-11.9	-4.4	-7.4
112.6	-6.0	-12.4	5.4	3.0	112.6	-8.6	-14.6	2.4	-14.2	112.6	-4.4	-11.4	-4.5	-7.8
112.7	-6.0	-13.2	5.5	2.9	112.7	-8.9	-14.0	2.5	-15.0	112.7	-4.7	-12.6	-4.4	-7.7
112.8	-6.2	-13.6	5.5	2.8	112.8	-8.8	-13.7	2.7	-16.0	112.8	-4.6	-11.6	-4.6	-7.8
112.9	-5.8	-13.2	5.5	2.5	112.9	-8.8	-14.8	2.7	-16.0	112.9	-5.3	-11.6	-4.5	-7.9
113	-6.3	-14.9	5.6	2.5	113	-9.2	-14.4	2.9	-17.3	113	-5.2	-11.1	-4.7	-8.5
113.1	-6.4	-14.8	5.7	2.5	113.1	-8.7	-14.3	2.8	-17.7	113.1	-5.3	-11.4	-4.5	-8.2
113.2	-6.3	-15.0	5.7	2.5	113.2	-9.1	-14.0	2.9	-19.3	113.2	-5.5	-11.2	-4.6	-7.6
113.3	-6.5	-14.9	5.7	2.2	113.3	-9.2	-15.3	2.8	-19.7	113.3	-5.7	-11.8	-4.5	-7.2
113.4	-6.6	-14.9	5.7	2.1	113.4	-8.8	-13.8	2.9	-20.9	113.4	-6.4	-11.7	-4.6	-7.7
113.5	-7.0	-15.0	5.7	2.0	113.5	-9.1	-14.6	3.1	-21.7	113.5	-5.9	-12.1	-4.7	-7.2
113.6	-6.8	-15.1	5.6	2.0	113.6	-9.6	-14.1	2.9	-25.3	113.6	-6.6	-12.0	-5.0	-7.7
113.7	-7.3	-16.2	5.7	2.0	113.7	-8.9	-13.9	2.9	-22.5	113.7	-6.5	-12.4	-5.0	-7.3
113.8	-6.8	-15.9	5.6	1.9	113.8	-9.5	-14.9	2.9	-24.4	113.8	-6.6	-12.6	-5.3	-7.1
113.9	-6.8	-15.5	5.6	1.9	113.9	-9.7	-14.1	2.9	-29.1	113.9	-6.8	-13.6	-5.4	-7.4
114	-7.0	-15.7	5.6	1.9	114	-9.5	-15.2	2.9	-25.6	114	-6.7	-13.2	-5.5	-7.0
114.1	-6.7	-16.1	5.6	1.7	114.1	-9.8	-15.6	2.9	-26.6	114.1	-6.9	-13.6	-5.8	-7.0
114.2	-6.5	-16.0	5.6	1.7	114.2	-9.7	-15.9	2.7						

117.3	-6.3	-12.2	5.1	-2.4
117.4	-6.7	-12.3	4.7	-2.7
117.5	-6.9	-12.1	4.6	-2.5
117.6	-7.7	-11.2	4.6	-2.0
117.7	-8.2	-11.1	4.4	-1.8
117.8	-8.5	-10.5	4.2	-1.9
117.9	-10.2	-10.2	4.0	-1.6
118	-11.1	-9.6	3.9	-1.8
118.1	-11.6	-9.5	3.9	-1.2
118.2	-13.6	-9.7	3.7	-1.3
118.3	-15.6	-9.2	3.5	-1.2
118.4	-16.2	-9.5	3.5	-0.8
118.5	-19.3	-9.0	3.4	-0.6
118.6	-21.4	-9.1	3.5	-0.8
118.7	-23.2	-9.8	3.5	-0.6
118.8	-18.8	-9.3	3.5	-0.3
118.9	-15.7	-10.3	3.6	-0.3
119	-14.3	-10.7	3.4	-0.1
119.1	-11.5	-11.8	3.5	0.2
119.2	-10.4	-12.1	3.5	0.2
119.3	-9.2	-12.5	3.7	0.5
119.4	-8.1	-12.7	3.7	0.7
119.5	-7.2	-14.7	3.7	1.1
119.6	-6.5	-16.7	3.8	1.3
119.7	-5.7	-18.1	3.7	1.4
119.8	-5.4	-21.3	3.8	1.7
119.9	-4.6	-25.9	3.7	1.9
120	-4.3	-25.1	3.5	2.2
120.1	-3.8	-24.4	3.5	2.4
120.2	-3.7	-20.5	3.2	2.7
120.3	-3.4	-18.9	3.0	2.8
120.4	-3.2	-16.8	2.8	2.9
120.5	-3.3	-15.4	2.6	3.0
120.6	-3.3	-13.4	2.3	3.2
120.7	-3.3	-12.9	2.1	3.2
120.8	-3.5	-11.2	2.0	3.1
120.9	-3.6	-10.2	2.0	3.1
121	-4.3	-10.1	2.1	3.1
121.1	-4.6	-8.8	2.3	3.0
121.2	-4.7	-8.1	2.5	2.7
121.3	-5.1	-7.5	2.9	2.4
121.4	-6.0	-7.5	3.1	2.0
121.5	-6.7	-6.2	3.5	1.6
121.6	-7.1	-5.9	3.7	1.2
121.7	-8.0	-5.6	4.1	0.6
121.8	-8.6	-4.9	4.1	-0.1
121.9	-9.5	-5.0	4.4	-0.9
122	-10.5	-5.0	4.6	-1.5
122.1	-11.1	-4.4	4.6	-2.1
122.2	-11.8	-4.4	4.8	-3.0
122.3	-12.7	-4.5	4.7	-3.8
122.4	-14.4	-4.5	4.7	-4.5
122.5	-13.9	-4.7	4.7	-4.8
122.6	-15.7	-4.9	4.7	-4.9
122.7	-14.5	-4.9	4.5	-4.9
122.8	-16.0	-5.1	4.5	-4.7
122.9	-15.4	-5.5	4.3	-4.1
123	-13.6	-6.1	4.2	-3.8
123.1	-13.4	-6.1	4.2	-3.4
123.2	-12.2	-6.5	4.1	-2.9
123.3	-12.6	-7.1	4.1	-2.6
123.4	-11.3	-7.6	4.1	-2.2
123.5	-10.8	-7.6	4.0	-1.9
123.6	-10.5	-8.2	3.9	-1.9
123.7	-9.6	-8.8	3.8	-1.5
123.8	-9.5	-8.7	3.7	-1.2
123.9	-9.5	-8.9	3.6	-1.2
124	-9.6	-9.4	3.5	-0.9
124.1	-9.6	-9.2	3.3	-0.8
124.2	-9.2	-9.1	3.3	-0.6
124.3	-9.9	-9.3	3.0	-0.4
124.4	-10.0	-9.0	2.9	-0.1
124.5	-10.0	-8.5	2.6	0.1
124.6	-11.1	-8.4	2.5	0.4
124.7	-11.6	-7.9	2.4	0.6
124.8	-11.8	-7.8	2.3	0.9
124.9	-12.3	-7.0	2.2	1.1
125	-12.0	-7.2	2.1	1.2
125.1	-12.2	-6.8	2.1	1.0
125.2	-12.3	-6.6	2.1	1.1
125.3	-12.2	-6.8	2.2	1.1
125.4	-12.2	-6.6	2.1	0.9
125.5	-12.2	-6.7	2.2	0.7
125.6	-11.6	-6.5	2.3	0.5
125.7	-11.1	-6.9	2.5	0.1
125.8	-11.1	-6.8	2.6	0.0
125.9	-10.8	-7.2	2.8	-0.2
126	-10.4	-7.7	2.9	-0.9
126.1	-9.5	-7.9	3.0	-1.1
126.2	-9.8	-8.4	3.3	-1.5
126.3	-9.4	-8.4	3.3	-1.7
126.4	-9.1	-9.0	3.5	-2.1
126.5	-8.8	-9.3	3.3	-2.0
126.6	-9.0	-9.0	3.5	-2.0
126.7	-8.7	-9.4	3.3	-1.8
126.8	-8.7	-10.4	3.4	-1.7
126.9	-8.7	-10.4	3.4	-1.6
127	-8.6	-10.5	3.2	-1.5
127.1	-8.3	-10.8	3.2	-1.4
127.2	-8.3	-10.6	3.1	-1.2
127.3	-7.5	-10.8	3.1	-1.1
127.4	-7.3	-11.6	3.0	-1.1
127.5	-7.3	-12.0	2.7	-0.8
127.6	-6.6	-11.8	2.6	-1.0
127.7	-6.4	-12.0	2.5	-1.1
127.8	-6.4	-12.3	2.3	-0.9
127.9	-6.0	-12.6	2.4	-1.2
128	-5.9	-13.0	2.3	-1.0
128.1	-5.5	-13.6	2.3	-1.0
128.2	-5.1	-14.2	2.2	-1.1
128.3	-5.5	-14.1	2.1	-1.4
128.4	-5.2	-14.0	2.0	-1.4
128.5	-5.0	-14.6	2.1	-1.5
128.6	-5.2	-15.2	2.0	-1.4
128.7	-5.2	-17.2	2.0	-1.4
128.8	-5.4	-18.8	1.9	-1.7
128.9	-5.2	-18.7	2.0	-1.7
129	-5.2	-19.4	2.2	-1.6
129.1	-5.1	-21.2	2.1	-1.8
129.2	-5.1	-24.7	2.1	-1.9
129.3	-5.1	-24.5	2.1	-2.3
129.4	-5.4	-30.4	2.1	-2.3
129.5	-5.6	-30.7	2.1	-2.3
129.6	-5.9	-32.9	2.2	-2.2

117.3	-11.1	-12.6	1.5	-7.1
117.4	-11.6	-12.9	1.1	-6.6
117.5	-13.2	-12.1	1.2	-5.5
117.6	-14.2	-12.3	1.0	-5.0
117.7	-14.3	-12.9	0.8	-4.0
117.8	-18.2	-12.9	0.6	-3.6
117.9	-18.1	-12.9	0.3	-3.3
118	-19.7	-13.4	0.1	-3.1
118.1	-26.0	-12.8	-0.3	-2.5
118.2	-30.9	-14.1	-0.5	-2.1
118.3	-35.3	-16.1	-0.7	-2.1
118.4	-26.8	-15.3	-0.8	-1.8
118.5	-19.9	-16.2	-1.0	-1.7
118.6	-17.5	-19.8	-1.0	-1.8
118.7	-16.3	-20.9	-0.9	-1.8
118.8	-14.5	-24.6	-0.8	-1.5
118.9	-12.7	-31.1	-0.5	-1.7
119	-11.5	-32.6	-0.4	-1.7
119.1	-10.1	-28.5	-0.3	-1.7
119.2	-8.8	-21.4	0.1	-2.0
119.3	-8.3	-18.5	0.3	-2.4
119.4	-7.8	-16.6	0.7	-2.3
