

AI 110° / AI UB 85° 15" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	
psi gpm																		
AI110015VS	30	0.130	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4	6.1	5.7	5.4	5.1	4.9	4.7	4.5
	40	0.15	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	6.3	5.9	5.7	5.4	5.2
	50	0.168	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3	7.8	7.4	7.0	6.6	6.3	6.0	5.8
100 MESH	60	0.184	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.7	7.3	6.9	6.6	6.3
	70	0.198	19.6	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.2	8.7	8.3	7.9	7.5	7.1	6.8
	80	0.212	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.8	8.4	8.0	7.6	7.3
GREEN	90	0.225	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	9.4	8.9	8.5	8.1	7.7
	100	0.237	23.5	20.9	18.8	17.1	15.7	14.4	13.4	12.5	11.7	11.0	10.4	9.9	9.4	8.9	8.5	8.2
	110	0.249	24.6	21.9	19.7	17.9	16.4	15.2	14.1	13.1	12.3	11.6	10.9	10.4	9.9	9.4	9.0	8.6
AI11002VS	30	0.173	17.1	15.2	13.7	12.5	11.4	10.6	9.8	9.1	8.6	8.1	7.6	7.2	6.9	6.5	6.2	6.0
	40	0.200	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3	8.8	8.3	7.9	7.5	7.2	6.9
	50	0.224	22.1	19.7	17.7	16.1	14.8	13.6	12.6	11.8	11.1	10.4	9.8	9.3	8.9	8.4	8.0	7.7
50 MESH	60	0.245	24.2	21.6	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4	10.8	10.2	9.7	9.2	8.8	8.4
	70	0.265	26.2	23.3	21.0	19.0	17.5	16.1	15.0	14.0	13.1	12.3	11.6	11.0	10.5	10.0	9.5	9.1
	80	0.283	28.0	24.9	22.4	20.4	18.7	17.2	16.0	14.9	14.0	13.2	12.4	11.8	11.2	10.7	10.2	9.7
YELLOW	90	0.300	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	12.5	11.9	11.3	10.8	10.3
	100	0.316	31.3	27.8	25.0	22.8	20.9	19.3	17.9	16.7	15.7	14.7	13.9	13.2	12.5	11.9	11.4	10.9
	110	0.332	32.8	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.5	14.6	13.8	13.1	12.5	11.9	11.4
AI110025VS AIUB85025VS	30	0.217	21.4	19.1	17.1	15.6	14.3	13.2	12.2	11.4	10.7	10.1	9.5	9.0	8.6	8.2	7.8	7.5
	40	0.250	24.8	22.0	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6	11.0	10.4	9.9	9.4	9.0	8.6
	50	0.280	27.7	24.6	22.1	20.1	18.4	17.0	15.8	14.8	13.8	13.0	12.3	11.7	11.1	10.5	10.1	9.6
50 MESH	60	0.306	30.3	26.9	24.2	22.0	20.2	18.7	17.3	16.2	15.2	14.3	13.5	12.8	12.1	11.5	11.0	10.5
	70	0.331	32.7	29.1	26.2	23.8	21.8	20.1	18.7	17.5	16.4	15.4	14.6	13.8	13.1	12.5	11.9	11.4
	80	0.354	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.7	14.0	13.3	12.7	12.2
TURQUOISE	90	0.375	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	15.6	14.9	14.1	13.5	12.9
	100	0.395	39.1	34.8	31.3	28.5	26.1	24.1	22.4	20.9	19.6	18.4	17.4	16.5	15.7	14.9	14.2	13.6
	110	0.415	41.0	36.5	32.8	29.8	27.4	25.3	23.5	21.9	20.5	19.3	18.2	17.3	16.4	15.6	14.9	14.3
AI11003VS AIUB8503VS	30	0.260	25.7	22.9	20.6	18.7	17.1	15.8	14.7	13.7	12.9	12.1	11.4	10.8	10.3	9.8	9.4	8.9
	40	0.300	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	12.5	11.9	11.3	10.8	10.3
	50	0.335	33.2	29.5	26.6	24.1	22.1	20.4	19.0	17.7	16.6	15.6	14.8	14.0	13.3	12.6	12.1	11.5
50 MESH	60	0.367	36.4	32.3	29.1	26.5	24.2	22.4	20.8	19.4	18.2	17.1	16.2	15.3	14.5	13.9	13.2	12.7
	70	0.397	39.3	34.9	31.4	28.6	26.2	24.2	22.5	21.0	19.6	18.5	17.5	16.5	15.7	15.0	14.3	13.7
	80	0.424	42.0	37.3	33.6	30.5	28.0	25.8	24.0	22.4	21.0	19.8	18.7	17.7	16.8	16.0	15.3	14.6
BLUE	90	0.450	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	18.8	17.8	17.0	16.2	15.5
	100	0.474	47.0	41.7	37.6	34.2	31.3	28.9	26.8	25.0	23.5	22.1	20.9	19.8	18.8	17.9	17.1	16.3
	110	0.497	49.3	43.8	39.4	35.8	32.8	30.3	28.1	26.3	24.6	23.2	21.9	20.7	19.7	18.8	17.9	17.1
AI11004VS AIUB8504VS	30	0.346	34.3	30.5	27.4	24.9	22.9	21.1	19.6	18.3	17.1	16.1	15.2	14.4	13.7	13.1	12.5	11.9
	40	0.400	39.6	35.2	31.7	28.8	26.4	24.4	22.6	21.1	19.8	18.6	17.6	16.7	15.8	15.1	14.4	13.8
	50	0.447	44.3	39.4	35.4	32.2	29.5	27.2	25.3	23.6	22.1	20.8	19.7	18.6	17.7	16.9	16.1	15.4
50 MESH	60	0.490	48.5	43.1	38.8	35.3	32.3	29.8	27.7	25.9	24.2	22.8	21.6	20.4	19.4	18.5	17.6	16.9
	70	0.529	52.4	46.6	41.9	38.1	34.9	32.2	29.9	27.9	26.2	24.7	23.3	22.1	21.0	20.0	19.0	18.2
	80	0.566	56.0	49.8	44.8	40.7	37.3	34.5	32.0	29.9	28.0	26.4	24.9	23.6	22.4	21.3	20.4	19.5
RED	90	0.600	59.4	52.8	47.5	43.2	39.6	36.6	33.9	31.7	29.7	28.0	26.4	25.0	23.8	22.6	21.6	20.7
	100	0.632	62.6	55.7	50.1	45.5	41.7	38.5	35.8	33.4	31.3	29.5	27.8	26.4	25.0	23.9	22.8	21.8
	110	0.663	65.7	58.4	52.5	47.8	43.8	40.4	37.5	35.0	32.8	30.9	29.2	27.7	26.3	25.0	23.9	22.8

