



































































Pattern Name: Research Project Large
Designed By: N. Northup
Company: Charting Creations
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Fabric: Evenweave 25, White
 850w X 614h Stitches
Size(s): 25 Count, 86.36w X 62.38h cm
 18 Count, 119.94w X 86.64h cm
 14 Count, 154.21w X 111.40h cm

Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
	2	DMC	158	Cornflower Blue-MD VY DK
	2	DMC	160	Gray Blue-MD
	2	DMC	161	Gray Blue
	2	DMC	169	Pewter-LT
	2	DMC	208	Lavender-VY DK
	2	DMC	209	Lavender-DK
	2	DMC	210	Lavender-MD
	2	DMC	225	Shell Pink-UL VY LT
	2	DMC	300	Mahogany-VY DK
	2	DMC	301	Mahogany-MD
	2	DMC	310	Black
	2	DMC	311	Wedgewood-VY DK
	2	DMC	315	Antique Mauve-VY DK
	2	DMC	317	Pewter Gray
	2	DMC	327	Lavender-VY DK
	2	DMC	333	Blue Violet-VY DK
	2	DMC	340	Blue Violet-MD
	2	DMC	370	Mustard-MD
	2	DMC	372	Mustard-LT
	2	DMC	402	Mahogany-VY LT
	2	DMC	413	Pewter Gray-DK
	2	DMC	414	Steel Gray-DK
	2	DMC	434	Brown-LT
	2	DMC	436	Tan
	2	DMC	469	Avocado Green
	2	DMC	471	Avocado Green-VY LT
	2	DMC	498	Christmas Red-DK
	2	DMC	517	Wedgewood-DK
	2	DMC	518	Wedgewood-LT
	2	DMC	520	Fern Green-DK
	2	DMC	524	Fern Green-VY LT
	2	DMC	550	Violet-VY DK
	2	DMC	553	Violet
	2	DMC	597	Turquoise
	2	DMC	640	Beige Gray-DK
	2	DMC	647	Beaver Gray-MD
	2	DMC	648	Beaver Gray-LT
	2	DMC	729	Old Gold-MD
	2	DMC	730	Olive Green-VY DK
	2	DMC	732	Olive Green
	2	DMC	762	Pearl Gray-VY LT
	2	DMC	775	Baby Blue-VY LT
	2	DMC	777	Raspberry-VY DK
	2	DMC	779	Cocoa-DK
	2	DMC	783	Topaz-MD
	2	DMC	793	Cornflower Blue-MD
	2	DMC	796	Royal Blue-DK

Symbol	Strands	Type	Number	Color
	2	DMC	797	Royal Blue
	2	DMC	798	Delft Blue-DK
	2	DMC	801	Coffee Brown-DK
	2	DMC	807	Peacock Blue
	2	DMC	814	Garnet-DK
	2	DMC	823	Navy Blue-DK
	2	DMC	824	Blue-VY DK
	2	DMC	825	Blue-DK
	2	DMC	832	Golden Olive
	2	DMC	833	Golden Olive-LT
	2	DMC	902	Antique Mauve-VY DK
	2	DMC	920	Copper-MD
	2	DMC	921	Copper
	2	DMC	922	Copper-LT
	2	DMC	924	Gray Green-VY DK
	2	DMC	930	Antique Blue-DK
	2	DMC	932	Antique Blue-LT
	2	DMC	934	Avocado Green-VY DK
	2	DMC	936	Avocado Green-DK MD
	2	DMC	938	Coffee Brown-UL DK
	2	DMC	939	Navy Blue-VY DK
	2	DMC	964	Sea Green-LT
	2	DMC	975	Golden Brown-DK
	2	DMC	992	Aquamarine-MD
	2	DMC	993	Aquamarine-LT
	2	DMC	995	Electric Blue-DK
	2	DMC	996	Electric Blue-MD
	2	DMC	3012	Khaki Green-MD
	2	DMC	3031	Mocha Brown-VY DK
	2	DMC	3042	Antique Violet-LT
	2	DMC	3047	Yellow Beige-LT
	2	DMC	3064	Desert Sand
	2	DMC	3072	Beaver Gray-VY LT
	2	DMC	3348	Yellow Green-LT
	2	DMC	3350	Dusty Rose-UL DK
	2	DMC	3363	Pine Green-MD
	2	DMC	3364	Pine Green
	2	DMC	3371	Black Brown
	2	DMC	3721	Shell Pink-DK
	2	DMC	3747	Blue Violet-VY LT
	2	DMC	3750	Antique Blue-VY DK
	2	DMC	3760	Wedgewood-MD
	2	DMC	3766	Peacock Blue-LT
	2	DMC	3770	Tawny-VY LT
	2	DMC	3772	Desert Sand-VY DK
	2	DMC	3776	Mahogany-LT
	2	DMC	3787	Beige Gray-VY DK
	2	DMC	3799	Pewter Gray-VY DK
	2	DMC	3807	Cornflower Blue
	2	DMC	3814	Aquamarine
	2	DMC	3816	Celadon Green-MD
	2	DMC	3822	Straw-LT
	2	DMC	3827	Golden Brown-Pale
	2	DMC	3836	Grape-LT
	2	DMC	3848	Teal Green-MD
	2	DMC	3854	Autumn Gold-MD
	2	DMC	3858	Rosewood-MD
	2	DMC	3860	Cocoa
	2	DMC	3861	Cocoa-LT