119.5	-6.5	-15.3	1.0	-2.6
119.6	-6.1	-13.1	1.2	-2.7
119.7	-5.8	-12.1	1.4	-2.7
119.8	-5.2	-12.2	1.5	-3.1
119.9	-4.9	-10.3	1.4	-3.0
120	-4.5	-9.3	1.6	-3.0
120.1	-4.2	-9.1	1.4	-3.1
120.2	-4.1	-8.4	1.5	-2.9
120.3	-3.7	-7.9	1.4	-3.2
120.4	-3.8	-7.7	0.9	-2.8
120.5	-3.7	-6.8	0.9	-3.3
120.6	-3.8	-6.5	0.7	-3.2
120.7	-3.7	-6.3	0.4	-3.5
120.8	-3.9	-6.2	0.4	-3.6
120.9	-4.0	-5.9	0.4	-4.1
121	-4.2	-6.1	0.4	-4.2
121.1	-4.6	-5.5	0.5	-4.9
121.2	-4.9	-5.6	0.6	-5.5
121.3	-5.7	-5.8	0.8	-6.5
121.4	-6.0	-5.4	1.4	-7.2
121.5	-7.1	-5.1	1.4	-8.6
121.6	-8.1	-5.2	1.9	-9.9
121.7	-9.6	-5.1	2.0	-12.9
121.8	-10.3	-5.1	2.2	-15.1
121.9	-11.3	-5.1	2.4	-21.7
122	-12.0	-5.2	2.6	-36.0
122.1	-13.3	-5.0	2.8	-23.6
122.2	-14.1	-5.1	2.8	-17.0
122.3	-16.3	-5.4	2.7	-12.8
122.4	-17.5	-5.5	2.8	-10.7
122.5	-16.9	-5.1	2.7	-9.0
122.6	-17.5	-5.6	2.6	-7.5
122.7	-17.8	-5.9	2.4	-6.1
122.8	-16.1	-6.2	2.4	-5.5
122.9	-15.7	-6.3	2.2	-4.7
123	-15.1	-7.0	1.9	-4.2
123.1	-13.3	-6.8	2.0	-3.6
123.2	-13.9	-7.6	1.8	-3.4
123.3	-12.9	-7.9	1.7	-3.5
123.4	-11.8	-8.6	1.6	-3.4
123.5	-11.7	-8.9	1.5	-3.1
123.6	-11.9	-9.6	1.6	-3.1
123.7	-10.9	-10.0	1.4	-3.1
123.8	-10.1	-10.1	1.6	-3.0
123.9	-10.9	-10.7	1.5	-3.3
124	-11.3	-11.3	1.3	-3.0
124.1	-10.7	-11.2	1.2	-3.0
124.2	-11.1	-11.1	1.1	-3.2
124.3	-11.2	-10.5	1.0	-3.3
124.4	-12.0	-10.3	0.9	-3.3
124.5	-12.9	-9.8	0.5	-3.1
124.6	-13.4	-9.4	0.6	-3.2
124.7	-14.2	-9.2	0.4	-3.5
124.8	-15.2	-9.1	0.5	-3.4
124.9	-15.7	-8.6	0.4	-3.7
125	-17.0	-8.3	0.4	-4.0
125.1	-16.0	-8.5	0.4	-4.0
125.2	-16.4	-8.2	0.7	-4.4
125.3	-15.2	-8.6	1.0	-4.6
125.4	-15.1	-8.3	1.0	-5.4
125.5	-14.5	-8.7	1.4	-5.6
125.6	-14.0	-8.9	1.5	-6.6
125.7	-12.7	-9.5	1.9	-6.8
125.8	-12.2	-10.3	1.9	-7.4
125.9	-11.7	-11.2	2.1	-8.3
126	-12.2	-12.1	2.2	-8.6
126.1	-11.6	-12.5	2.2	-8.0
126.2	-10.8	-13.5	2.4	-7.9
126.3	-11.1	-15.7	2.2	-7.8
126.4	-11.0	-17.7	2.2	-7.4
126.5	-11.4	-18.3	2.0	-6.5
126.6	-10.9	-23.3	2.1	-5.9
126.7	-11.6	-29.3	1.9	-5.4
126.8	-11.2	-32.8	1.8	-5.1
126.9	-11.2	-31.5	1.7	-4.9
127	-10.7	-27.9	1.5	-4.5
127.1	-11.1	-27.8	1.2	-4.6
127.2	-10.5	-23.5	1.0	-4.2
127.3	-10.4	-24.1	0.8	-4.0
127.4	-9.0	-21.7	0.6	-3.8
127.5	-8.4	-20.5	0.4	-4.0
127.6	-8.2	-21.3	0.1	-3.8
127.7	-8.5	-20.5	0.0	-3.8
127.8	-7.7	-21.9	-0.3	-4.2
127.9	-7.3	-19.7	-0.4	-4.0
128	-7.2	-20.9	-0.6	-4.3
128.1	-6.9	-21.3	-0.8	-4.1
128.2	-6.5	-21.8	-1.1	-4.6
128.3	-6.0	-22.1	-1.1	-4.5
128.4	-6.1	-24.6	-1.3	-4.6
128.5	-5.9	-22.6	-1.4	-4.9
128.6	-5.6	-21.3	-1.2	-5.1
128.7	-5.7	-21.6	-1.2	-5.3
128.8	-5.9	-20.3	-1.2	-5.8
128.9	-5.8	-19.5	-1.3	-5.7
129	-6.0	-17.9	-1.1	-6.3
129.1	-6.1	-17.6	-1.0	-6.1
129.2	-5.9	-17.3	-1.1	-6.5
129.3	-6.5	-17.4	-1.2	-6.9
129.4	-6.3	-15.0	-1.0	-7.3
129.5	-6.5	-15.1	-1.0	-7.6
129.6	-6.6	-14.0	-1.1	-7.1

117.3	-8.3	-15.5	-9.5	-3.2
117.4	-9.0	-15.1	-9.3	-3.2
117.5	-9.7	-15.1	-9.4	-3.0
117.6	-9.8	-14.2	-8.6	-3.2
117.7	-10.2	-14.2	-8.1	-3.2
117.8	-10.8	-13.3	-7.7	-3.3
117.9	-11.1	-14.7	-6.9	-3.1
118	-11.0	-14.6	-6.2	-3.4
118.1	-10.4	-13.3	-5.8	-3.7
118.2	-9.4	-13.5	-5.2	-3.6
118.3	-9.0	-12.7	-4.8	-4.1
118.4	-8.1	-12.5	-4.0	-4.6
118.5	-6.9	-11.7	-4.1	-4.5
118.6	-6.1	-10.0	-3.7	-5.0
118.7	-5.0	-9.3	-2.8	-4.9
118.8	-4.6	-8.2	-2.6	-5.5
118.9	-3.7	-7.4	-2.0	-5.5
119	-3.3	-6.6	-1.9	-5.6
119.1	-3.1	-5.8	-1.7	-6.1
119.2	-2.7	-5.3	-1.2	-6.6
119.3	-2.6	-4.4	-1.3	-6.7
119.4	-2.6	-4.0	-1.1	-6.7
119.5	-2.3	-3.6	-1.1	-7.8
119.6	-2.3	-3.2	-1.1	-7.8
119.7	-2.6	-2.9	-1.2	-8.1
119.8	-2.5	-2.7	-1.1	-9.1
119.9	-3.1	-2.5	-1.4	-9.8
120	-3.6	-2.5	-1.6	-10.0
120.1	-3.5	-2.6	-1.8	-10.0
120.2	-4.0	-2.2	-2.4	-11.9
120.3	-4.5	-2.5	-2.4	-12.6
120.4	-4.8	-2.3	-3.1	-12.1
120.5	-5.6	-2.4	-3.5	-13.8
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120.7	-6.6	-2.6	-4.2	-13.4
120.8	-7.9	-2.7	-4.7	-13.0
120.9	-9.5	-3.1	-4.8	-13.4
121	-10.6	-3.3	-4.4	-13.3
121.1	-12.1	-3.7	-4.2	-14.1
121.2	-14.7	-4.1	-3.8	-13.7
121.3	-16.6	-4.3	-3.9	-15.3
121.4	-20.0	-4.8	-3.1	-17.4
121.5	-23.0	-4.9	-3.2	-17.5
121.6	-24.9	-5.3	-2.6	-19.9
121.7	-22.6	-5.5	-2.6	-17.5
121.8	-21.2	-6.1	-2.1	-18.4
121.9	-16.7	-6.0	-2.3	-15.2
122	-16.1	-7.1	-1.8	-13.3
122.1	-14.8	-7.3	-2.0	-11.6
122.2	-13.3	-7.6	-2.0	-9.3
122.3	-11.7	-7.4	-2.0	-7.5
122.4	-11.4	-8.0	-2.4	-6.4
122.5	-10.9	-8.0	-2.4	-5.5
122.6	-10.7	-8.4	-3.0	-4.6
122.7	-11.1	-8.5	-3.2	-4.8
122.8	-9.9	-8.8	-3.7	-3.0
122.9	-10.1	-9.3	-4.3	-2.7
123	-10.0	-9.7	-4.8	-2.5
123.1	-9.9	-9.8	-5.0	-2.4
123.2	-9.4	-10.6	-5.3	-2.4
123.3	-9.3	-10.7	-5.5	-2.3
123.4	-9.3	-10.4	-5.6	-2.3
123.5	-8.9	-10.9	-5.8	-2.6
123.6	-9.0	-11.1	-6.1	-2.8
123.7	-8.5	-12.0	-6.3	-3.3
123.8	-8.8	-11.9	-6.0	-3.2
123.9	-8.6	-11.1	-6.2	-3.6
124	-9.1	-11.9	-6.0	-3.9
124.1	-8.6	-11.2	-6.4	-4.5
124.2	-9.2	-11.0	-6.2	-4.3
124.3	-9.4	-10.4	-6.3	-4.6
124.4	-9.2	-9.7	-6.6	-4.7
124.5	-10.5	-9.5	-7.0	-4.9
124.6	-10.7	-9.3	-7.1	-5.0
124.7	-10.7	-8.7	-6.8	-4.8
124.8	-11.1	-8.3	-7.2	-4.9
124.9	-11.4	-8.9	-6.7	-5.0
125	-11.1	-8.8	-6.6	-5.2
125.1	-11.1	-8.4	-6.6	-5.7
125.2	-10.7	-8.3	-5.8	-5.8
125.3	-9.5	-8.9	-5.6	-6.2
125.4	-9.9	-9.0	-5.0	-6.7
125.5	-9.2	-9.3	-5.0	-6.7
125.6	-9.3	-9.2	-5.0	-7.8
125.7	-8.6	-9.2	-4.3	-7.7
125.8	-8.7	-9.9	-4.2	-7.8
125.9	-8.7	-10.0	-3.8	-8.0
126	-8.5	-10.7	-3.9	-8.0
126.1	-8.1	-10.8	-4.0	-7.7
