

Pattern Name: Research Project
Designed By: N. Northup
Company: Charting Creations
Copyright: Theresa Mather 2016
Fabric: Evenweave 25, White
 500w X 361h Stitches
Size(s): 25 Count, 50.80w X 36.68h cm
 18 Count, 70.56w X 50.94h cm
 14 Count, 90.71w X 65.50h 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	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	301	Mahogany-MD
	2	DMC	310	Black
	2	DMC	315	Antique Mauve-VY DK
	2	DMC	317	Pewter Gray
	2	DMC	327	Lavender-VY DK
	2	DMC	340	Blue Violet-MD
	2	DMC	370	Mustard-MD
	2	DMC	372	Mustard-LT
	2	DMC	413	Pewter 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	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	640	Beige Gray-DK
	2	DMC	647	Beaver Gray-MD
	2	DMC	648	Beaver Gray-LT
	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	792	Cornflower Blue-DK
	2	DMC	796	Royal Blue-DK
	2	DMC	798	Delft Blue-DK
	2	DMC	801	Coffee Brown-DK
	2	DMC	814	Garnet-DK
	2	DMC	815	Garnet-MD
	2	DMC	823	Navy Blue-DK
	2	DMC	824	Blue-VY DK
	2	DMC	832	Golden Olive
	2	DMC	833	Golden Olive-LT
	2	DMC	902	Antique Mauve-VY DK
	2	DMC	913	Nile Green-MD

Symbol	Strands	Type	Number	Color
	+	2	DMC 920	Copper-MD
	∞	2	DMC 921	Copper
	◇	2	DMC 927	Gray Green-LT
	➔	2	DMC 930	Antique Blue-DK
	△	2	DMC 931	Antique Blue-MD
	m	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
	III	2	DMC 964	Sea Green-LT
	⌈	2	DMC 975	Golden Brown-DK
	■	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
	中	2	DMC 3047	Yellow Beige-LT
	=	2	DMC 3072	Beaver Gray-VY LT
	^	2	DMC 3348	Yellow Green-LT
	2	2	DMC 3350	Dusty Rose-UL DK
	≡	2	DMC 3363	Pine Green-MD
	∴	2	DMC 3364	Pine Green
	●	2	DMC 3721	Shell Pink-DK
	×	2	DMC 3747	Blue Violet-VY LT
	u	2	DMC 3750	Antique Blue-VY DK
	☆	2	DMC 3760	Wedgewood-MD
	∞	2	DMC 3766	Peacock Blue-LT
	7	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 3814	Aquamarine
	#	2	DMC 3822	Straw-LT
	~	2	DMC 3836	Grape-LT
	✱	2	DMC 3858	Rosewood-MD
	★	2	DMC 3860	Cocoa
	☞	2	DMC 3861	Cocoa-LT
	□	2	DMC 3862	Mocha Beige-DK
	«	2	DMC 3863	Mocha Beige-MD
	5	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	927	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 160	160	1335	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 169	169	1959	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 208	208	2408	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 209	209	533	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 210	210	1097	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 225	225	543	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 301	301	2361	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 310	310	13837	0	0	0	0.0	0.0	0.0	0	0	5.000
DMC 315	315	286	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 317	317	3144	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 327	327	549	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 340	340	1446	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 370	370	983	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 372	372	1226	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 413	413	2209	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 434	434	2229	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 436	436	2507	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 469	469	1936	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 471	471	1690	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 517	517	1017	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 518	518	1784	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 520	520	843	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 524	524	716	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 550	550	1279	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 640	640	1152	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 647	647	822	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 648	648	1500	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 730	730	816	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 732	732	1326	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 762	762	596	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 775	775	373	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 777	777	740	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 779	779	5225	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 783	783	577	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 792	792	1230	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 796	796	2217	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 798	798	1705	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 801	801	4961	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 814	814	2267	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 815	815	1970	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 823	823	2861	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 824	824	1357	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 832	832	1850	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 833	833	1176	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 902	902	7190	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 913	913	42	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 920	920	415	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 921	921	500	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 927	927	1473	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 930	930	1771	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 931	931	2127	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 932	932	1320	0	0	0	0.0	0.0	0.0	0	0	1.000

Type	Number	Full	Half	Quarter	Petite	Back(cm)	Str(cm)	Spec(cm)	French	Bead	Skein Est.
DMC 934	934	6668	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 936	936	1677	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 938	938	13453	0	0	0	0.0	0.0	0.0	0	0	5.000
DMC 964	964	1392	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 975	975	3019	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 995	995	911	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 996	996	1154	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3012	3012	1305	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3031	3031	6204	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3047	3047	1730	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3072	3072	1266	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3348	3348	1137	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3350	3350	162	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3363	3363	1851	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3364	3364	960	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3721	3721	690	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3747	3747	695	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3750	3750	1398	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3760	3760	1035	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3766	3766	2024	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3770	3770	1668	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3772	3772	6777	0	0	0	0.0	0.0	0.0	0	0	3.000
DMC 3776	3776	1143	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3787	3787	1894	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3799	3799	3473	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3814	3814	488	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3822	3822	1081	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3836	3836	103	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3858	3858	2197	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3860	3860	1607	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3861	3861	1956	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3862	3862	3794	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3863	3863	4142	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 3864	3864	1776	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 3865	3865	1267	0	0	0	0.0	0.0	0.0	0	0	1.000