

# Heaven and Earth Designs

## The Spell Keeper

Chart No: HAELIP 1911

Chart Design By Michele Sayetta

Artwork by Lisa Parker



Finished Design Size 525 W by 612 H (21 W X 24-3/8 H inches on 25ct fabric)  
(This Chart Contains 88 Colors)

Heaven and Earth Designs LLC ®

33555 Wild Daffodil Lane

Warrenton Oregon 97146

320-214-7998

[www.heavenandearthdesigns.com](http://www.heavenandearthdesigns.com)

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Congratulations on buying a **Heaven and Earth Designs LLC** Cross Stitch Chart .

We know it will bring you many hours of pleasurable stitching and believe the final result will be something to love and admire forever.

Included with your chart is a clear plastic bag to protect your chart, and a coded thread list for the threads you will need to complete your project. Our charts are designed to use DMC stranded cotton threads and, where appropriate, Kreinik metallic thread.

#### **Chart Instructions:**

1. This chart is made up of several numbered pages beginning at the top left corner of the first page. The pages of chart are laid out from left to right in rows e.g. 1 2 3 4, 5 6 7 8. Although each chart is marked with arrows which indicate the centre , we believe you will find it easier to begin from the top left corner of page 1 and follow the chart page by page to the bottom right corner of the last page.
2. We recommend you stitch your design on either 18 count Aida or 25 count Linen. using 2 strands of cotton over one in each case.
3. At the top of the thread list you will find our recommendation for the fabric colour. We recommend purchasing a piece of fabric that equates to the design size plus 3 inches [75mm] all around, to allow for framing and matting.
4. Because of the large number of stitches, we have found it to be easier if you stitch one 10X10 grid at a time and then continue on to the next 10 x 10 grid.
5. Stitch each page until it is completed and then move on to the next. On each page there is a number at the top left that indicates the page number. On each corner is a number in parenthesis that indicates the connecting page, unless there is not one.
6. Under International Copyright Laws, you may copy the chart for your own use. We recommend that you use a copy as your working document. You may also wish to enlarge the pages to make the symbols easier to read.

**If you have any questions regarding this chart please feel free to contact us.**

































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320-214-7998





























<http://www.heavenandearthdesigns.com>

**Pattern Name:** The Spell Keeper-Parker  
**Designed By:** Michele Sayetta  
**Company:** Heaven and Earth Designs LLC  
**Copyright:** 2013 Lisa Parker Designs ®  
**Fabric:** Linen 25, White  
 525w X 612h Stitches  
**Size:** 25 Count, 21w X 24-3/8h in

### Floss Used for Full Stitches:

Symbol	Strands	Type	Number	Color
	2	DMC	1	White
	2	DMC	156	Blue Violet-MD LT
	2	DMC	158	Cornflower Blue-MD VY DK
	2	DMC	159	Gray Blue-LT
	2	DMC	160	Gray Blue-MD
	2	DMC	161	Gray Blue
	2	DMC	162	Blue-UL VY LT
	2	DMC	167	Yellow Beige-VY DK
	2	DMC	225	Shell Pink-UL VY LT
	2	DMC	310	Black
	2	DMC	311	Navy Blue-MD
	2	DMC	312	Baby Blue-VY DK
	2	DMC	317	Pewter Gray
	2	DMC	318	Steel Gray-LT
	2	DMC	322	Baby Blue-DK
	2	DMC	334	Baby Blue-MD
	2	DMC	336	Navy Blue
	2	DMC	356	Terra Cotta-MD
	2	DMC	402	Mahogany-VY LT
	2	DMC	413	Pewter Gray-DK
	2	DMC	414	Steel Gray-DK
	2	DMC	422	Hazelnut Brown-LT
	2	DMC	435	Brown-VY LT
	2	DMC	436	Tan
	2	DMC	451	Shell Gray-DK
	2	DMC	452	Shell Gray-MD
	2	DMC	518	Wedgewood-LT
	2	DMC	519	Sky Blue
	2	DMC	535	Ash Gray-VY LT
	2	DMC	613	Drab Brown-VY LT
	2	DMC	632	Desert Sand-UL VY DK
	2	DMC	645	Beaver Gray-VY DK





