126.2	-8.1	-10.8	-3.7	-7.0
126.3	-9.9	-11.9	-4.0	-6.6
126.4	-9.2	-12.1	-3.5	-6.2
126.5	-9.4	-12.7	-3.8	-6.1
126.6	-9.4	-12.8	-3.8	-5.2
126.7	-10.2	-13.1	-4.0	-4.8
126.8	-10.7	-13.6	-4.3	-4.6
126.9	-10.6	-14.5	-4.7	-4.6
127	-11.5	-15.3	-4.7	-4.5
127.1	-11.4	-15.9	-5.2	-4.1
127.2	-12.0	-16.4	-5.2	-3.9
127.3	-11.0	-16.0	-6.0	-4.0
127.4	-11.6	-17.8	-5.8	-3.8
127.5	-11.5	-17.9	-6.5	-4.1
127.6	-12.1	-17.2	-6.6	-3.9
127.7	-11.3	-17.5	-6.9	-4.3
127.8	-11.2	-17.6	-7.3	-4.7
127.9	-10.9	-18.9	-7.3	-4.7
128	-10.3	-17.4	-7.2	-4.8
128.1	-10.4	-19.0	-7.9	-5.2
128.2	-9.9	-16.4	-7.9	-5.5
128.3	-9.8	-16.9	-7.8	-5.6
128.4	-9.1	-16.0	-7.7	-5.9
128.5	-8.7	-15.6	-7.9	-6.5
128.6	-8.9	-14.4	-7.5	-6.7
128.7	-8.9	-14.5	-7.5	-7.1
128.8	-8.7	-13.5	-8.0	-7.6
128.9	-8.5	-13.3	-7.3	-8.1
129	-8.6	-12.9	-7.6	-8.1
129.1	-8.7	-12.2	-7.6	-8.5
129.2	-8.9	-11.9	-7.9	-8.9
129.3	-9.2	-11.7	-7.1	-8.6
129.4	-9.4	-11.3	-8.3	-8.4
129.5	-9.7	-10.9	-8.3	-8.4
129.6	-9.7	-11.3	-8.9	-8.6

129.7	-6.1	-27.1	2.2	-2.1
129.8	-6.2	-26.8	2.1	-2.1
129.9	-6.4	-25.4	2.0	-2.2
130	-6.9	-23.5	1.9	-2.4
130.1	-6.9	-26.4	1.8	-2.1
130.2	-7.4	-21.2	1.7	-2.2
130.3	-7.6	-23.3	1.6	-2.0
130.4	-7.8	-22.8	1.6	-1.9
130.5	-7.7	-20.9	1.3	-1.9
130.6	-8.2	-19.5	1.4	-1.8
130.7	-8.0	-16.3	1.1	-1.7
130.8	-8.4	-16.0	1.0	-1.8
130.9	-8.5	-14.8	0.9	-2.0
131	-8.4	-14.3	0.7	-2.2
131.1	-8.7	-14.1	0.6	-2.2
131.2	-9.2	-12.4	0.5	-2.4
131.3	-9.4	-12.0	0.2	-3.1
131.4	-10.3	-11.6	0.3	-2.8
131.5	-10.0	-11.2	0.2	-2.8
131.6	-10.8	-10.7	0.1	-2.9
131.7	-11.2	-10.0	0.1	-3.0
131.8	-13.3	-10.4	-0.1	-3.1
131.9	-14.1	-9.4	0.1	-2.8
132	-14.5	-9.3	0.4	-2.7
132.1	-15.0	-9.4	0.4	-2.3
132.2	-14.6	-9.0	0.6	-2.0
132.3	-15.0	-8.9	0.7	-1.7
132.4	-14.8	-8.4	0.8	-1.8
132.5	-15.5	-8.7	0.9	-1.8
132.6	-15.2	-8.4	0.9	-1.4
132.7	-14.7	-8.6	1.0	-1.2
132.8	-14.7	-8.4	0.8	-1.4
132.9	-15.9	-8.4	0.9	-1.5
133	-15.0	-8.6	0.8	-1.5
133.1	-15.6	-8.5	0.5	-1.7
133.2	-17.1	-8.2	0.1	-1.8
133.3	-18.7	-8.1	0.0	-2.0
133.4	-17.1	-8.1	-0.3	-2.3
133.5	-19.4	-8.4	-0.5	-2.8
133.6	-18.8	-7.8	-0.7	-2.9
133.7	-18.9	-7.7	-0.7	-3.0
133.8	-17.1	-7.9	-1.1	-3.7
133.9	-16.9	-7.6	-1.1	-4.0
134	-16.0	-7.7	-1.2	-3.8
134.1	-14.8	-7.9	-0.9	-3.8
134.2	-14.6	-7.3	-0.6	-4.1
134.3	-14.7	-7.2	-0.4	-4.0
134.4	-13.8	-7.3	-0.2	-4.2
134.5	-14.2	-7.3	-0.2	-4.2
134.6	-14.1	-7.3	0.1	-4.0
134.7	-14.4	-7.1	0.4	-3.8
134.8	-15.6	-7.4	0.4	-3.6
134.9	-17.1	-7.2	0.6	-3.3
135	-18.7	-7.1	0.6	-3.0
135.1	-19.1	-7.2	0.5	-2.7
135.2	-21.9	-7.4	0.5	-2.6
135.3	-20.9	-7.7	0.5	-2.4
135.4	-20.9	-7.4	0.4	-1.9
135.5	-20.3	-7.4	0.2	-2.1
135.6	-20.1	-7.4	-0.1	-2.0
135.7	-18.2	-7.3	0.0	-1.7
135.8	-16.9	-7.0	0.0	-1.8
135.9	-15.7	-7.6	-0.2	-1.6
136	-14.4	-7.2	-0.1	-1.6
136.1	-16.0	-7.1	-0.2	-1.7
136.2	-14.6	-7.1	0.1	-1.7
136.3	-15.1	-7.3	0.0	-1.6
136.4	-14.3	-7.3	0.2	-1.8
136.5	-15.2	-7.6	0.2	-2.1
136.6	-14.6	-7.9	0.1	-2.1
136.7	-13.8	-7.8	0.1	-2.1
136.8	-13.0	-8.2	0.2	-2.5
136.9	-12.2	-8.7	0.2	-2.4
137	-11.9	-8.7	0.0	-2.3
137.1	-10.7	-9.2	0.0	-2.4
137.2	-10.3	-8.9	-0.1	-2.5
137.3	-10.2	-9.7	-0.3	-2.5
137.4	-9.3	-9.9	-0.1	-2.5
137.5	-9.0	-10.0	-0.3	-2.4
137.6	-8.7	-10.4	-0.3	-2.2
137.7	-8.5	-10.4	-0.4	-2.5
137.8	-8.0	-10.3	-0.3	-2.4
137.9	-8.4	-10.4	-0.4	-2.3
138	-7.8	-10.8	-0.5	-2.4
138.1	-7.6	-10.8	-0.6	-2.2
138.2	-7.4	-10.2	-0.4	-2.3
138.3	-7.3	-10.4	-0.7	-2.3
138.4	-7.6	-10.5	-0.5	-2.6
138.5	-7.6	-10.9	-0.6	-2.2
138.6	-7.1	-11.7	-0.8	-2.7
138.7	-6.8	-11.1	-0.8	-2.6
138.8	-7.3	-12.5	-1.1	-2.5
138.9	-7.1	-13.2	-1.0	-2.3
139	-6.9	-13.5	-1.4	-2.2
139.1	-6.5	-13.9	-1.3	-2.1
139.2	-6.2	-14.6	-1.6	-2.3
139.3	-6.4	-14.9	-1.8	-1.9
139.4	-6.4	-15.3	-2.0	-1.9
139.5	-6.2	-17.2	-2.3	-1.9
139.6	-6.5	-17.4	-2.2	-2.0
139.7	-6.7	-18.1	-2.6	-2.0
139.8	-6.7	-17.4	-2.5	-2.0
139.9	-7.1	-17.3	-2.7	-2.2
140	-7.4	-17.1	-2.4	-2.0
140.1	-7.4	-16.8	-2.4	-2.5
140.2	-7.3	-16.9	-2.3	-2.4
140.3	-7.8	-17.5	-2.2	-2.4
140.4	-7.9	-18.4	-2.2	-2.5
140.5	-8.1	-18.0	-2.3	-2.8
140.6	-8.5	-18.0	-2.1	-3.0
140.7	-8.6	-18.8	-1.9	-3.3
140.8	-8.8	-17.6	-2.0	-3.2
140.9	-8.8	-17.8	-2.2	-3.2
141	-9.4	-19.7	-1.9	-3.3
141.1	-9.8	-20.5	-2.1	-3.5
141.2	-10.8	-21.1	-2.3	-3.7
141.3	-10.5	-20.2	-2.1	-3.7
141.4	-12.0	-18.4	-2.3	-3.8
141.5	-12.5	-17.5	-2.4	-3.9
141.6	-12.9	-17.6	-2.3	-4.1
141.7	-13.3	-17.3	-2.5	-4.3
141.8	-14.2	-17.0	-2.6	-4.3
141.9	-14.9	-17.6	-2.5	-4.4
142	-15.5	-16.5	-2.8	-4.2

129.7	-6.6	-14.0	-1.4	-6.8
129.8	-6.9	-13.4	-1.5	-7.2
129.9	-7.5	-14.2	-1.6	-6.3
130	-7.3	-13.3	-1.6	-6.2
130.1	-7.5	-13.4	-1.7	-5.9
130.2	-7.3	-13.0	-2.0	-5.8
130.3	-7.7	-12.8	-1.9	-5.5
130.4	-7.8	-13.5	-1.9	-5.5
130.5	-7.9	-13.8	-2.0	-5.1
130.6	-8.3	-13.3	-2.1	-5.1
130.7	-8.5	-14.4	-2.3	-5.3
130.8	-8.3	-13.4	-2.0	-4.9
130.9	-8.7	-13.5	-2.2	-4.9
131	-9.1	-13.0	-2.3	-4.9
131.1	-9.1	-12.5	-2.4	-4.7
131.2	-9.4	-12.9	-2.3	-4.8
131.3	-10.4	-13.4	-2.6	-5.2
131.4	-10.4	-12.8	-3.0	-5.2
131.5	-11.3	-13.0	-3.2	-5.8
131.6	-11.5	-12.9	-3.5	-5.7
131.7	-11.4	-12.7	-3.6	-6.3
131.8	-12.5	-12.9	-3.9	-6.3
131.9	-12.6	-12.2	-4.0	-6.6
132	-13.0	-12.6	-4.0	-7.4
132.1	-12.7	-12.2	-4.3	-7.6
132.2	-12.6	-11.9	-3.8	-7.8
132.3	-12.3	-12.2	-3.4	-7.5
132.4	-12.2	-11.3	-3.4	-8.0
132.5	-11.8	-11.4	-2.8	-7.8
132.6	-12.5	-10.5	-2.7	-8.0
132.7	-11.2	-10.6	-2.4	-8.0
