

Heaven and Earth Designs

The Astronomer

Chart No: HAEMYP 101

Chart Design by Michele Sayetta

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Finished Design Size 525 W by 350 H (21 W X 14 H inches on 25ct)
(This Chart Contains 120 colors)

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Instructions

The model for The Astronomer is recommended to be stitched over 1 on 25 count fabric but you may use any count that you are comfortable with. Please use 1 strand of floss or 2 depending on your coverage preference. Charts are recommended to be stitched from page 1 top left to the last page bottom right.

If the chart contains Kreinik 032 #4 (very fine braid) we recommend that you experiment with a couple of options. Start with 1 strand of Kreinik 032 Blending Filament with one strand of white as well as trying the Very Fine Braid to determine the look that you like most.

You may also use the tent stitch or full crosses depending on your preference.

We thank you for purchasing this design and welcome any questions or comments that you may have.

































Heaven and Earth Designs LLC

































































































































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Pattern Name: The Astronomer-Pinkney
Designed By: Michele Sayetta
Company: Heaven and Earth Designs LLC
Copyright: 2009
Fabric: Linen 25, White
 525w X 350h Stitches
Size: 25 Count, 21w X 14h in

Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
	—	2	DMC 154	Grape-VYDK
	⌂	2	DMC 160	Gray Blue-MD
	⋄	2	DMC 161	Gray Blue
	//	2	DMC 165	Moss Green-VYLT
	⌘	2	DMC 169	Pewter-LT
	X	2	DMC 300	Mahogany-VYDK
	⋈	2	DMC 310	Black
	4	2	DMC 311	Navy Blue-MD
	2	2	DMC 312	Baby Blue-VYDK
	*	2	DMC 315	Antique Mauve-VYDK
	⋈	2	DMC 317	Pewter Gray
	⋈	2	DMC 318	Steel Gray-LT
	H	2	DMC 320	Pistachio Green-MD
	2	2	DMC 367	Pistachio Green-DK
	Y	2	DMC 372	Mustard-LT
	♡	2	DMC 400	Mahogany-DK
	★	2	DMC 434	Brown-LT
	⌘	2	DMC 435	Brown-VYLT
	❖	2	DMC 436	Tan
	❖	2	DMC 469	Avocado Green
	●	2	DMC 471	Avocado Green-VYLT
	#	2	DMC 498	Christmas Red-DK
	⌘	2	DMC 500	Blue Green-VYDK
	√	2	DMC 501	Blue Green-DK
	■	2	DMC 520	Fern Green-DK
	❖	2	DMC 524	Fern Green-VYLT
	⋈	2	DMC 561	Jade-VYDK
	⋈	2	DMC 562	Jade-MD
	⌘	2	DMC 597	Turquoise
	↓	2	DMC 612	Drab Brown-LT
	⌘	2	DMC 640	Beige Gray-VYDK
	□	2	DMC 644	Beige Gray-MD

Symbol	Strands	Type	Number	Color
 	2	DMC	647	Beaver Gray-MD
 	2	DMC	666	Christmas Red-BRT
 	2	DMC	677	Old Gold-VY LT
 	2	DMC	701	Christmas Green-LT
 	2	DMC	720	Orange Spice-DK
 	2	DMC	721	Orange Spice-MD
 	2	DMC	722	Orange Spice-LT
 	2	DMC	725	Topaz
 	2	DMC	726	Topaz-LT
 	2	DMC	728	Topaz
 	2	DMC	729	Old Gold-MD
 	2	DMC	730	Olive Green-VY DK
 	2	DMC	738	Tan-VY LT
 	2	DMC	741	Tangerine-MD
 	2	DMC	744	Yellow-Pale
 	2	DMC	745	Yellow-LT Pale
 	2	DMC	772	Yellow Green-VY LT
 	2	DMC	777	Raspberry-VY DK
 	2	DMC	779	Cocoa-DK
 	2	DMC	780	Topaz-UL VY DK
 	2	DMC	781	Topaz-VY DK
 	2	DMC	783	Topaz-MD
 	2	DMC	793	Cornflower Blue-MD
 	2	DMC	794	Cornflower Blue-LT
 	2	DMC	799	Delft Blue-MD
 	2	DMC	801	Coffee Brown-DK
 	2	DMC	803	Baby Blue-UL VY DK
 	2	DMC	806	Peacock Blue-DK
 	2	DMC	814	Garnet-DK
 	2	DMC	815	Garnet-MD
 	2	DMC	817	Coral Red-VY DK
 	2	DMC	820	Royal Blue-VY DK
 	2	DMC	822	Beige Gray-LT
 	2	DMC	823	Navy Blue-DK
 	2	DMC	829	Golden Olive-VY DK
 	2	DMC	833	Golden Olive-LT
 	2	DMC	913	Nile Green-MD
 	2	DMC	918	Red Copper-DK
 	2	DMC	919	Red Copper
 	2	DMC	921	Copper
 	2	DMC	927	Gray Green-LT
 	2	DMC	930	Antique Blue-DK