Symbol	Strands	Type	Number	Color
	2	DMC	647	Beaver Gray-MD
	2	DMC	648	Beaver Gray-LT
	2	DMC	738	Tan-VYLT
	2	DMC	739	Tan-ULVYLT
	2	DMC	745	Yellow-LT Pale
	2	DMC	762	Pearl Gray-VYLT
	2	DMC	775	Baby Blue-VYLT
	2	DMC	779	Cocoa-DK
	2	DMC	792	Cornflower Blue-DK
	2	DMC	793	Cornflower Blue-MD
	2	DMC	799	Delft Blue-MD
	2	DMC	801	Coffee Brown-DK
	2	DMC	813	Blue-LT
	2	DMC	823	Navy Blue-DK
	2	DMC	826	Blue-MD
	2	DMC	827	Blue-VYLT
	2	DMC	839	Beige Brown-DK
	2	DMC	840	Beige Brown-MD
	2	DMC	841	Beige Brown-LT
	2	DMC	842	Beige Brown-VYLT
	2	DMC	844	Beaver Brown-ULDK
	2	DMC	902	Garnet-VYDK
	2	DMC	924	Gray Green-VYDK
	2	DMC	930	Antique Blue-DK
	2	DMC	931	Antique Blue-MD
	2	DMC	932	Antique Blue-LT
	2	DMC	934	Black Avocado Green
	2	DMC	977	Golden Brown-LT
	2	DMC	3024	Brown Gray-VYLT
	2	DMC	3031	Mocha Brown-VYDK
	2	DMC	3064	Desert Sand
	2	DMC	3078	Golden Yellow-VYLT
	2	DMC	3371	Black Brown
	2	DMC	3721	Shell Pink-DK
	2	DMC	3740	Antique Violet-DK
	2	DMC	3743	Antique Violet-VYLT
	2	DMC	3747	Blue Violet-VYLT
	2	DMC	3752	Antique Blue-VYLT
	2	DMC	3770	Tawny-VYLT
	2	DMC	3771	Terra Cotta-ULVYLT
	2	DMC	3772	Desert Sand-VYDK
	2	DMC	3773	Desert Sand-MD











































Symbol	Strands	Type	Number	Color
 	2	DMC	3776	Mahogany-LT
 	2	DMC	3779	Terra Cotta-UL VY LT
 	2	DMC	3787	Brown Gray-DK
 	2	DMC	3799	Pewter Gray-VY DK
 	2	DMC	3807	Cornflower Blue
 	2	DMC	3825	Pumpkin-Pale
 	2	DMC	3826	Golden Brown
 	2	DMC	3827	Golden Brown-Pale
 	2	DMC	3854	Autumn Gold-MD
 	2	DMC	3856	Mahogany-UL VY LT
 	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 1	7035	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 156	180	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 158	2850	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 159	287	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 160	918	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 161	6090	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 162	655	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 167	321	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 225	2758	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 310	20834	0	0	0	0.0	0.0	0.0	0	0	6.000	
 DMC 311	921	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 312	1152	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 317	6495	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 318	855	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 322	596	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 334	492	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 336	5276	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 356	470	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 402	613	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 413	6440	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 414	4766	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 422	493	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 435	395	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 436	960	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 451	19655	0	0	0	0.0	0.0	0.0	0	0	6.000	
 DMC 452	4249	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 518	62	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 519	4204	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 535	6537	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 613	4952	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 632	1192	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 645	5293	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 647	6014	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 648	656	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 738	4726	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 739	7301	0	0	0	0.0	0.0	0.0	0	0	2.000	

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC 745	2695	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 762	475	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 775	829	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 779	8971	0	0	0	0.0	0.0	0.0	0	0	3.000	
 DMC 792	1418	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 793	644	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 799	417	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 801	283	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 813	1022	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 823	11378	0	0	0	0.0	0.0	0.0	0	0	4.000	
 DMC 826	162	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 827	1483	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 839	758	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 840	3016	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 841	10131	0	0	0	0.0	0.0	0.0	0	0	3.000	
 DMC 842	6014	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 844	6345	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 902	857	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 924	127	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 930	3796	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 931	1329	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 932	266	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 934	2221	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 977	189	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3024	749	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3031	5082	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3064	2063	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3078	5275	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3371	8319	0	0	0	0.0	0.0	0.0	0	0	3.000	
 DMC 3721	92	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3740	13771	0	0	0	0.0	0.0	0.0	0	0	4.000	
 DMC 3743	403	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3747	136	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3752	303	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3770	6930	0	0	0	0.0	0.0	0.0	0	0	2.000	
 DMC 3771	609	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3772	2226	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3773	2074	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3776	255	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3779	2843	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3787	3426	0	0	0	0.0	0.0	0.0	0	0	1.000	
 DMC 3799	17878	0	0	0	0.0	0.0	0.0	0	0	5.000	

Type	Number	Full	Half	Quarter	Petite	Back(in)	Str(in)	Spec(in)	French	Bead	Skein Est.
 DMC	3807	1469	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3825	757	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3826	68	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3827	514	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3854	89	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3856	1775	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3860	15127	0	0	0	0.0	0.0	0.0	0	0	5.000
 DMC	3861	9691	0	0	0	0.0	0.0	0.0	0	0	3.000
 DMC	3862	1362	0	0	0	0.0	0.0	0.0	0	0	1.000
 DMC	3864	16495	0	0	0	0.0	0.0	0.0	0	0	5.000