132.8	-11.3	-10.3	-2.0	-7.4
132.9	-11.9	-10.0	-1.9	-7.1
133	-11.5	-9.5	-1.6	-6.5
133.1	-11.6	-9.4	-1.5	-6.4
133.2	-11.2	-8.9	-1.6	-6.5
133.3	-10.5	-9.0	-1.7	-6.3
133.4	-11.0	-9.2	-1.5	-6.1
133.5	-10.8	-9.2	-1.6	-6.1
133.6	-11.3	-9.1	-1.7	-5.7
133.7	-10.5	-9.4	-2.0	-6.1
133.8	-10.6	-9.5	-2.4	-6.0
133.9	-10.3	-10.3	-2.0	-5.6
134	-9.8	-9.6	-2.4	-6.4
134.1	-9.3	-9.2	-2.2	-6.1
134.2	-9.5	-9.7	-2.4	-6.0
134.3	-9.4	-9.8	-2.2	-6.3
134.4	-9.7	-9.3	-2.3	-6.0
134.5	-10.1	-9.5	-2.2	-6.3
134.6	-9.8	-9.0	-2.3	-5.7
134.7	-10.0	-9.6	-2.2	-5.9
134.8	-11.0	-9.6	-2.1	-5.7
134.9	-11.6	-9.7	-1.9	-5.0
135	-11.2	-10.1	-1.8	-5.1
135.1	-12.8	-9.9	-1.6	-4.8
135.2	-12.9	-10.6	-1.7	-4.6
135.3	-13.7	-11.3	-1.4	-4.3
135.4	-15.4	-11.2	-1.6	-4.6
135.5	-17.9	-12.7	-1.5	-4.6
135.6	-17.5	-13.3	-1.6	-4.8
135.7	-18.2	-13.7	-1.3	-4.6
135.8	-16.9	-13.7	-1.1	-4.6
135.9	-19.2	-14.1	-0.9	-4.7
136	-18.6	-14.2	-0.7	-4.4
136.1	-18.8	-14.6	-0.6	-4.6
136.2	-17.0	-14.0	-0.5	-4.7
136.3	-18.8	-14.3	-0.3	-4.9
136.4	-17.3	-13.2	-0.3	-5.2
136.5	-17.5	-12.9	-0.1	-4.9
136.6	-18.8	-13.5	-0.1	-4.9
136.7	-19.5	-13.8	-0.2	-4.7
136.8	-20.2	-13.4	-0.1	-4.8
136.9	-20.0	-14.5	-0.3	-4.8
137	-20.8	-13.9	-0.5	-4.3
137.1	-20.7	-15.0	-0.4	-4.4
137.2	-21.1	-16.9	-0.5	-3.9
137.3	-19.2	-18.0	-0.6	-4.2
137.4	-17.9	-18.3	-0.7	-3.8
137.5	-17.4	-18.6	-0.9	-3.8
137.6	-16.6	-20.6	-1.0	-4.1
137.7	-15.2	-23.6	-0.9	-3.8
137.8	-15.8	-26.9	-1.0	-4.0
137.9	-14.9	-23.9	-0.9	-4.1
138	-14.9	-25.5	-1.1	-3.9
138.1	-13.4	-25.9	-1.1	-4.0
138.2	-13.5	-23.2	-1.0	-4.0
138.3	-12.5	-22.5	-1.2	-3.7
138.4	-13.2	-23.6	-1.1	-4.2
138.5	-12.0	-21.9	-1.0	-4.0
138.6	-11.7	-22.2	-1.4	-4.2
138.7	-11.5	-22.4	-1.3	-3.7
138.8	-10.8	-20.6	-1.2	-4.1
138.9	-10.6	-20.0	-1.3	-3.9
139	-10.4	-19.0	-1.3	-4.0
139.1	-10.7	-17.5	-1.2	-4.3
139.2	-9.8	-17.6	-1.4	-4.2
139.3	-9.8	-16.9	-1.4	-4.4
139.4	-10.2	-16.1	-1.3	-4.6
139.5	-10.2	-14.8	-1.1	-4.5
139.6	-10.2	-14.2	-1.2	-4.8
139.7	-11.5	-13.9	-1.2	-4.7
139.8	-11.0	-13.3	-1.1	-4.7
139.9	-11.1	-12.8	-0.9	-4.6
140	-11.0	-12.8	-1.1	-4.7
140.1	-11.4	-12.4	-1.0	-4.7
140.2	-11.8	-12.3	-1.0	-4.9
140.3	-12.1	-12.1	-1.0	-5.0
140.4	-12.3	-12.8	-1.0	-4.8
140.5	-12.2	-12.5	-1.0	-4.6
140.6	-13.2	-12.6	-1.3	-4.7
140.7	-11.9	-11.5	-1.2	-4.5
140.8	-12.9	-12.5	-1.1	-4.3
140.9	-13.7	-12.1	-1.2	-4.7
141	-13.3	-11.6	-1.1	-4.8
141.1	-13.5	-11.9	-1.2	-4.3
141.2	-14.9	-11.8	-1.1	-4.5
141.3	-15.4	-11.9	-1.2	-4.5
141.4	-16.3	-11.7	-0.9	-4.6
141.5	-16.5	-11.9	-1.1	-4.6
141.6	-18.9	-12.8	-1.1	-4.6
141.7	-18.0	-12.7	-1.1	-4.4
141.8	-18.4	-12.6	-1.0	-4.5
141.9	-19.5	-13.2	-1.2	-4.9
142	-18.9	-14.0	-1.2	-4.8

129.7	-9.4	-11.1	-9.7	-8.5
129.8	-9.2	-10.9	-10.4	-8.3
129.9	-9.8	-11.3	-11.1	-8.0
130	-9.7	-11.8	-12.4	-7.4
130.1	-10.2	-11.4	-13.3	-7.3
130.2	-9.6	-12.4	-15.2	-7.3
130.3	-9.4	-11.3	-16.5	-7.3

142.1	-14.7	-16.8	-2.7	-4.5	142.1	-18.4	-15.0	-1.1	-4.8	142.1	-18.5	-11.5	-4.8	-8.0
142.2	-14.7	-16.0	-2.9	-4.7	142.2	-18.9	-14.0	-1.1	-5.0	142.2	-18.3	-10.8	-4.7	-8.0
142.3	-14.8	-14.8	-2.7	-4.9	142.3	-19.0	-15.7	-1.2	-5.4	142.3	-17.4	-12.0	-4.7	-7.7
142.4	-14.9	-13.7	-2.7	-5.0	142.4	-17.6	-16.2	-1.2	-5.8	142.4	-18.2	-11.8	-4.3	-8.2
142.5	-14.5	-13.1	-2.9	-4.7	142.5	-19.8	-16.8	-1.3	-5.9	142.5	-17.4	-11.8	-4.7	-8.6
142.6	-14.9	-12.8	-2.7	-5.6	142.6	-19.5	-18.0	-1.5	-6.4	142.6	-16.0	-12.0	-4.3	-7.9
142.7	-14.3	-13.1	-3.0	-5.7	142.7	-19.0	-18.9	-1.4	-6.5	142.7	-15.6	-13.1	-4.5	-8.2
142.8	-15.3	-11.9	-3.0	-6.0	142.8	-20.3	-19.3	-1.5	-7.2	142.8	-14.6	-13.2	-4.7	-8.4
142.9	-15.1	-12.3	-2.9	-6.0	142.9	-20.5	-19.8	-1.7	-7.9	142.9	-15.0	-13.6	-4.7	-8.0
143	-15.6	-11.6	-3.0	-6.6	143	-22.0	-20.4	-1.9	-8.1	143	-13.3	-13.7	-4.6	-7.9
143.1	-15.6	-11.0	-2.8	-6.6	143.1	-26.7	-21.2	-1.8	-8.2	143.1	-13.7	-12.7	-5.1	-8.0
143.2	-17.5	-11.4	-3.1	-7.2	143.2	-24.8	-21.3	-2.1	-8.5	143.2	-13.4	-14.1	-5.3	-8.1
143.3	-17.2	-10.4	-3.0	-7.4	143.3	-23.0	-21.2	-2.1	-9.0	143.3	-12.8	-14.0	-5.4	-7.8
143.4	-16.9	-10.3	-3.0	-7.0	143.4	-23.5	-21.8	-2.6	-9.4	143.4	-13.1	-14.8	-5.9	-7.6
143.5	-18.2	-9.8	-3.1	-7.2	143.5	-20.3	-21.9	-2.6	-9.3	143.5	-12.9	-15.5	-6.1	-7.6
143.6	-17.8	-10.1	-3.0	-6.9	143.6	-20.6	-21.4	-2.6	-8.6	143.6	-12.4	-16.4	-6.3	-7.5
143.7	-19.4	-9.7	-3.3	-7.1	143.7	-16.9	-21.8	-2.7	-8.2	143.7	-12.1	-17.9	-6.1	-7.3
143.8	-18.5	-9.6	-2.9	-6.7	143.8	-18.6	-24.7	-3.0	-8.9	143.8	-12.6	-18.1	-6.4	-7.4
143.9	-19.1	-8.8	-3.1	-6.6	143.9	-17.5	-27.5	-3.1	-8.7	143.9	-12.5	-19.6	-6.4	-7.2
144	-19.5	-9.0	-3.0	-6.4	144	-16.3	-29.9	-3.0	-8.4	144	-12.6	-20.2	-6.8	-7.2
144.1	-18.9	-8.9	-3.0	-6.1	144.1	-16.1	-28.6	-3.0	-8.3	144.1	-12.6	-20.4	-6.4	-7.5
144.2	-19.2	-8.7	-3.2	-5.7	144.2	-16.7	-36.2	-3.4	-7.9	144.2	-12.1	-22.2	-6.3	-7.3
144.3	-19.6	-8.6	-3.0	-5.8	144.3	-15.4	-31.4	-3.2	-8.5	144.3	-13.4	-22.5	-6.3	-7.2
144.4	-20.1	-8.7	-3.2	-5.6	144.4	-15.8	-33.6	-3.3	-8.5	144.4	-13.1	-22.7	-6.3	-7.6
144.5	-20.5	-9.0	-3.1	-5.2	144.5	-16.1	-26.6	-3.1	-8.1	144.5	-13.1	-22.8	-6.7	-7.5
144.6	-21.0	-8.9	-3.2	-4.8	144.6	-16.0	-27.7	-2.8	-8.4	144.6	-14.3	-23.6	-6.2	-7.7
144.7	-21.5	-9.1	-3.1	-5.1	144.7	-16.0	-22.6	-3.0	-8.2	144.7	-13.6	-26.9	-6.6	-8.1
144.8	-21.4	-9.1	-3.1	-5.2	144.8	-17.2	-25.0	-3.0	-8.7	144.8	-15.2	-30.7	-6.3	-8.8