Symbol	Strands	Type	Number	Color
	9	2	DMC 931	Antique Blue-MD
	8	2	DMC 932	Antique Blue-LT
	⊙	2	DMC 936	Avocado Green-VY DK
	⊕	2	DMC 938	Coffee Brown-UL DK
	6	2	DMC 939	Navy Blue-VY DK
	u	2	DMC 945	Tawny
	⊕	2	DMC 966	Baby Green-MD
	n	2	DMC 970	Pumpkin-LT
	m	2	DMC 971	Pumpkin
	ρ	2	DMC 976	Golden Brown-MD
	@	2	DMC 988	Forest Green-MD
	>	2	DMC 992	Aquamarine-MD
	⊗	2	DMC 3012	Khaki Green-MD
	φ	2	DMC 3031	Mocha Brown-VY DK
	«	2	DMC 3041	Antique Violet-MD
	←	2	DMC 3046	Yellow Beige-MD
	▲	2	DMC 3078	Golden Yellow-VY LT
	III	2	DMC 3346	Hunter Green
	L	2	DMC 3348	Yellow Green-LT
	■	2	DMC 3350	Dusty Rose-UL DK
	?	2	DMC 3363	Pine Green-MD
	T	2	DMC 3364	Pine Green
	©	2	DMC 3371	Black Brown
)	2	DMC 3721	Shell Pink-DK
	(2	DMC 3722	Shell Pink-MD
	·1·	2	DMC 3750	Antique Blue-VY DK
	7	2	DMC 3752	Antique Blue-VY LT
	v	2	DMC 3776	Mahogany-LT
	≈	2	DMC 3787	Brown Gray-DK
	✦	2	DMC 3799	Pewter Gray-VY DK
	⌘	2	DMC 3815	Celadon Green-DK
	⌘	2	DMC 3816	Celadon Green-MD
	▼	2	DMC 3821	Straw
	e	2	DMC 3822	Straw-LT
	::	2	DMC 3826	Golden Brown
	☾	2	DMC 3827	Golden Brown-Pale
	☐	2	DMC 3829	Old Gold-VY DK
	~	2	DMC 3830	Terra Cotta-MD
	↑	2	DMC 3834	Grape-DK
	Z	2	DMC 3854	Autumn Gold-MD
	⊕	2	DMC 3855	Autumn Gold-LT
	☆	2	DMC 3858	Rosewood-MD











































	Symbol	Strands	Type	Number	Color
	♠	2	DMC	3860	Cocoa
	♠	2	DMC	3861	Cocoa-LT
	♠	2	DMC	3862	Mocha Beige-DK
	✓	2	DMC	3864	Mocha Beige-LT











































Usage Summary

Strands Per Skein: 6

Skein Length: 313.0 in

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
DMC 154	154	1684	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 160	160	162	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 161	161	448	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 165	165	60	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 169	169	674	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 300	300	3752	0	0	0	0.0	0.0	0.0	0	0	2.000
DMC 310	310	54366	0	0	0	0.0	0.0	0.0	0	0	15.000
DMC 311	311	509	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 312	312	630	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 315	315	88	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 317	317	1431	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 318	318	218	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 320	320	327	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 367	367	212	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 372	372	564	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 400	400	1415	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 434	434	1577	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 435	435	1210	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 436	436	1329	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 469	469	103	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 471	471	34	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 498	498	584	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 500	500	1246	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 501	501	578	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 520	520	549	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 524	524	337	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 561	561	170	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 562	562	210	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 597	597	39	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 612	612	1166	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 640	640	1242	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 644	644	323	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 647	647	508	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 666	666	76	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 677	677	542	0	0	0	0.0	0.0	0.0	0	0	1.000
DMC 701	701	23	0	0	0	0.0	0.0	0.0	0	0	1.000

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 720	553	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 721	319	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 722	241	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 725	155	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 726	30	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 728	269	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 729	956	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 730	823	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 738	854	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 741	201	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 744	448	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 745	1086	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 772	68	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 777	38	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 779	2669	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 780	924	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 781	765	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 783	733	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 793	71	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 794	130	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 799	12	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 801	2378	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 803	207	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 806	288	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 814	4397	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 815	1504	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 817	677	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 820	174	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 822	175	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 823	3307	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 829	1718	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 833	612	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 913	76	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 918	483	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 919	1185	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 921	346	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 927	305	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 930	1564	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 931	722	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 932	206	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 936	622	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 938	9630	0	0	0	0.0	0.0	0.0	0	0	3.000	