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	240	250	260	270	280	290	300	310
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	390	400	410	420	430	440	450	460
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190	240	250	260	270	280	290	300	310
190	...	...	...	...	...	...	...	...
200	...	...	...	...	...	...	...	...
210	...	...	...	...	...	...	...	...
220	...	...	...	...	...	...	...	...
230	...	...	...	...	...	...	...	...
240	...	...	...	...	...	...	...	...
250	...	...	...	...	...	...	...	...
260	...	...	...	...	...	...	...	...
270	...	...	...	...	...	...	...	...
280	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
190								
200								
210								
220								
230								
240								
250								
260								
270								
280								

190	390	400	410	420	430	440	450	460
190	...	...	...	...	...	...	...	...
200	...	...	...	...	...	...	...	...
210	...	...	...	...	...	...	...	...
220	...	...	...	...	...	...	...	...
230	...	...	...	...	...	...	...	...
240	...	...	...	...	...	...	...	...
250	...	...	...	...	...	...	...	...
260	...	...	...	...	...	...	...	...
270	...	...	...	...	...	...	...	...
280	...	...	...	...	...	...	...	...

	470	480	490	500	510	520
190	⬆	⬆	⬆	⬆	⬆	⬆
200	⬆	⬆	⬆	⬆	⬆	⬆
210	⬆	⬆	⬆	⬆	⬆	⬆
220	⬆	⬆	⬆	⬆	⬆	⬆
230	⬆	⬆	⬆	⬆	⬆	⬆
240	⬆	⬆	⬆	⬆	⬆	⬆
250	⬆	⬆	⬆	⬆	⬆	⬆
260	⬆	⬆	⬆	⬆	⬆	⬆
270	⬆	⬆	⬆	⬆	⬆	⬆
280	⬆	⬆	⬆	⬆	⬆	⬆

	10	20	30	40	50	60	70	80
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	80	90	100	110	120	130	140	150
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	160	170	180	190	200	210	220	230
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...



	240	250	260	270	280	290	300	310
290	...	...	...	...	...	...	...	...
300	...	...	...	...	...	...	...	...
310	...	...	...	...	...	...	...	...
320	...	...	...	...	...	...	...	...
330	...	...	...	...	...	...	...	...
340	...	...	...	...	...	...	...	...
350	...	...	...	...	...	...	...	...
360	...	...	...	...	...	...	...	...
370	...	...	...	...	...	...	...	...
380	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
290								
300								
310								
320								
330								
340								
350								
360								
370								
380								

	390	400	410	420	430	440	450	460
290	Y	Y	Y	Y	Y	Y	Y	Y
300	Y	Y	Y	Y	Y	Y	Y	Y
310	Y	Y	Y	Y	Y	Y	Y	Y
320	Y	Y	Y	Y	Y	Y	Y	Y
330	Y	Y	Y	Y	Y	Y	Y	Y
340	Y	Y	Y	Y	Y	Y	Y	Y
350	Y	Y	Y	Y	Y	Y	Y	Y
360	Y	Y	Y	Y	Y	Y	Y	Y
370	Y	Y	Y	Y	Y	Y	Y	Y
380	Y	Y	Y	Y	Y	Y	Y	Y

	470	480	490	500	510	520
290	▼	▼	▼	▼	▼	▼
300	▼	▼	▼	▼	▼	▼
310	▼	▼	▼	▼	▼	▼
320	▼	▼	▼	▼	▼	▼
330	▼	▼	▼	▼	▼	▼
340	▼	▼	▼	▼	▼	▼
350	▼	▼	▼	▼	▼	▼
360	▼	▼	▼	▼	▼	▼
370	▼	▼	▼	▼	▼	▼
380	▼	▼	▼	▼	▼	▼

	10	20	30	40	50	60	70	80
380	...	...	...	...	...	...	...	...
390	...	...	...	...	...	...	...	...
400	...	...	...	...	...	...	...	...
410	...	...	...	...	...	...	...	...
420	...	...	...	...	...	...	...	...
430	...	...	...	...	...	...	...	...
440	...	...	...	...	...	...	...	...
450	...	...	...	...	...	...	...	...
460	...	...	...	...	...	...	...	...
470	...	...	...	...	...	...	...	...

	80	90	100	110	120	130	140	150
380	...	...	...	...	...	...	...	...
390	...	...	...	...	...	...	...	...
400	...	...	...	...	...	...	...	...
410	...	...	...	...	...	...	...	...
420	...	...	...	...	...	...	...	...
430	...	...	...	...	...	...	...	...
440	...	...	...	...	...	...	...	...
450	...	...	...	...	...	...	...	...
460	...	...	...	...	...	...	...	...
470	...	...	...	...	...	...	...	...