144.9	-23.2	-8.6	-3.0	-5.1	144.9	-16.6	-24.9	-3.1	-8.8	144.9	-15.4	-34.7	-6.3	-8.1
145	-24.3	-8.9	-3.2	-5.1	145	-17.7	-22.7	-3.1	-8.6	145	-15.4	-31.7	-6.5	-9.2
145.1	-25.9	-8.9	-3.5	-4.9	145.1	-16.4	-20.9	-3.3	-8.7	145.1	-16.0	-32.2	-6.6	-8.8
145.2	-34.4	-9.8	-3.3	-5.5	145.2	-16.6	-22.6	-3.3	-8.9	145.2	-15.9	-33.2	-6.8	-9.1
145.3	-40.9	-9.6	-3.2	-5.6	145.3	-17.0	-22.7	-3.3	-8.8	145.3	-16.3	-30.2	-6.6	-9.0
145.4	-30.7	-9.8	-3.5	-5.5	145.4	-15.2	-20.4	-3.5	-8.9	145.4	-16.3	-28.9	-7.0	-9.2
145.5	-27.4	-10.4	-3.3	-5.2	145.5	-17.2	-21.0	-3.9	-9.2	145.5	-16.5	-31.5	-7.0	-9.4
145.6	-26.3	-11.2	-3.6	-5.5	145.6	-15.9	-21.4	-4.0	-9.3	145.6	-17.2	-24.9	-7.2	-9.2
145.7	-23.2	-10.6	-3.5	-5.5	145.7	-16.6	-19.2	-4.2	-8.9	145.7	-17.9	-25.3	-7.4	-9.8
145.8	-22.0	-11.2	-3.6	-5.4	145.8	-15.5	-19.8	-4.9	-9.4	145.8	-18.3	-22.3	-7.9	-9.7
145.9	-19.8	-11.6	-4.0	-5.6	145.9	-15.3	-17.6	-4.5	-8.7	145.9	-18.7	-23.2	-7.9	-9.7
146	-18.5	-11.5	-3.9	-5.6	146	-15.8	-18.6	-5.0	-8.8	146	-18.2	-21.8	-7.9	-9.8
146.1	-18.5	-12.5	-4.2	-5.5	146.1	-16.9	-18.6	-5.0	-8.9	146.1	-20.7	-21.4	-7.9	-9.6
146.2	-17.5	-12.1	-4.0	-5.0	146.2	-15.4	-18.1	-5.3	-8.3	146.2	-18.7	-18.9	-8.4	-9.9
146.3	-17.1	-12.8	-4.0	-4.7	146.3	-17.0	-17.2	-5.4	-8.5	146.3	-18.4	-19.2	-7.9	-9.7
146.4	-17.1	-13.2	-3.9	-4.7	146.4	-16.0	-17.3	-5.4	-8.4	146.4	-18.4	-17.7	-8.5	-9.9
146.5	-17.0	-12.3	-4.3	-4.7	146.5	-17.1	-16.7	-5.5	-8.0	146.5	-17.8	-17.6	-8.2	-10.1
146.6	-17.0	-12.2	-4.0	-4.7	146.6	-17.6	-15.4	-5.5	-8.1	146.6	-17.0	-17.1	-9.1	-10.1
146.7	-15.6	-12.7	-3.7	-4.2	146.7	-18.2	-15.1	-5.6	-7.6	146.7	-18.4	-16.9	-8.9	-9.9
146.8	-16.1	-12.7	-4.1	-4.5	146.8	-17.9	-14.0	-5.5	-7.4	146.8	-18.3	-16.0	-9.3	-10.6
146.9	-16.1	-12.6	-3.7	-4.0	146.9	-19.2	-13.6	-5.4	-7.4	146.9	-16.1	-15.7	-9.4	-10.4
147	-15.8	-12.5	-3.6	-4.1	147	-17.8	-13.4	-4.9	-7.4	147	-17.0	-16.6	-8.9	-10.1
147.1	-16.9	-13.0	-3.5	-3.9	147.1	-17.5	-13.2	-5.2	-7.4	147.1	-16.4	-15.1	-9.2	-10.6
147.2	-16.7	-11.6	-3.2	-3.8	147.2	-19.0	-12.6	-5.2	-7.1	147.2	-15.5	-15.2	-10.0	-11.1
147.3	-15.3	-11.0	-3.4	-3.9	147.3	-18.3	-11.6	-4.6	-7.1	147.3	-14.9	-15.4	-9.7	-10.8
147.4	-16.1	-10.4	-2.9	-3.6	147.4	-17.7	-12.2	-4.7	-7.3	147.4	-14.5	-14.9	-9.9	-11.5
147.5	-15.7	-9.3	-2.6	-3.8	147.5	-16.5	-11.7	-4.6	-7.5	147.5	-15.0	-15.9	-10.4	-10.9
147.6	-16.5	-9.4	-2.6	-3.4	147.6	-16.9	-11.5	-4.3	-8.0	147.6	-14.1	-15.6	-9.9	-11.6
147.7	-16.3	-8.9	-2.7	-3.7	147.7	-17.0	-11.3	-4.4	-7.5	147.7	-12.8	-16.8	-9.9	-11.6
147.8	-16.5	-8.4	-2.5	-3.7	147.8	-17.1	-11.5	-4.0	-8.3	147.8	-13.6	-17.9	-9.9	-11.6
147.9	-16.6	-7.9	-2.4	-3.6	147.9	-16.8	-11.7	-3.7	-7.7	147.9	-12.2	-15.9	-10.4	-12.0
148	-15.6	-8.1	-2.2	-3.8	148	-15.8	-11.7	-3.7	-8.1	148	-12.0	-19.1	-10.5	-11.9
148.1	-16.2	-8.1	-2.2	-4.0	148.1	-16.3	-12.1	-3.4	-8.6	148.1	-12.5	-17.0	-10.3	-11.9
148.2	-15.8	-7.8	-2.4	-4.0	148.2	-17.5	-12.9	-3.4	-8.2	148.2	-12.4	-18.4	-10.8	-11.0
148.3	-15.7	-8.0	-2.0	-4.2	148.3	-16.0	-12.7	-3.6	-8.0	148.3	-12.4	-20.0	-10.3	-11.0
148.4	-14.8	-7.5	-2.3	-4.3	148.4	-16.3	-13.6	-3.2	-7.8	148.4	-13.3	-19.4	-10.8	-9.8
148.5	-14.6	-7.8	-2.3	-4.4	148.5	-15.4	-14.8	-3.1	-7.5	148.5	-12.6	-20.3	-11.3	-10.2
148.6	-14.7	-8.3	-2.1	-4.6	148.6	-17.6	-15.4	-3.0	-6.9	148.6	-13.4	-21.1	-10.9	-9.0
148.7	-14.3	-8.0	-2.4	-4.6	148.7	-16.3	-14.8	-3.1	-6.9	148.7	-13.4	-21.4	-10.8	-8.7
148.8	-13.1	-8.5	-2.3	-4.9	148.8	-16.8	-15.6	-3.0	-6.1	148.8	-13.6	-22.8	-11.1	-8.9
148.9	-13.3	-9.3	-2.5	-4.8	148.9	-17.9	-16.3	-3.4	-6.4	148.9	-14.3	-21.5	-11.3	-8.5
149	-12.9	-9.8	-2.6	-5.2	149	-17.9	-17.6	-3.5	-5.8	149	-14.7	-22.7	-10.1	-8.1
149.1	-11.8	-9.8	-2.6	-4.9	149.1	-19.0	-16.1	-3.5	-5.3	149.1	-15.0	-20.4	-10.4	-7.8
149.2	-11.4	-11.0	-2.8	-4.8	149.2	-18.1	-16.4	-3.7	-5.1	149.2	-14.7	-20.4	-9.8	-7.6
149.3	-11.1	-10.7	-2.9	-4.5	149.3	-18.0	-15.7	-3.5	-4.9	149.3	-15.2	-19.8	-9.4	-7.5
149.4	-10.3	-11.3	-3.1	-4.6	149.4	-17.5	-16.2	-3.2	-4.5	149.4	-15.6	-20.0	-9.2	-7.7
149.5	-10.0	-10.9	-3.1	-4.0	149.5	-16.0	-16.7	-3.3	-4.3	149.5	-14.1	-20.5	-8.8	-7.7
149.6	-9.6	-11.8	-3.2	-4.0	149.6	-14.5	-15.8	-3.7	-4.3	149.6	-14.5	-19.5	-8.2	-7.6
149.7	-8.7	-11.7	-3.4	-3.8	149.7	-14.0	-15.9	-3.8	-4.4	149.7	-14.4	-17.5	-8.0	-7.6
149.8	-8.5	-11.3	-3.6	-3.6	149.8	-13.1	-15.9	-3.7	-4.2	149.8	-13.6	-16.8	-7.8	-7.6
149.9	-7.9	-12.4	-3.2	-3.3	149.9	-12.1	-16.7	-3.7	-4.6	149.9	-12.8	-17.7	-7.5	-8.0
150	-7.3	-12.6	-3.4	-3.4	150	-11.9	-17.2	-3.4	-4.1	150	-13.6	-17.6	-7.2	-7.7
150.1	-7.1	-13.0	-3.4	-3.2	150.1	-11.0	-17.3	-3.5	-4.4	150.1	-12.6	-17.4	-7.1	-7.9
150.2	-6.8	-13.1	-3.4	-3.1	150.2	-10.7	-19.6	-3.5	-4.3	150.2	-12.5	-17.5	-7.3	-7.8
150.3	-6.2	-13.9	-3.2	-3.4	150.3	-10.4	-19.8	-3.4	-4.7	150.3	-12.3	-15.7	-7.3	-8.0
150.4	-5.8	-14.3	-3.1	-3.3	150.4	-9.8	-22.3	-3.3	-4.6	150.4	-12.7	-16.1	-7.0	-7.7
150.5	-5.9	-15.7	-3.0	-3.9	150.5	-9.6	-24.0	-3.7	-5.0	150.5	-11.6	-16.2	-7.0	-7.2
150.6	-5.7	-15.5	-2.9	-3.5	150.6	-9.5	-22.7	-3.7	-5.0	150.6	-12.6	-15.8	-7.2	-8.0
150.7	-5.3	-16.5	-3.2	-4.1	150.7	-8.8	-25.8	-3.8	-5.0	150.7	-12.6	-15.7	-7.1	-7.6
150.8	-5.6	-17.0	-2.8	-4.2	150.8	-9.0	-24.7	-3.7	-5.1	150.8	-12.3	-15.0	-7.5	-7.7
150.9	-5.3	-19.6	-2.8	-4.3	150.9	-9.1	-24.4	-4.2	-5.2	150.9	-12.7	-14.6	-7.6	-7.6