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ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph		
																		gpm	psi
4.3	4.1	4.0	3.8	3.7	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.6	0.130	30	
5.0	4.8	4.6	4.4	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	3.0	0.150	40	
5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	0.168	50	
6.1	5.8	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	0.184	60	
6.5	6.3	6.0	5.8	5.6	5.4	5.2	5.1	4.9	4.8	4.6	4.5	4.4	4.2	4.1	4.0	3.9	0.198	70	
7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.8	4.7	4.5	4.4	4.3	4.2	0.212	80	
7.4	7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.6	5.4	5.2	5.1	5.0	4.8	4.7	4.6	4.5	0.225	90	
7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	0.237	100	
8.2	7.9	7.6	7.3	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.2	5.1	4.9	0.249	110	

AI110015VS
100 MESH
GREEN

5.7	5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.7	3.6	3.5	3.4	0.173	30
6.6	6.3	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.7	4.5	4.4	4.3	4.2	4.1	4.0	0.200	40
7.4	7.1	6.8	6.6	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	4.9	4.8	4.7	4.5	4.4	0.224	50
8.1	7.8	7.5	7.2	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.4	5.2	5.1	5.0	4.8	0.245	60
8.7	8.4	8.1	7.8	7.5	7.2	7.0	6.8	6.5	6.3	6.2	6.0	5.8	5.7	5.5	5.4	5.2	0.265	70
9.3	9.0	8.6	8.3	8.0	7.7	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.7	5.6	0.283	80
9.9	9.5	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	0.300	90
10.4	10.0	9.6	9.3	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.3	0.316	100
10.9	10.5	10.1	9.7	9.4	9.1	8.8	8.5	8.2	8.0	7.7	7.5	7.3	7.1	6.9	6.7	6.6	0.332	110