	160	170	180	190	200	210	220	230
380	6	6	6	6	6	6	6	6
390	6	6	6	6	6	6	6	6
400	6	6	6	6	6	6	6	6
410	6	6	6	6	6	6	6	6
420	6	6	6	6	6	6	6	6
430	6	6	6	6	6	6	6	6
440	6	6	6	6	6	6	6	6
450	6	6	6	6	6	6	6	6
460	6	6	6	6	6	6	6	6
470	6	6	6	6	6	6	6	6

	240	250	260	270	280	290	300	310
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								



	310	320	330	340	350	360	370	380
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								

	390	400	410	420	430	440	450	460
380								
390								
400								
410								
420								
430								
440								
450								
460								
470								

	470	480	490	500	510	520
380	...	...	...	...	...	...
390	...	...	...	...	...	...
400	...	...	...	...	...	...
410	...	...	...	...	...	...
420	...	...	...	...	...	...
430	...	...	...	...	...	...
440	...	...	...	...	...	...
450	...	...	...	...	...	...
460	...	...	...	...	...	...
470	...	...	...	...	...	...

	10	20	30	40	50	60	70	80
480	...	...	...	...	...	...	...	...
490	...	...	...	...	...	...	...	...
500	...	...	...	...	...	...	...	...
510	...	...	...	...	...	...	...	...
520	...	...	...	...	...	...	...	...
530	...	...	...	...	...	...	...	...
540	...	...	...	...	...	...	...	...
550	...	...	...	...	...	...	...	...
560	...	...	...	...	...	...	...	...
570	...	...	...	...	...	...	...	...

	80	90	100	110	120	130	140	150
480	Q	Q	Q	Q	Q	Q	Q	Q
490	Q	Q	Q	Q	Q	Q	Q	Q
500	Q	Q	Q	Q	Q	Q	Q	Q
510	Q	Q	Q	Q	Q	Q	Q	Q
520	Q	Q	Q	Q	Q	Q	Q	Q
530	Q	Q	Q	Q	Q	Q	Q	Q
540	Q	Q	Q	Q	Q	Q	Q	Q
550	Q	Q	Q	Q	Q	Q	Q	Q
560	Q	Q	Q	Q	Q	Q	Q	Q
570	Q	Q	Q	Q	Q	Q	Q	Q

	160	170	180	190	200	210	220	230
480	...	...	...	...	...	...	...	...
490	...	...	...	...	...	...	...	...
500	...	...	...	...	...	...	...	...
510	...	...	...	...	...	...	...	...
520	...	...	...	...	...	...	...	...
530	...	...	...	...	...	...	...	...
540	...	...	...	...	...	...	...	...
550	...	...	...	...	...	...	...	...
560	...	...	...	...	...	...	...	...
570	...	...	...	...	...	...	...	...

	240	250	260	270	280	290	300	310
480	...	...	...	...	...	...	...	...
490	...	...	...	...	...	...	...	...
500	...	...	...	...	...	...	...	...
510	...	...	...	...	...	...	...	...
520	...	...	...	...	...	...	...	...
530	...	...	...	...	...	...	...	...
540	...	...	...	...	...	...	...	...
550	...	...	...	...	...	...	...	...
560	...	...	...	...	...	...	...	...
570	...	...	...	...	...	...	...	...

	310	320	330	340	350	360	370	380
480								
490								
500								
510								
520								
530								
540								
550								
560								
570								



	390	400	410	420	430	440	450	460
480	...	...	...	...	...	...	...	...
490	...	...	...	...	...	...	...	...
500	...	...	...	...	...	...	...	...
510	...	...	...	...	...	...	...	...
520	...	...	...	...	...	...	...	...
530	...	...	...	...	...	...	...	...
540	...	...	...	...	...	...	...	...
550	...	...	...	...	...	...	...	...
560	...	...	...	...	...	...	...	...
570	...	...	...	...	...	...	...	...

	470	480	490	500	510	520
480	...	...	...	...	...	...
490	...	...	...	...	...	...
500	...	...	...	...	...	...
510	...	...	...	...	...	...
520	...	...	...	...	...	...
530	...	...	...	...	...	...
540	...	...	...	...	...	...
550	...	...	...	...	...	...
560	...	...	...	...	...	...
570	...	...	...	...	...	...

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	160										170										180										190										200										210										220										230																																																																																																			
570																																																																																																																																																																										
580																																																																																																																																																																										
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600																																																																																																																																																																										
610																																																																																																																																																																										

	240	250	260	270	280	290	300	310
570	***	***	***	***	***	***	***	***
580	***	***	***	***	***	***	***	***
590	***	***	***	***	***	***	***	***
600	***	***	***	***	***	***	***	***
610	***	***	***	***	***	***	***	***

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	390										400										410										420										430										440										450										460																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	



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