

General information

Remover name	Organic Cotton Colours		
Project code	OCCL001		
Project name	João Lourenço Gonçalves		
Location	Salgado de São Félix, Paraíba, Brazil		
Area	7.93 ha		
Start year	2024		year of planting
Project duration	20	years	
Holding pool	20%		freed up when measurements confirm projection pathways
Project emissions	20%		LCA estimate, or specified when >20%

Per hectare

Baseline TEC	89	tCO2/ha	Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003
Reference capacity	155	tCO2/ha	Using CEDA and Soil sample data
Storage potential	66	tCO2/ha	Projection -/- baseline

Per project

Projected storage	522	tCO2	storage potential per ha x area
LCA emissions	104	tCO2	project related emissions
Net storage potential	418	tCO2	project storage -/- emissions over 20 years

Removal credits issued

Units first 12 years	251	units	12/20 x net storage potential
Holding Pool	50	units	20% of the first 12 years
Potential units issued	201	units	31.6519546 per ha

[illegible]

Asset class	Asset	Type	Rate	Period (days/yr)	DOCSBEMF	DOCS	Depth, Meter (m)	Site No.	ASB (DOCS)	Investment	Rate
AJC-001	Admiral-class (Type 23) frigate	SEA	15.000%	365	EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-002	Admiral-class (Type 23) frigate	SEA			EOC	0.0000	0.00	7.21	7.21	0.00M	0.00M
AJC-003	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-004	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-005	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-006	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-007	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-008	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-009	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-010	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-011	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-012	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-013	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-014	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-015	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-016	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-017	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-018	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-019	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-020	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-021	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-022	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-023	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-024	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-025	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-026	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-027	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-028	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-029	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-030	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-031	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-032	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-033	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-034	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-035	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-036	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-037	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-038	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-039	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-040	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-041	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-042	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-043	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-044	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-045	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-046	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-047	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-048	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-049	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-050	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-051	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-052	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-053	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-054	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-055	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-056	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-057	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-058	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-059	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-060	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-061	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-062	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-063	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-064	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-065	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-066	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-067	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-068	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-069	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-070	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-071	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-072	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-073	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-074	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-075	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-076	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-077	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-078	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-079	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-080	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-081	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-082	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-083	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-084	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-085	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-086	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-087	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-088	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-089	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-090	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-091	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-092	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-093	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-094	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-095	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-096	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-097	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-098	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-099	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M
AJC-100	Admiral-class (Type 23) frigate	SEA			EOC	0.0174	0.34	7.21	7.21	25.73M	25.73M

Step 1: Calculate the Annual Growth Rate

Using a 5% discount rate and 10 years, the rate for compound growth formula:

$$1 + r = \left(\frac{FV}{PV} \right)^{\frac{1}{n}}$$

Using the 5% discount rate:

$$1 + r = \left(\frac{1.05}{1.00} \right)^{\frac{1}{10}}$$

1.0500 is 1.0500 per year

Step 2: Project DOCS for 10 years

Using the 5% annual growth rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 3: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 4: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 5: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 6: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 7: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 8: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 9: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 10: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 11: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 12: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 13: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 14: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$1 + r = 1.0500$$

1.0500 is 1.0500

Step 15: Calculate the Annual Growth Rate

Using the 5% discount rate:

$$$$

Carbon Calculation for		OCCL001									
Surface	7.93 ha	Fields tab									
Capacity Reference SOC	0.94 SOC %	References tab									
Capacity Reference AGB	0.51 tCO2e/ha	References tab									
	2024			2027		2030		2033		2036	
Measurement average	0.51736 SOC %		#DIV/0!	SOC g/kg		#DIV/0!	SOC g/kg	#DIV/0!	SOC g/kg	#DIV/0!	SOC g/kg
Sample depth	30 cm		#DIV/0!	cm		#DIV/0!	cm	#DIV/0!	cm	#DIV/0!	cm
Calculation depth	30 cm			30 cm			30 cm		30 cm		30 cm
Soil density	1.555 g/cm3		#DIV/0!	g/cm3		#DIV/0!	g/cm3	#DIV/0!	g/cm3	#DIV/0!	g/cm3
Soil density REF	1.499 g/cm3										
SOC (soil carbon) / ha	88 tCO2e/ha		#DIV/0!	tCO2e/ha		#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha
Soil Carbon per ha REF	154.34 tCO2e/ha										
AGB (above ground) / ha	0.51 tCO2e/ha		#DIV/0!	tCO2e/ha		#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha	#DIV/0!	tCO2e/ha
Storage current	706 tCO2e		#DIV/0!	tCO2e		#DIV/0!	tCO2e	#DIV/0!	tCO2e	#DIV/0!	tCO2e
Storage capacity	1,228 tCO2e		#N/A	tCO2e		#N/A	tCO2e	#N/A	tCO2e	#N/A	tCO2e