151	-5.3	-19.7	-3.0	-4.8	151	-9.0	-21.5	-3.9	-4.9	151	-13.5	-14.7	-7.7	-7.5
151.1	-5.0	-19.4	-2.6	-5.2	151.1	-9.0	-21.7	-4.4	-5.0	151.1	-13.1			

154.5	-17.4	-10.1	-5.5	-6.8
154.6	-16.2	-9.2	-5.7	-6.7
154.7	-16.0	-10.2	-5.8	-6.3
154.8	-16.0	-10.2	-6.2	-6.5
154.9	-15.6	-10.5	-6.4	-6.3
155	-14.4	-10.9	-6.7	-6.1
155.1	-14.3	-11.1	-6.9	-6.1
155.2	-12.9	-11.2	-7.0	-6.3
155.3	-13.1	-11.8	-7.2	-6.2
155.4	-12.3	-13.2	-6.7	-5.9
155.5	-12.6	-13.1	-6.7	-6.1
155.6	-12.1	-13.8	-7.1	-6.1
155.7	-10.5	-13.1	-7.2	-6.2
155.8	-10.4	-14.0	-7.0	-6.5
155.9	-11.2	-14.7	-7.2	-6.8
156	-11.1	-14.9	-7.1	-6.5
156.1	-10.9	-15.4	-6.7	-6.8
156.2	-10.6	-13.5	-6.8	-6.5
156.3	-10.4	-13.7	-6.5	-6.8
156.4	-10.5	-14.2	-6.4	-7.0
156.5	-11.0	-13.2	-6.6	-7.8
156.6	-10.7	-12.7	-6.5	-7.2
156.7	-10.7	-12.0	-6.4	-7.4
156.8	-10.5	-12.6	-6.7	-7.2
156.9	-10.6	-11.4	-6.7	-7.4
157	-10.4	-11.1	-6.7	-7.5
157.1	-11.1	-10.8	-6.5	-7.1
157.2	-11.1	-10.6	-6.4	-6.8
157.3	-11.5	-10.9	-6.8	-6.6
157.4	-11.4	-10.5	-7.1	-6.7
157.5	-11.8	-10.5	-6.8	-6.5
157.6	-12.3	-10.3	-6.9	-6.0
157.7	-12.6	-10.8	-7.2	-6.1
157.8	-13.2	-10.9	-7.8	-6.0
157.9	-13.2	-10.9	-7.6	-5.8
158	-13.7	-10.9	-7.6	-5.3
158.1	-14.6	-11.3	-7.7	-5.3
158.2	-14.2	-11.3	-7.8	-5.1
158.3	-14.7	-10.9	-8.1	-4.9
158.4	-16.4	-12.1	-8.3	-4.8
158.5	-16.2	-12.7	-8.3	-4.8
158.6	-16.7	-12.7	-8.6	-4.7
158.7	-16.9	-13.8	-9.1	-4.8
158.8	-17.5	-14.0	-8.6	-4.3
158.9	-16.7	-14.6	-9.0	-4.4
159	-17.8	-15.8	-8.9	-4.3
159.1	-15.6	-15.5	-9.1	-4.4
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159.4	-15.5	-19.3	-9.3	-4.5
159.5	-15.4	-22.1	-8.6	-4.3
159.6	-16.3	-22.0	-8.8	-4.7
159.7	-14.5	-25.9	-9.0	-4.7
159.8	-14.4	-26.5	-9.1	-4.7
159.9	-13.5	-39.5	-9.1	-5.0
160	-15.3	-27.8	-9.2	-5.2
160.1	-14.0	-26.1	-9.1	-5.4
160.2	-14.0	-24.4	-9.5	-5.3
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160.4	-14.4	-21.0	-9.8	-5.8
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160.6	-14.4	-19.3	-9.3	-5.8
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160.8	-14.7	-16.6	-9.3	-6.7
160.9	-15.0	-16.1	-9.9	-6.8
161	-14.5	-16.0	-9.5	-6.7
161.1	-14.9	-14.9	-9.1	-7.0
161.2	-15.3	-15.7	-9.6	-7.9
161.3	-15.4	-14.8	-9.8	-8.0
161.4	-15.2	-14.3	-9.5	-7.9
161.5	-15.6	-14.6	-9.6	-8.5
161.6	-15.7	-13.5	-9.2	-8.9
161.7	-15.8	-13.6	-9.3	-9.4
161.8	-15.5	-13.7	-9.5	-9.5
161.9	-15.6	-13.5	-9.4	-10.1
162	-15.8	-13.9	-9.7	-10.2
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162.2	-16.1	-13.8	-9.3	-10.5
162.3	-15.4	-13.6	-9.4	-11.5
162.4	-16.4	-14.2	-9.6	-10.9
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162.8	-15.6	-14.1	-9.5	-11.4
162.9	-15.9	-13.8	-9.7	-11.0
163	-15.1	-13.9	-9.1	-10.7
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163.4	-14.5	-14.4	-11.0	-11.9
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163.6	-14.4	-15.1	-10.8	-11.4
163.7	-14.5	-15.6	-11.5	-11.3
163.8	-13.3	-14.9	-12.5	-11.7
163.9	-13.0	-16.2	-12.3	-11.7
164	-13.3	-15.1	-13.3	-12.4
164.1	-13.4	-16.4	-13.7	-12.7
164.2	-13.2	-16.4	-14.1	-12.8
164.3	-14.0	-17.3	-14.5	-13.5
164.4	-13.8	-17.0	-14.4	-13.7
164.5	-14.5	-16.9	-14.3	-14.9
164.6	-15.3	-16.8	-14.7	-15.3
164.7	-14.2	-15.5	-15.2	-16.4
164.8	-15.2	-16.9	-15.1	-17.3
164.9	-14.9	-16.6	-15.1	-16.2
165	-15.9	-17.3	-14.4	-17.8
165.1	-16.8	-17.5	-15.1	-18.1
165.2	-17.1	-17.2	-14.4	-18.1
165.3	-18.3	-18.4	-13.6	-17.1
165.4	-18.1	-18.9	-13.4	-15.8
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165.6	-20.0	-22.0	-13.7	-16.2
165.7	-20.4	-19.8	-13.8	-15.0
165.8	-20.0	-21.8	-13.2	-14.5
165.9	-21.5	-24.0	-13.2	-13.5
166	-22.8	-24.1	-13.1	-13.1
166.1	-22.6	-23.6	-13.0	-12.0
166.2	-24.9	-21.8	-13.6	-12.1
166.3	-21.3	-21.5	-12.7	-10.8
166.4	-24.5	-19.7	-13.0	-10.5
166.5	-25.2	-20.5	-12.9	-10.0
166.6	-26.1	-17.6	-13.0	-9.4
166.7	-28.5	-18.1	-12.9	-8.4
166.8	-24.2	-15.9	-13.1	-9.2

154.5	-19.3	-17.5	-5.7	-10.5
154.6	-18.8	-17.6	-5.7	-10.8
154.7	-18.9	-20.3	-5.6	-9.9
154.8	-19.5	-20.6	-5.9	-10.3
154.9	-17.8	-19.7	-5.5	-9.7
155	-17.8	-22.5	-5.8	-9.9
155.1	-18.1	-21.7	-5.8	-9.7
155.2	-17.3	-23.3	-6.1	-9.4
155.3	-17.6	-26.8	-5.9	-8.8
155.4	-16.6	-26.5	-5.9	-8.4
155.5	-17.2	-29.9	-6.2	-8.8
155.6	-15.8	-36.7	-6.1	-8.6
155.7	-16.6	-32.9	-6.3	-8.8
155.8	-15.7	-40.1	-6.2	-8.2
155.9	-16.6	-31.1	-6.2	-7.6
156	-16.9	-40.6	-6.7	-7.7
156.1	-17.3	-29.1	-6.6	-8.1
156.2	-15.7	-25.0	-6.9	-7.4
156.3	-16.9	-27.1	-7.0	-7.1
156.4	-15.9	-22.0	-7.5	-7.2
156.5	-17.8	-22.1	-7.4	-6.9
156.6	-16.2	-22.4	-7.9	-7.1
156.7	-17.8	-22.3	-8.0	-7.3
156.8	-15.5	-20.5	-8.5	-7.5
156.9	-16.4	-21.2	-8.9	-7.0
157	-17.4	-22.4	-8.7	-6.9
157.1	-16.9	-21.4	-9.1	-7.2
157.2	-15.8	-19.4	-9.1	-7.0
157.3	-16.9	-20.6	-9.6	-7.3
157.4	-17.4	-18.7	-10.3	-7.6
157.5	-17.4	-18.2	-10.2	-7.7
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157.7	-17.8	-19.5	-10.7	-8.0
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157.9	-16.2	-17.5	-10.9	-8.8
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158.1	-16.6	-17.3	-10.6	-8.9
158.2	-16.4	-16.3	-10.3	-9.5
158.3	-15.7	-16.4	-10.8	-9.7
158.4	-16.7	-16.1	-9.7	-9.5
158.5	-15.6	-16.6	-10.0	-10.1
158.6	-15.2	-16.2	-9.5	-10.3