AI11002VS
50 MESH
YELLOW

7.1	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.4	5.2	5.0	4.9	4.8	4.6	4.5	4.4	4.3	0.217	30
8.3	7.9	7.6	7.3	7.1	6.8	6.6	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2	5.1	5.0	0.250	40
9.2	8.9	8.5	8.2	7.9	7.6	7.4	7.1	6.9	6.7	6.5	6.3	6.1	6.0	5.8	5.7	5.5	0.280	50
10.1	9.7	9.3	9.0	8.7	8.4	8.1	7.8	7.6	7.3	7.1	6.9	6.7	6.6	6.4	6.2	6.1	0.306	60
10.9	10.5	10.1	9.7	9.4	9.0	8.7	8.4	8.2	7.9	7.7	7.5	7.3	7.1	6.9	6.7	6.5	0.331	70
11.7	11.2	10.8	10.4	10.0	9.7	9.3	9.0	8.8	8.5	8.2	8.0	7.8	7.6	7.4	7.2	7.0	0.354	80
12.4	11.9	11.4	11.0	10.6	10.2	9.9	9.6	9.3	9.0	8.7	8.5	8.3	8.0	7.8	7.6	7.4	0.375	90
13.0	12.5	12.0	11.6	11.2	10.8	10.4	10.1	9.8	9.5	9.2	8.9	8.7	8.5	8.2	8.0	7.8	0.395	100
13.7	13.1	12.6	12.2	11.7	11.3	10.9	10.6	10.3	9.9	9.7	9.4	9.1	8.9	8.6	8.4	8.2	0.415	110

AI110025VS
AIUB85025VS
50 MESH
TURQUOISE

8.6	8.2	7.9	7.6	7.3	7.1	6.9	6.6	6.4	6.2	6.1	5.9	5.7	5.6	5.4	5.3	5.1	0.260	30
9.9	9.5	9.1	8.8	8.5	8.2	7.9	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	0.300	40
11.1	10.6	10.2	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	0.335	50
12.1	11.6	11.2	10.8	10.4	10.0	9.7	9.4	9.1	8.8	8.6	8.3	8.1	7.9	7.7	7.5	7.3	0.367	60
13.1	12.6	12.1	11.6	11.2	10.8	10.5	10.1	9.8	9.5	9.2	9.0	8.7	8.5	8.3	8.1	7.9	0.397	70
14.0	13.4	12.9	12.4	12.0	11.6	11.2	10.8	10.5	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.4	0.424	80
14.9	14.3	13.7	13.2	12.7	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.6	9.4	9.1	8.9	0.450	90
15.7	15.0	14.4	13.9	13.4	13.0	12.5	12.1	11.7	11.4	11.0	10.7	10.4	10.2	9.9	9.6	9.4	0.474	100
16.4	15.8	15.2	14.6	14.1	13.6	13.1	12.7	12.3	11.9	11.6	11.3	10.9	10.6	10.4	10.1	9.9	0.497	110

AI11003VS
AIUB8503VS
50 MESH
BLUE

11.4	11.0	10.6	10.2	9.8	9.5	9.1	8.9	8.6	8.3	8.1	7.8	7.6	7.4	7.2	7.0	6.9	0.346	30
13.2	12.7	12.2	11.7	11.3	10.9	10.6	10.2	9.9	9.6	9.3	9.1	8.8	8.6	8.3	8.1	7.9	0.400	40
14.8	14.2	13.6	13.1	12.6	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.6	9.3	9.1	8.9	0.447	50
16.2	15.5	14.9	14.4	13.9	13.4	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.5	10.2	9.9	9.7	0.490	60
17.5	16.8	16.1	15.5	15.0	14.5	14.0	13.5	13.1	12.7	12.3	12.0	11.6	11.3	11.0	10.7	10.5	0.529	70
18.7	17.9	17.2	16.6	16.0	15.4	14.9	14.5	14.0	13.6	13.2	12.8	12.4	12.1	11.8	11.5	11.2	0.566	80
19.8	19.0	18.3	17.6	17.0	16.4	15.8	15.3	14.9	14.4	14.0	13.6	13.2	12.8	12.5	12.2	11.9	0.600	90
20.9	20.0	19.3	18.6	17.9	17.3	16.7	16.2	15.7	15.2	14.7	14.3	13.9	13.5	13.2	12.8	12.5	0.632	100
21.9	21.0	20.2	19.5	18.8	18.1	17.5	16.9	16.4	15.9	15.5	15.0	14.6	14.2	13.8	13.5	13.1	0.663	110