Sources											
value	source	URL	Notes								
CEDA aboveground biomass carbon	https://climatee	https://dataceda	2018 data								
SOC	A critical review of the conventional SOC to SOM conversion factor (Geoderma, Volume 156, Issues 3–4, 15 May 2010, Pages 75-83)										
Density	Wageningen Ur	https://edepot.wu	We've added these soil density levels to the calculation factors tab								
Reference data for capacity											
SOC (soil)	0.936	SOC %	https://www.researchgate.net/publication/336428749_Soil_carbon_accumulation_in_cotton_production_systems_in_the_Brazilian_Cerrado								
AGB (above ground)	0.51	tCO2e/ha	*Extremely arid environment								

from CO2

3.66666667

sol density

% organic matter

% organic carbon

sol density

1.50	0.5	0.25	1.50
1.583	0.5	0.31	1.583
1.576	0.7	0.35	1.576
1.569	0.8	0.4	1.569
1.562	0.9	0.45	1.562
1.555	1	0.5	1.555
1.548	1.1	0.55	1.548
1.541	1.2	0.6	1.541
1.534	1.3	0.65	1.534
1.527	1.4	0.7	1.527
1.52	1.5	0.75	1.52
1.513	1.6	0.8	1.513
1.506	1.7	0.85	1.506
1.499	1.8	0.9	1.499
1.492	1.9	0.95	1.492
1.485	2	1	1.485
1.478	2.1	1.05	1.478
1.471	2.2	1.1	1.471
1.464	2.3	1.15	1.464
1.457	2.4	1.2	1.457
1.45	2.5	1.25	1.45
1.444	2.6	1.3	1.444
1.438	2.7	1.35	1.438
1.432	2.8	1.4	1.432
1.426	2.9	1.45	1.426
1.42	3	1.5	1.42
1.414	3.1	1.55	1.414
1.408	3.2	1.6	1.408
1.402	3.3	1.65	1.402
1.396	3.4	1.7	1.396
1.39	3.5	1.75	1.39
1.385	3.6	1.8	1.385
1.38	3.7	1.85	1.38
1.375	3.8	1.9	1.375
1.37	3.9	1.95	1.37
1.365	4	2	1.365
1.36	4.1	2.05	1.36
1.355	4.2	2.1	1.355
1.35	4.3	2.15	1.35
1.345	4.4	2.2	1.345
1.34	4.5	2.25	1.34
1.335	4.6	2.3	1.335
1.33	4.7	2.35	1.33
1.325	4.8	2.4	1.325
1.32	4.9	2.45	1.32
1.315	5	2.5	1.315
1.31	5.1	2.55	1.31
1.305	5.2	2.6	1.305
1.3	5.3	2.65	1.3
1.295	5.4	2.7	1.295
1.29	5.5	2.75	1.29
1.285	5.6	2.8	1.285
1.28	5.7	2.85	1.28
1.275	5.8	2.9	1.275
1.27	5.9	2.95	1.27
1.265	6	3	1.265
1.26	6.1	3.05	1.26
1.255	6.2	3.1	1.255
1.25	6.3	3.15	1.25
1.245	6.4	3.2	1.245
1.24	6.5	3.25	1.24
1.234	6.6	3.3	1.234
1.228	6.7	3.35	1.228
1.222	6.8	3.4	1.222
1.216	6.9	3.45	1.216
1.21	7	3.5	1.21
1.204	7.1	3.55	1.204
1.198	7.2	3.6	1.198
1.192	7.3	3.65	1.192
1.186	7.4	3.7	1.186
1.18	7.5	3.75	1.18
1.175	7.6	3.8	1.175
1.17	7.7	3.85	1.17
1.165	7.8	3.9	1.165
1.16	7.9	3.95	1.16
1.155	8	4	1.155
1.15	8.1	4.05	1.15
1.145	8.2	4.1	1.145
1.14	8.3	4.15	1.14
1.135	8.4	4.2	1.135
1.13	8.5	4.25	1.13
1.126	8.6	4.3	1.126
1.122	8.7	4.35	1.122
1.118	8.8	4.4	1.118