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159	-15.3	-14.8	-8.1	-10.0
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159.3	-13.3	-15.1	-7.7	-8.6
159.4	-14.1	-15.2	-7.2	-8.5
159.5	-12.9	-15.2	-7.1	-8.4
159.6	-12.9	-14.0	-6.7	-8.2
159.7	-13.6	-15.4	-7.1	-7.9
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159.9	-12.7	-15.8	-6.8	-7.6
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160.9	-11.3	-17.5	-6.7	-7.7
161	-11.9	-18.9	-6.2	-7.3
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161.4	-11.4	-23.4	-6.8	-9.0
161.5	-11.5	-23.0	-7.0	-8.7
161.6	-11.4	-24.2	-6.9	-8.4
161.7	-11.5	-23.6	-7.5	-8.7
161.8	-12.2	-27.9	-7.8	-8.9
161.9	-12.0	-29.9	-7.5	-9.3
162	-11.4	-27.7	-7.6	-9.2
162.1	-12.4	-24.6	-7.8	-9.1
162.2	-14.3	-26.3	-7.6	-8.9
162.3	-13.9	-27.8	-8.2	-8.8
162.4	-14.0	-25.5	-7.7	-8.6
162.5	-14.3	-22.8	-8.1	-9.0
162.6	-14.2	-23.9	-8.2	-8.4
162.7	-15.2	-24.1	-8.3	-8.6
162.8	-16.1	-23.0	-9.0	-8.5
162.9	-16.1	-22.3	-8.8	-8.1
163	-15.5	-22.4	-9.0	-7.9
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163.2	-17.3	-24.8	-9.3	-7.2
163.3	-18.2	-26.4	-9.3	-7.0
163.4	-19.8	-30.3	-9.2	-6.7
163.5	-19.0	-28.4	-9.8	-6.8
163.6	-18.9	-31.8	-10.0	-6.8
163.7	-23.4	-29.3	-10.5	-6.9
163.8	-24.1	-26.7	-10.4	-6.5
163.9	-29.5	-29.6	-10.6	-6.5
164	-28.1	-31.5	-11.6	-6.7
164.1	-32.3	-25.4	-11.7	-6.6
164.2	-47.3	-24.4	-11.6	-6.6
164.3	-31.9	-24.1	-12.3	-6.7
164.4	-28.5	-23.2	-12.0	-6.9
164.5	-23.0	-20.6	-12.5	-6.6
164.6	-22.7	-18.8	-12.5	-7.1
164.7	-21.8	-20.7	-13.0	-7.4
164.8	-20.4	-18.6	-12.7	-7.1
164.9	-16.9	-18.4	-12.5	-7.4
165	-17.0	-17.4	-12.6	-7.8
165.1	-16.3	-15.8	-13.0	-7.8
165.2	-16.1	-15.1	-12.3	-8.2
165.3	-14.8	-15.4	-12.3	-8.6
165.4	-14.5	-14.1	-12.2	-8.6
165.5	-15.1	-13.8	-11.9	-9.2
165.6	-13.5	-13.1	-10.9	-9.8
165.7	-14.0	-12.8	-11.2	-10.1
165.8	-13.4	-12.6	-11.2	-10.4
165.9	-12.0	-12.2	-10.6	-11.4
166	-13.1	-12.2	-10.0	-12.5
166.1	-12.6	-12.0	-10.2	-12.3
166.2	-12.2	-11.8	-9.9	-13.5
166.3	-12.8	-11.6	-9.7	-14.0
166.4	-13.1	-12.3	-9.8	-15.0
166.5	-12.3	-11.5	-9.4	-16.9
166.6	-13.1	-11.4	-9.7	-17.9
166.7	-13.1	-11.6	-9.3	-19.9
166.8	-13.5	-11.7	-9.7	-21.2

154.5	-19.2	-9.5	-9.2
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166.9	-25.3	-15.9	-13.4	-8.6
167	-28.2	-15.3	-13.1	-8.1
167.1	-24.0	-13.6	-14.1	-8.3
167.2	-28.9	-14.2	-13.9	-7.8
167.3	-27.5	-13.4	-14.6	-7.6
167.4	-27.5	-13.0	-15.2	-7.9
167.5	-23.5	-12.2	-15.4	-7.3
167.6	-21.8	-12.2	-15.7	-7.1
167.7	-20.9	-11.4	-16.3	-7.2
167.8	-20.0	-11.2	-17.1	-7.3
167.9	-20.9	-11.0	-17.4	-7.4
168	-21.2	-10.7	-18.1	-7.5
168.1	-19.4	-10.9	-19.5	-7.2
168.2	-19.1	-11.0	-20.0	-6.7
168.3	-16.5	-10.2	-18.8	-7.2
168.4	-17.4	-9.8	-18.4	-7.0
168.5	-16.5	-10.2	-19.8	-7.0
168.6	-14.8	-10.4	-17.8	-7.6
168.7	-14.9	-10.1	-19.0	-7.7
168.8	-14.4	-10.8	-18.0	-7.9
168.9	-14.0	-11.3	-16.8	-8.1
169	-15.3	-11.5	-18.1	-8.7
169.1	-15.0	-12.1	-16.3	-8.2
169.2	-14.4	-11.8	-16.9	-9.0
169.3	-14.3	-12.4	-15.5	-8.6
169.4	-13.5	-13.1	-15.2	-9.1
169.5	-14.8	-14.3	-14.6	-9.7
169.6	-14.4	-13.9	-14.5	-10.0
169.7	-15.8	-16.1	-14.5	-10.8
169.8	-15.9	-16.2	-14.8	-11.5
169.9	-15.0	-17.2	-14.1	-11.9
170	-16.1	-18.4	-14.3	-12.2
170.1	-16.2	-19.8	-14.0	-13.2
170.2	-16.6	-21.7	-14.3	-13.6
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170.4	-18.9	-26.2	-14.1	-16.1
170.5	-17.8	-24.5	-14.0	-17.7
170.6	-18.0	-26.4	-15.0	-18.0
170.7	-18.2	-24.1	-14.0	-20.2
170.8	-18.5	-25.1	-14.7	-21.5
170.9	-19.3	-24.9	-15.2	-23.9
171	-19.7	-23.9	-15.8	-26.1
171.1	-20.9	-22.7	-16.9	-28.5
171.2	-21.1	-22.9	-17.4	-40.4
171.3	-21.2	-21.5	-17.7	-36.2
171.4	-22.0	-19.9	-17.8	-38.9
171.5	-26.4	-20.5	-19.5	-35.3
171.6	-26.4	-19.9	-21.5	-28.0
171.7	-26.5	-20.1	-20.1	-24.3
171.8	-28.3	-19.1	-21.6	-25.4
171.9	-24.0	-18.6	-23.7	-23.0
172	-27.2	-17.4	-24.0	-21.1
172.1	-22.9	-17.9	-24.9	-21.1
172.2	-22.9	-17.7	-25.7	-20.4
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172.5	-18.3	-16.7	-19.2	-18.9
172.6	-17.6	-16.8	-19.9	-19.0
172.7	-15.9	-17.3	-18.3	-17.9
172.8	-16.8	-19.6	-18.3	-18.2
172.9	-16.1	-17.5	-18.3	-17.9
173	-15.3	-16.6	-17.5	-17.8
173.1	-14.4	-17.4	-16.2	-17.2
173.2	-14.4	-18.4	-16.7	-17.5
173.3	-15.8	-20.5	-16.1	-17.2
173.4	-14.0	-21.0	-15.0	-17.0
173.5	-14.8	-22.0	-14.9	-18.0
173.6	-14.3	-21.2	-15.1	-20.2
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173.8	-14.5	-25.6	-14.8	-19.5
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174.2	-14.0	-34.6	-15.6	-20.8
174.3	-14.2	-27.0	-15.5	-22.0
174.4	-14.1	-26.2	-16.1	-23.7
174.5	-14.9	-23.4	-17.2	-25.1
174.6	-15.5	-22.0	-15.6	-23.1
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174.9	-16.1	-18.4	-19.3	-29.4
175	-16.6	-18.4	-18.7	-29.9
175.1	-17.2	-16.4	-20.4	-40.6
175.2	-18.0	-17.1	-22.3	-36.8
175.3	-18.7	-16.4	-25.5	-30.2
175.4	-18.5	-16.0	-25.9	-35.8
175.5	-20.0	-16.2	-26.9	-34.1
175.6	-21.2	-16.8	-27.6	-34.2
175.7	-21.7	-15.5	-29.6	-31.7
175.8	-23.0	-15.4	-35.6	-32.2
175.9	-24.2	-15.1	-31.9	-38.2
176	-23.9	-16.2	-39.5	-35.0
176.1	-29.5	-15.2	-31.0	-38.2
176.2	-28.1	-14.3	-29.6	-43.7
176.3	-28.6	-14.0	-30.4	-38.2
176.4	-25.6	-14.5	-26.0	-43.5
176.5	-24.5	-14.3	-27.1	-32.0
176.6	-25.2	-14.3	-25.2	-33.4
176.7	-24.8	-13.7	-23.1	-28.6