AI11004VS
AIUB8504VS
50 MESH
RED

AI 110° / AI UB 85° 15" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

mph		4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5		
AI11005VS	30	0.433	42.9	38.1	34.3	31.2	28.6	26.4	24.5	22.9	21.4	20.2	19.1	18.0	17.1	16.3	15.6	14.9	
	40	0.500	49.5	44.0	39.6	36.0	33.0	30.5	28.3	26.4	24.8	23.3	22.0	20.8	19.8	18.9	18.0	17.2	
	50	0.559	55.3	49.2	44.3	40.2	36.9	34.1	31.6	29.5	27.7	26.0	24.6	23.3	22.1	21.1	20.1	19.2	
	50 MESH	60	0.612	60.6	53.9	48.5	44.1	40.4	37.3	34.6	32.3	30.3	28.5	26.9	25.5	24.2	23.1	22.0	21.1
		70	0.661	65.5	58.2	52.4	47.6	43.7	40.3	37.4	34.9	32.7	30.8	29.1	27.6	26.2	24.9	23.8	22.8
		80	0.707	70.0	62.2	56.0	50.9	46.7	43.1	40.0	37.3	35.0	32.9	31.1	29.5	28.0	26.7	25.5	24.3
	BROWN	90	0.750	74.3	66.0	59.4	54.0	49.5	45.7	42.4	39.6	37.1	34.9	33.0	31.3	29.7	28.3	27.0	25.8
		100	0.791	78.3	69.6	62.6	56.9	52.2	48.2	44.7	41.7	39.1	36.8	34.8	33.0	31.3	29.8	28.5	27.2
		110	0.829	82.1	73.0	65.7	59.7	54.7	50.5	46.9	43.8	41.0	38.6	36.5	34.6	32.8	31.3	29.8	28.6
AI11006VS	30	0.520	51.4	45.7	41.2	37.4	34.3	31.7	29.4	27.4	25.7	24.2	22.9	21.7	20.6	19.6	18.7	17.9	
	40	0.600	59.4	52.8	47.5	43.2	39.6	36.6	33.9	31.7	29.7	28.0	26.4	25.0	23.8	22.6	21.6	20.7	
	50	0.671	66.4	59.0	53.1	48.3	44.3	40.9	37.9	35.4	33.2	31.3	29.5	28.0	26.6	25.3	24.1	23.1	
	50 MESH	60	0.735	72.7	64.7	58.2	52.9	48.5	44.8	41.6	38.8	36.4	34.2	32.3	30.6	29.1	27.7	26.5	25.3
		70	0.794	78.6	69.8	62.9	57.1	52.4	48.4	44.9	41.9	39.3	37.0	34.9	33.1	31.4	29.9	28.6	27.3
		80	0.849	84.0	74.7	67.2	61.1	56.0	51.7	48.0	44.8	42.0	39.5	37.3	35.4	33.6	32.0	30.5	29.2
	GRAY	90	0.900	89.1	79.2	71.3	64.8	59.4	54.8	50.9	47.5	44.6	41.9	39.6	37.5	35.6	33.9	32.4	31.0
		100	0.949	93.9	83.5	75.1	68.3	62.6	57.8	53.7	50.1	47.0	44.2	41.7	39.5	37.6	35.8	34.2	32.7
		110	0.995	98.5	87.6	78.8	71.6	65.7	60.6	56.3	52.5	49.3	46.4	43.8	41.5	39.4	37.5	35.8	34.3
AI11008VS	30	0.693	68.6	61.0	54.9	49.9	45.7	42.2	39.2	36.6	34.3	32.3	30.5	28.9	27.4	26.1	24.9	23.9	
	40	0.800	79.2	70.4	63.4	57.6	52.8	48.7	45.3	42.2	39.6	37.3	35.2	33.3	31.7	30.2	28.8	27.5	
	50	0.894	88.5	78.7	70.8	64.4	59.0	54.5	50.6	47.2	44.3	41.7	39.4	37.3	35.4	33.7	32.2	30.8	
	50 MESH	60	0.980	97.0	86.2	77.6	70.5	64.7	59.7	55.4	51.7	48.5	45.6	43.1	40.8	38.8	37.0	35.3	33.7
		70	1.058	104.8	93.1	83.8	76.2	69.8	64.5	59.9	55.9	52.4	49.3	46.6	44.1	41.9	39.9	38.1	36.4
		80	1.131	112.0	99.6	89.6	81.5	74.7	68.9	64.0	59.7	56.0	52.7	49.8	47.2	44.8	42.7	40.7	39.0
	WHITE	90	1.200	118.8	105.6	95.0	86.4	79.2	73.1	67.9	63.4	59.4	55.9	52.8	50.0	47.5	45.3	43.2	41.3
		100	1.265	125.2	111.3	100.2	91.1	83.5	77.1	71.6	66.8	62.6	58.9	55.7	52.7	50.1	47.7	45.5	43.6
		110	1.327	131.3	116.7	105.1	95.5	87.6	80.8	75.1	70.0	65.7	61.8	58.4	55.3	52.5	50.0	47.8	45.7
AI11010VS	30	0.866	85.7	76.2	68.6	62.4	57.2	52.8	49.0	45.7	42.9	40.3	38.1	36.1	34.3	32.7	31.2	29.8	
	40	1.000	99.0	88.0	79.2	72.0	66.0	60.9	56.6	52.8	49.5	46.6	44.0	41.7	39.6	37.7	36.0	34.4	
	50	1.118	110.7	98.4	88.5	80.5	73.8	68.1	63.2	59.0	55.3	52.1	49.2	46.6	44.3	42.2	40.2	38.5	
	50 MESH	60	1.225	121.2	107.8	97.0	88.2	80.8	74.6	69.3	64.7	60.6	57.1	53.9	51.1	48.5	46.2	44.1	42.2
		70	1.323	131.0	116.4	104.8	95.2	87.3	80.6	74.8	69.8	65.5	61.6	58.2	55.1	52.4	49.9	47.6	45.6
		80	1.414	140.0	124.5	112.0	101.8	93.3	86.2	80.0	74.7	70.0	65.9	62.2	59.0	56.0	53.3	50.9	48.7
	LIGHT BLUE	90	1.500	148.5	132.0	118.8	108.0	99.0	91.4	84.9	79.2	74.3	69.9	66.0	62.5	59.4	56.6	54.0	51.7
		100	1.581	156.5	139.1	125.2	113.8	104.4	96.3	89.4	83.5	78.3	73.7	69.6	65.9	62.6	59.6	56.9	54.4
		110	1.658	164.2	145.9	131.3	119.4	109.4	101.0	93.8	87.6	82.1	77.3	73.0	69.1	65.7	62.5	59.7	57.1