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 939	16902	0	0	0	0.0	0.0	0.0	0	0	5.000	
 DMC 945	328	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 966	100	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 970	207	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 971	66	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 976	627	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 988	37	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 992	76	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3012	1198	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3031	3228	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3041	312	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3046	813	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3078	811	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3346	92	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3348	109	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3350	1	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3363	413	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3364	271	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3371	18231	0	0	0	0.0	0.0	0.0	0	0	5.000	
 DMC 3721	114	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3722	95	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3750	1599	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3752	199	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3776	395	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3787	2433	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3799	2542	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3815	484	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3816	402	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3821	208	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3822	530	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3826	491	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3827	1614	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3829	943	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3830	287	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3834	199	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3854	770	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3855	2039	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3858	246	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3860	914	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3861	398	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3862	2187	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3864	532	0	0	0	0.0	0.0	0.0	0	0	1.000	

	10	20	30	40	50	60	70	80
10	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
20	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
30	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
40	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
50	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
60	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
70	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
80	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
90	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ

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	160	170	180	190	200	210	220	230
100	X	X	X	X	X	X	X	X
110	X	X	X	X	X	X	X	X
120	X	X	X	X	X	X	X	X
130	X	X	X	X	X	X	X	X
140	X	X	X	X	X	X	X	X
150	X	X	X	X	X	X	X	X
160	X	X	X	X	X	X	X	X
170	X	X	X	X	X	X	X	X
180	X	X	X	X	X	X	X	X
190	X	X	X	X	X	X	X	X