176.8	-21.7	-13.1	-21.1	-29.9
176.9	-21.9	-13.8	-21.2	-29.3
177	-20.2	-12.8	-22.3	-24.8
177.1	-20.6	-12.8	-21.9	-23.6
177.2	-20.0	-13.3	-20.2	-22.9
177.3	-21.5	-13.3	-19.7	-23.7
177.4	-21.2	-12.5	-20.9	-19.7
177.5	-20.5	-13.5	-20.4	-23.4
177.6	-21.4	-13.2	-19.4	-20.6
177.7	-20.0	-13.3	-19.4	-18.4
177.8	-21.4	-14.6	-20.3	-18.9
177.9	-19.6	-13.3	-20.2	-18.4
178	-20.5	-13.7	-19.5	-18.6
178.1	-22.6	-14.4	-19.6	-16.8
178.2	-22.7	-14.1	-20.7	-16.3
178.3	-22.5	-14.7	-22.0	-17.3
178.4	-19.8	-14.9	-21.3	-16.6
178.5	-21.8	-15.1	-22.0	-16.9
178.6	-22.0	-16.6	-24.1	-16.5
178.7	-22.2	-16.4	-22.2	-16.5
178.8	-21.7	-17.2	-25.5	-16.2
178.9	-24.2	-17.2	-26.2	-16.0
179	-24.1	-18.5	-25.3	-16.6
179.1	-20.7	-17.8	-30.6	-17.1
179.2	-22.7	-19.6	-42.8	-18.2

166.9	-141	-11.7	-9.4	-20.8
167	-13.3	-12.4	-9.8	-24.0
167.1	-14.4	-13.0	-10.3	-24.6
167.2	-15.1	-13.3	-10.5	-28.3
167.3	-15.2	-13.8	-10.7	-33.7
167.4	-16.2	-14.5	-10.4	-27.2
167.5	-15.4	-15.1	-11.0	-24.4
167.6	-15.6	-15.9	-11.2	-24.0
167.7	-16.9	-16.8	-12.1	-21.9
167.8	-17.5	-17.4	-11.7	-18.8
167.9	-17.6	-17.7	-13.0	-19.4
168	-18.8	-21.2	-14.0	-18.7
168.1	-19.0	-22.5	-14.5	-17.8
168.2	-17.9	-24.3	-15.7	-15.9
168.3	-18.4	-27.7	-16.5	-15.9
168.4	-21.0	-31.5	-18.2	-14.2
168.5	-19.8	-29.8	-20.1	-14.4
168.6	-19.7	-29.1	-21.1	-13.7
168.7	-20.7	-25.4	-21.8	-14.4
168.8	-18.6	-25.7	-21.2	-12.8
168.9	-20.9	-23.3	-19.4	-12.3
169	-19.2	-22.2	-21.0	-11.7
169.1	-20.8	-18.3	-18.8	-11.0
169.2	-21.3	-19.7	-19.0	-11.6
169.3	-19.9	-20.1	-17.4	-10.9
169.4	-20.1	-18.7	-16.4	-10.7
169.5	-20.5	-16.6	-15.1	-10.5
169.6	-20.4	-17.3	-14.7	-10.0
169.7	-21.1	-17.3	-14.2	-10.4
169.8	-22.2	-15.8	-14.1	-10.1
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170.4	-30.5	-15.3	-12.6	-11.0
170.5	-45.9	-15.0	-12.7	-11.0
170.6	-26.8	-16.2	-12.6	-10.4
170.7	-36.3	-15.0	-13.3	-11.5
170.8	-39.3	-15.0	-13.5	-12.2
170.9	-30.5	-15.6	-14.2	-12.3
171	-33.2	-15.2	-14.1	-12.8
171.1	-34.9	-15.2	-14.7	-13.2
171.2	-30.1	-14.6	-14.7	-13.2
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171.4	-28.7	-14.0	-16.1	-15.5
171.5	-25.8	-15.2	-16.8	-16.0
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171.7	-28.2	-14.2	-19.1	-18.2
171.8	-34.3	-14.5	-21.9	-19.8
171.9	-26.9	-14.9	-21.3	-20.8
172	-29.5	-14.1	-25.6	-21.7
172.1	-35.0	-14.1	-25.1	-22.1
172.2	-44.1	-13.4	-23.4	-22.5
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172.5	-30.5	-13.7	-23.4	-22.5
172.6	-34.5	-13.0	-20.5	-20.4
172.7	-28.1	-13.2	-21.0	-19.6
172.8	-34.2	-12.3	-19.2	-18.9
172.9	-27.4	-12.8	-17.6	-17.1
173	-28.8	-12.8	-18.9	-18.5
173.1	-25.9	-14.3	-17.5	-17.6
173.2	-23.5	-13.5	-16.7	-16.5
173.3	-25.0	-14.1	-17.5	-17.3
173.4	-23.0	-14.7	-16.0	-16.1
173.5	-19.0	-14.4	-16.2	-17.2
173.6	-20.9	-15.1	-14.9	-16.0
173.7	-18.7	-16.6	-15.8	-15.2
173.8	-18.3	-18.1	-15.8	-15.9
173.9	-16.9	-19.1	-16.4	-16.5
174	-17.6	-19.9	-15.4	-15.5
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174.5	-14.6	-25.9	-18.3	-18.5
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174.8	-15.6	-27.3	-19.7	-18.9
174.9	-14.0	-23.2	-20.0	-19.9
175	-14.9	-22.6	-19.7	-21.8
175.1	-14.5	-19.7	-20.9	-23.4
175.2	-14.7	-17.6	-19.5	-25.0
175.3	-15.1	-17.8	-19.2	-23.7
175.4	-14.9	-17.7	-18.3	-26.5
175.5	-14.8	-17.0	-18.1	-26.2
175.6	-15.8	-16.0	-17.1	-39.8
175.7	-15.2	-15.0	-15.8	-38.0
175.8	-16.0	-14.3	-17.6	-30.3
175.9	-16.7	-14.4	-14.9	-39.4
176	-17.1	-13.7	-15.3	-38.9
176.1	-16.9	-13.2	-14.7	-34.7
176.2	-17.5	-14.0	-15.1	-31.1
176.3	-17.4	-13.4	-14.7	-32.8
176.4	-17.5	-13.3	-15.9	-36.0
176.5	-20.0	-13.9	-15.7	-30.4
176.6	-21.9	-15.0	-15.0	-29.3
176.7	-19.8	-13.8	-16.2	-29.8
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177	-20.3	-15.8	-17.4	-30.2
177.1	-20.3	-16.9	-19.1	-42.0
177.2	-20.9	-16.9	-18.9	-31.6
177.3	-21.3	-18.4	-19.8	-29.7
177.4	-21.0	-18.9	-19.9	-30.0
177.5	-20.1	-20.4	-23.5	-32.1
177.6	-21.0	-20.6	-25.5	-26.0
177.7	-21.0	-25.7	-27.9	-27.3
177.8	-21.6	-24.4	-34.3	-25.5
177.9	-19.3	-26.6	-47.0	-22.2
178	-20.8	-29.1	-38.2	-23.3
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178.2	-18.7	-34.9	-31.7	-23.2
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178.4	-17.9	-29.4	-24.7	-21.9
178.5	-17.6	-25.0	-25.3	-19.4
178.6	-18.2	-23.9	-24.9	-19.5
178.7	-17.8	-20.8	-24.7	-18.8
178.8	-17.4	-20.0	-23.7	-17.9
178.9	-16.4	-18.8	-21.9	-18.3
179	-17.0	-18.5	-23.5	-18.3
179.1	-16.5	-17.3	-23.3	-17.9
179.2	-17.7	-17.4	-21.2	-20.1

179.3	-22.5	-22.0	-34.0	-17.7	179.3	-18.0	-16.6	-22.4	-18.2	179.3	-25.0	-28.9	-21.9	-30.5
179.4	-22.5	-20.1	-34.6	-18.2	179.4	-18.0	-17.4	-22.2	-18.2	179.4	-24.1	-22.8	-21.5	-28.7
179.5	-24.6	-19.8	-27.6	-18.2	179.5	-18.4	-16.6	-27.6	-18.6	179.5	-24.6	-22.9	-22.5	-33.8
179.6	-23.9	-20.1	-29.6	-18.3	179.6	-16.9	-15.8	-26.5	-18.5	179.6	-27.8	-21.6	-23.2	-32.8
179.7	-23.1	-18.9	-24.0	-19.2	179.7	-18.6	-15.5	-27.5	-17.7	179.7	-26.6	-20.9	-25.3	-27.5
179.8	-26.7	-20.2	-24.4	-19.4	179.8	-16.2	-15.0	-26.0	-17.4	179.8	-29.9	-20.0	-24.4	-28.7
179.9	-24.9	-21.4	-22.3	-19.3	179.9	-18.7	-14.4	-28.5	-18.8	179.9	-30.2	-18.6	-25.8	-27.6
180	-33.3	-19.3	-25.2	-18.6	180	-19.5	-14.9	-33.2	-20.4	180	-32.2	-20.3	-26.9	-23.4