AI 110°/ AI UB 85° 15" TIP SPACING

ALL VALUES BASED ON WATER FOR OTHER LIQUIDS SEE USEFUL FORMULAS AND CONVERSIONS

12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	mph	
14.3	13.7	13.2	12.7	12.2	11.8	11.4	11.1	10.7	10.4	10.1	9.8	9.5	9.3	9.0	8.8	8.6	0.433	30
16.5	15.8	15.2	14.7	14.1	13.7	13.2	12.8	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.2	9.9	0.500	40
18.4	17.7	17.0	16.4	15.8	15.3	14.8	14.3	13.8	13.4	13.0	12.6	12.3	12.0	11.7	11.4	11.1	0.559	50
20.2	19.4	18.7	18.0	17.3	16.7	16.2	15.6	15.2	14.7	14.3	13.9	13.5	13.1	12.8	12.4	12.1	0.612	60
21.8	21.0	20.1	19.4	18.7	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.6	14.2	13.8	13.4	13.1	0.661	70
23.3	22.4	21.5	20.7	20.0	19.3	18.7	18.1	17.5	17.0	16.5	16.0	15.6	15.1	14.7	14.4	14.0	0.707	80
24.8	23.8	22.8	22.0	21.2	20.5	19.8	19.2	18.6	18.0	17.5	17.0	16.5	16.1	15.6	15.2	14.9	0.750	90
26.1	25.0	24.1	23.2	22.4	21.6	20.9	20.2	19.6	19.0	18.4	17.9	17.4	16.9	16.5	16.1	15.7	0.791	100
27.4	26.3	25.3	24.3	23.5	22.6	21.9	21.2	20.5	19.9	19.3	18.8	18.2	17.7	17.3	16.8	16.4	0.829	110