Symbol	Strands	Type	Number	Color
 	2	DMC	3862	Mocha Beige-DK
 	2	DMC	3863	Mocha Beige-MD
 	2	DMC	3864	Mocha Beige-LT
 1	2	DMC	3865	Winter White

Usage Summary

Strands Per Skein: 6

Skein Length: 795.0 cm

Type	Number	Full	Half	Quarter	Petite	Back(cm)	Str(cm)	Spec(cm)	French	Bead	Skein Est.
DMC 158	158	2416	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 160	160	2680	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 161	161	3157	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 169	169	3477	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 208	208	4319	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 209	209	1427	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 210	210	3433	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 225	225	1556	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 300	300	3101	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 301	301	6778	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 310	310	20438	0	0	0	0.0	0.0	0.0	0	0	7.000
DMC 311	311	1816	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 315	315	782	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 317	317	7814	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 327	327	1210	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 333	333	5070	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 340	340	3830	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 370	370	2818	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 372	372	2557	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 402	402	392	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 413	413	5865	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 414	414	4850	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 434	434	7028	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 436	436	1935	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 469	469	5633	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 471	471	4861	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 498	498	3151	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 517	517	1881	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 518	518	2199	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 520	520	2292	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 524	524	2061	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 550	550	3587	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 553	553	220	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 597	597	567	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 640	640	2741	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 647	647	2233	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 648	648	5548	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 729	729	1920	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 730	730	2592	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 732	732	4100	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 762	762	1646	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 775	775	1480	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 777	777	2561	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 779	779	14515	0	0	0	0.0	0.0	0.0	0	0	5.000
DMC 783	783	1254	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 793	793	1723	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 796	796	5627	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 797	797	1434	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 798	798	4228	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 801	801	12608	0	0	0	0.0	0.0	0.0	0	0	4.000
DMC 807	807	1832	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 814	814	8160	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 823	823	7292	0	0	0	0.0	0.0	0.0	0	0	3.000

Type	Number	Full	Half	Quarter	Petite	Back(cm)	Str(cm)	Spec(cm)	French	Bead	Skein Est.
DMC 824	2660	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 825	1545	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 832	5519	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 833	2960	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 902	20339	0	0	0	0	0.0	0.0	0.0	0	0	7.000
DMC 920	1056	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 921	1382	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 922	597	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 924	2435	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 930	3193	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 932	4979	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 934	12877	0	0	0	0	0.0	0.0	0.0	0	0	5.000
DMC 936	5011	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 938	33318	0	0	0	0	0.0	0.0	0.0	0	0	11.000
DMC 939	6413	0	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 964	4665	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 975	8642	0	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 992	379	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 993	98	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 995	2705	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 996	3346	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3012	3608	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3031	17960	0	0	0	0	0.0	0.0	0.0	0	0	6.000
DMC 3042	1569	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3047	4947	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3064	6290	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3072	3719	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3348	3175	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3350	462	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3363	4480	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3364	2500	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3371	29655	0	0	0	0	0.0	0.0	0.0	0	0	10.000
DMC 3721	2040	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3747	2097	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3750	3262	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3760	2845	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3766	5999	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3770	5216	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3772	18879	0	0	0	0	0.0	0.0	0.0	0	0	6.000
DMC 3776	2694	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3787	5194	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3799	9211	0	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 3807	878	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3814	591	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3816	1567	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3822	1897	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3827	1202	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3836	91	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3848	1220	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3854	915	0	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3858	5617	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3860	4073	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3861	4299	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3862	10877	0	0	0	0	0.0	0.0	0.0	0	0	4.000
DMC 3863	10905	0	0	0	0	0.0	0.0	0.0	0	0	4.000
DMC 3864	4304	0	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3865	4848	0	0	0	0	0.0	0.0	0.0	0	0	2.000