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190						

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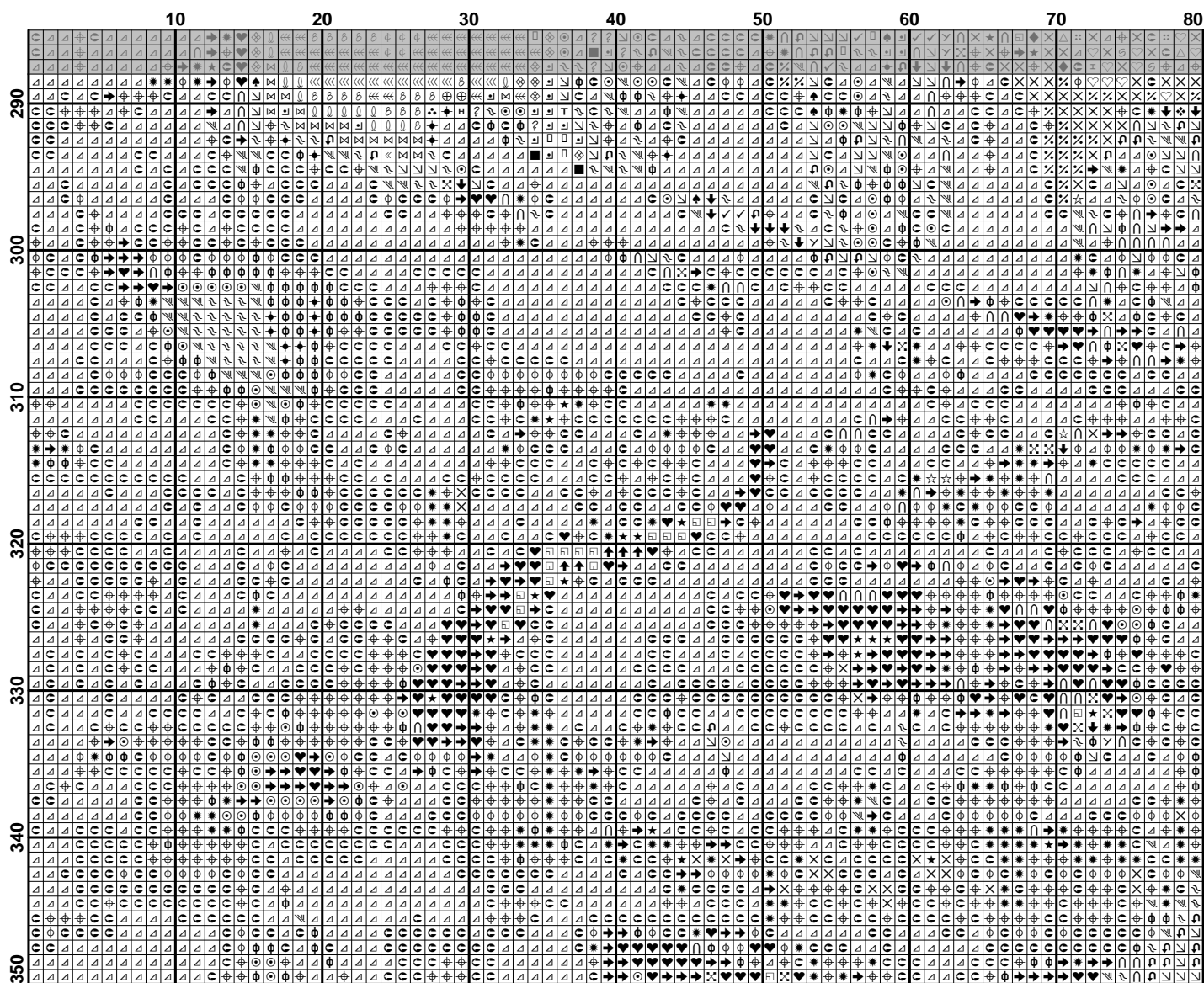
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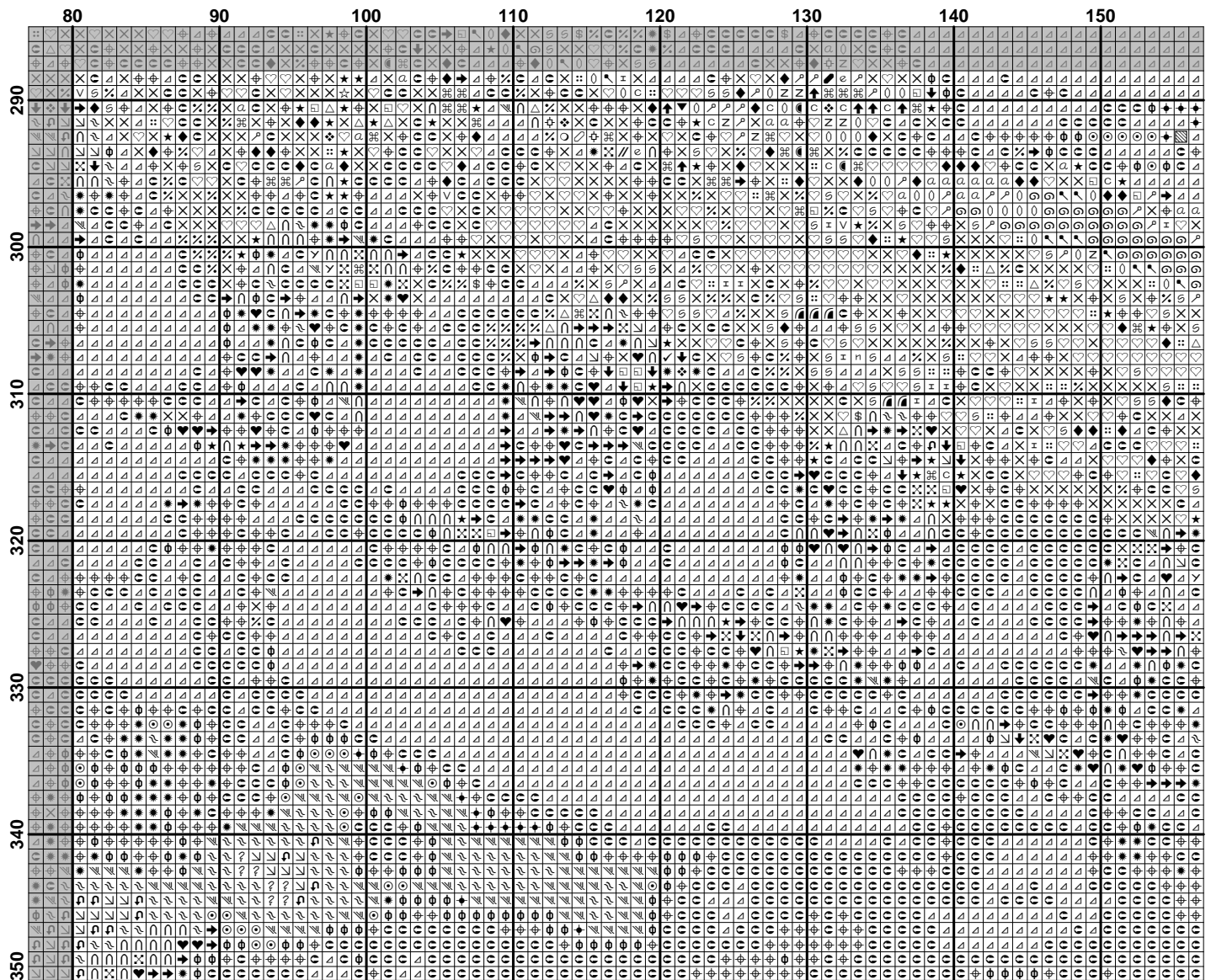