17.1	16.5	15.8	15.2	14.7	14.2	13.7	13.3	12.9	12.5	12.1	11.8	11.4	11.1	10.8	10.6	10.3	0.520	30
19.8	19.0	18.3	17.6	17.0	16.4	15.8	15.3	14.9	14.4	14.0	13.6	13.2	12.8	12.5	12.2	11.9	0.600	40
22.1	21.3	20.4	19.7	19.0	18.3	17.7	17.1	16.6	16.1	15.6	15.2	14.8	14.4	14.0	13.6	13.3	0.671	50
24.2	23.3	22.4	21.6	20.8	20.1	19.4	18.8	18.2	17.6	17.1	16.6	16.2	15.7	15.3	14.9	14.5	0.735	60
26.2	25.1	24.2	23.3	22.5	21.7	21.0	20.3	19.6	19.0	18.5	18.0	17.5	17.0	16.5	16.1	15.7	0.794	70
28.0	26.9	25.8	24.9	24.0	23.2	22.4	21.7	21.0	20.4	19.8	19.2	18.7	18.2	17.7	17.2	16.8	0.849	80
29.7	28.5	27.4	26.4	25.5	24.6	23.8	23.0	22.3	21.6	21.0	20.4	19.8	19.3	18.8	18.3	17.8	0.900	90
31.3	30.1	28.9	27.8	26.8	25.9	25.0	24.2	23.5	22.8	22.1	21.5	20.9	20.3	19.8	19.3	18.8	0.949	100
32.8	31.5	30.3	29.2	28.1	27.2	26.3	25.4	24.6	23.9	23.2	22.5	21.9	21.3	20.7	20.2	19.7	0.995	110

22.9	21.9	21.1	20.3	19.6	18.9	18.3	17.7	17.1	16.6	16.1	15.7	15.2	14.8	14.4	14.1	13.7	0.693	30
26.4	25.3	24.4	23.5	22.6	21.8	21.1	20.4	19.8	19.2	18.6	18.1	17.6	17.1	16.7	16.2	15.8	0.800	40
29.5	28.3	27.2	26.2	25.3	24.4	23.6	22.9	22.1	21.5	20.8	20.2	19.7	19.1	18.6	18.2	17.7	0.894	50
32.3	31.0	29.8	28.7	27.7	26.8	25.9	25.0	24.2	23.5	22.8	22.2	21.6	21.0	20.4	19.9	19.4	0.980	60
34.9	33.5	32.2	31.0	29.9	28.9	27.9	27.0	26.2	25.4	24.7	23.9	23.3	22.7	22.1	21.5	21.0	1.058	70
37.3	35.8	34.5	33.2	32.0	30.9	29.9	28.9	28.0	27.2	26.4	25.6	24.9	24.2	23.6	23.0	22.4	1.131	80
39.6	38.0	36.6	35.2	33.9	32.8	31.7	30.7	29.7	28.8	28.0	27.2	26.4	25.7	25.0	24.4	23.8	1.200	90
41.7	40.1	38.5	37.1	35.8	34.5	33.4	32.3	31.3	30.4	29.5	28.6	27.8	27.1	26.4	25.7	25.0	1.265	100
43.8	42.0	40.4	38.9	37.5	36.2	35.0	33.9	32.8	31.8	30.9	30.0	29.2	28.4	27.7	26.9	26.3	1.327	110

28.6	27.4	26.4	25.4	24.5	23.7	22.9	22.1	21.4	20.8	20.2	19.6	19.1	18.5	18.0	17.6	17.1	0.866	30
33.0	31.7	30.5	29.3	28.3	27.3	26.4	25.5	24.8	24.0	23.3	22.6	22.0	21.4	20.8	20.3	19.8	1.000	40
36.9	35.4	34.1	32.8	31.6	30.5	29.5	28.6	27.7	26.8	26.0	25.3	24.6	23.9	23.3	22.7	22.1	1.118	50
40.4	38.8	37.3	35.9	34.6	33.4	32.3	31.3	30.3	29.4	28.5	27.7	26.9	26.2	25.5	24.9	24.2	1.225	60
43.7	41.9	40.3	38.8	37.4	36.1	34.9	33.8	32.7	31.7	30.8	29.9	29.1	28.3	27.6	26.9	26.2	1.323	70
46.7	44.8	43.1	41.5	40.0	38.6	37.3	36.1	35.0	33.9	32.9	32.0	31.1	30.3	29.5	28.7	28.0	1.414	80
49.5	47.5	45.7	44.0	42.4	41.0	39.6	38.3	37.1	36.0	34.9	33.9	33.0	32.1	31.3	30.5	29.7	1.500	90
52.2	50.1	48.2	46.4	44.7	43.2	41.7	40.4	39.1	37.9	36.8	35.8	34.8	33.8	33.0	32.1	31.3	1.581	100
54.7	52.5	50.5	48.6	46.9	45.3	43.8	42.4	41.0	39.8	38.6	37.5	36.5	35.5	34.6	33.7	32.8	1.658	110