1.114	8.9	4.45	1.114
1.11	9	4.5	1.11
1.106	9.1	4.55	1.106
1.102	9.2	4.6	1.102
1.098	9.3	4.65	1.098
1.094	9.4	4.7	1.094
1.09	9.5	4.75	1.09
1.086	9.6	4.8	1.086
1.082	9.7	4.85	1.082
1.078	9.8	4.9	1.078
1.074	9.9	4.95	1.074
1.07	10	5	1.07
1.066	10.1	5.05	1.066
1.062	10.2	5.1	1.062
1.058	10.3	5.15	1.058
1.054	10.4	5.2	1.054
1.05	10.5	5.25	1.05
1.046	10.6	5.3	1.046
1.042	10.7	5.35	1.042
1.038	10.8	5.4	1.038
1.034	10.9	5.45	1.034
1.03	11	5.5	1.03
1.026	11.1	5.55	1.026
1.022	11.2	5.6	1.022
1.018	11.3	5.65	1.018
1.014	11.4	5.7	1.014
1.01	11.5	5.75	1.01
1.005	11.6	5.8	1.005
1	11.7	5.85	1
0.995	11.8	5.9	0.995
0.99	11.9	5.95	0.99
0.985	12	6	0.985
0.98	12.1	6.05	0.98
0.975	12.2	6.1	0.975
0.97	12.3	6.15	0.97
0.965	12.4	6.2	0.965
0.96	12.5	6.25	0.96
0.957	12.6	6.3	0.957
0.954	12.7	6.35	0.954
0.951	12.8	6.4	0.951
0.948	12.9	6.45	0.948
0.945	13	6.5	0.945
0.942	13.1	6.55	0.942
0.939	13.2	6.6	0.939
0.936	13.3	6.65	0.936
0.933	13.4	6.7	0.933
0.93	13.5	6.75	0.93
0.927	13.6	6.8	0.927
0.924	13.7	6.85	0.924
0.921	13.8	6.9	0.921
0.918	13.9	6.95	0.918
0.915	14	7	0.915
0.912	14.1	7.05	0.912
0.909	14.2	7.1	0.909
0.906	14.3	7.15	0.906
0.903	14.4	7.2	0.903
0.9	14.5	7.25	0.9
0.897	14.6	7.3	0.897
0.894	14.7	7.35	0.894
0.891	14.8	7.4	0.891
0.888	14.9	7.45	0.888
0.885	15	7.5	0.885
0.882	15.1	7.55	0.882
0.879	15.2	7.6	0.879
0.876	15.3	7.65	0.876
0.873	15.4	7.7	0.873
0.87	15.5	7.75	0.87
0.867	15.6	7.8	0.867
0.864	15.7	7.85	0.864
0.861	15.8	7.9	0.861
0.858	15.9	7.95	0.858
0.855	16	8	0.855
0.852	16.1	8.05	0.852
0.849	16.2	8.1	0.849
0.846	16.3	8.15	0.846
0.843	16.4	8.2	0.843
0.84	16.5	8.25	0.84
0.837	16.6	8.3	0.837
0.834	16.7	8.35	0.834
0.831	16.8	8.4	0.831
0.828	16.9	8.45	0.828
0.825	17	8.5	0.825
0.822	17.1	8.55	0.822
0.819	17.2	8.6	0.819
0.816	17.3	8.65	0.816
0.813	17.4	8.7	0.813

0.486	43.4	21.7	0.486
0.484	43.6	21.8	0.484
0.482	43.8	21.9	0.482
0.48	44	22	0.48
0.478	44.2	22.1	0.478
0.476	44.4	22.2	0.476
0.474	44.6	22.3	0.474
0.472	44.8	22.4	0.472
0.47	45	22.5	0.47
0.469	45.2	22.6	0.469
0.468	45.4	22.7	0.468
0.467	45.6	22.8	0.467
0.466	45.8	22.9	0.466
0.465	46	23	0.465
0.464	46.2	23.1	0.464
0.463	46.4	23.2	0.463
0.462	46.6	23.3	0.462
0.461	46.8	23.4	0.461
0.46	47	23.5	0.46
0.458	47.2	23.6	0.458
0.456	47.4	23.7	0.456
0.454	47.6	23.8	0.454
0.452	47.8	23.9	0.452
0.45	48	24	0.45
0.448	48.2	24.1	0.448
0.446	48.4	24.2	0.446
0.444	48.6	24.3	0.444
0.442	48.8	24.4	0.442
0.44	49	24.5	0.44