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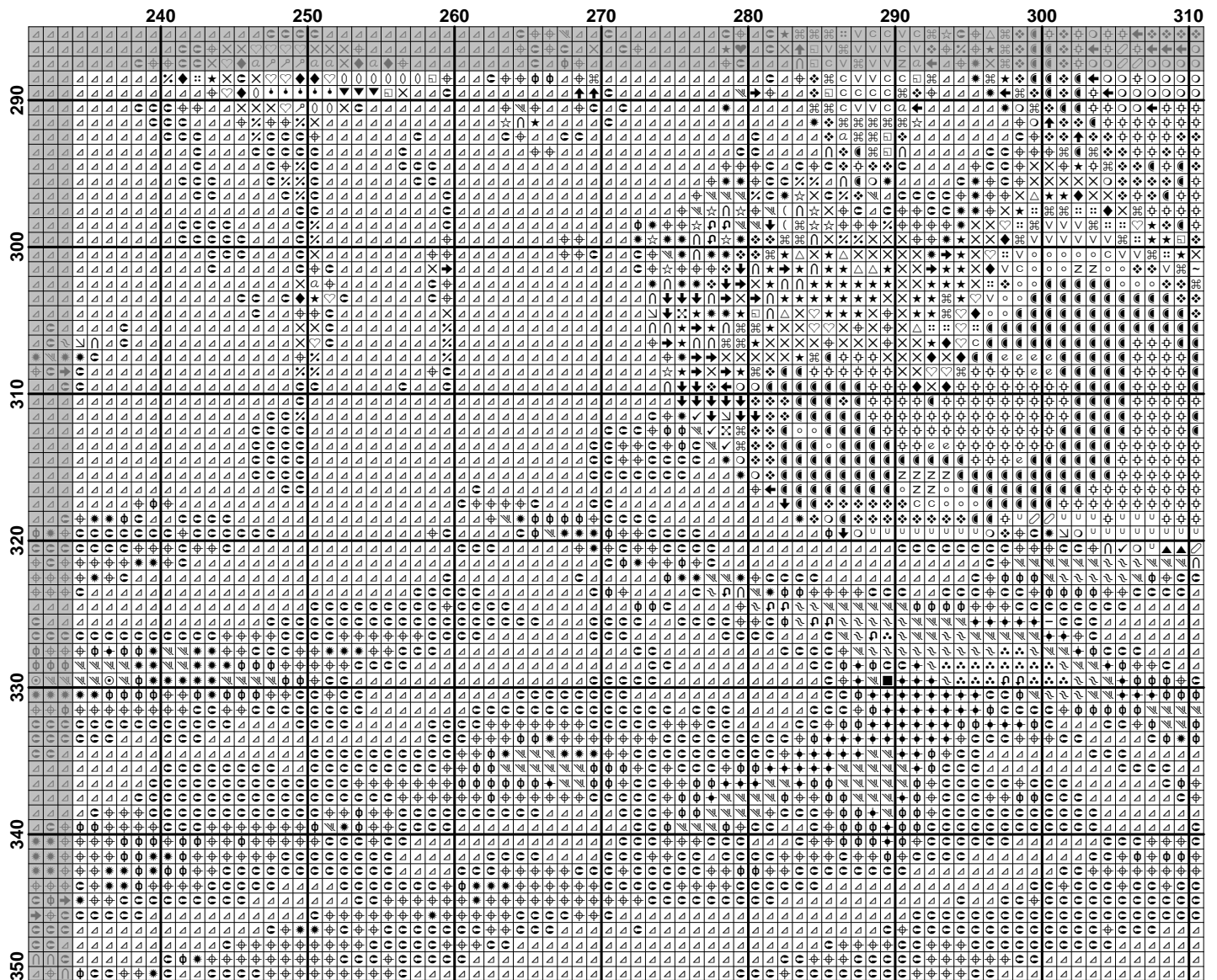
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190
200
210
220
230
240
250
260
270
280





	160	170	180	190	200	210	220	230
290	+	+	+	+	+	+	+	+
300	+	+	+	+	+	+	+	+
310	+	+	+	+	+	+	+	+
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