

	10	20	30	40
10	—	—	—	—
20	—	—	—	—
30	—	—	—	—
40	—	—	—	—
10	—	—	—	—
20	—	—	—	—
30	—	—	—	—
40	—	—	—	—
50	—	—	—	—

The figure shows a 50x50 grid of symbols, likely representing a state-space diagram or a sequence of operations. The grid is bounded by vertical and horizontal lines. Numerical labels are present at the top (40, 50, 60, 70) and left (10, 20, 30, 40). A black arrow points from the top right towards the bottom right. The bottom right corner contains a dense cluster of symbols including 'aa', 'a', 'Σ', 'Φ', 'X', 'O', and 'X'.

This figure displays the evolution of a cellular automaton rule 110 across three time steps: 120, 130, and 140. The horizontal axis represents the spatial dimension from 120 to 140, and the vertical axis represents time from 10 to 50. A vertical gray bar on the far left marks the initial configuration boundary.

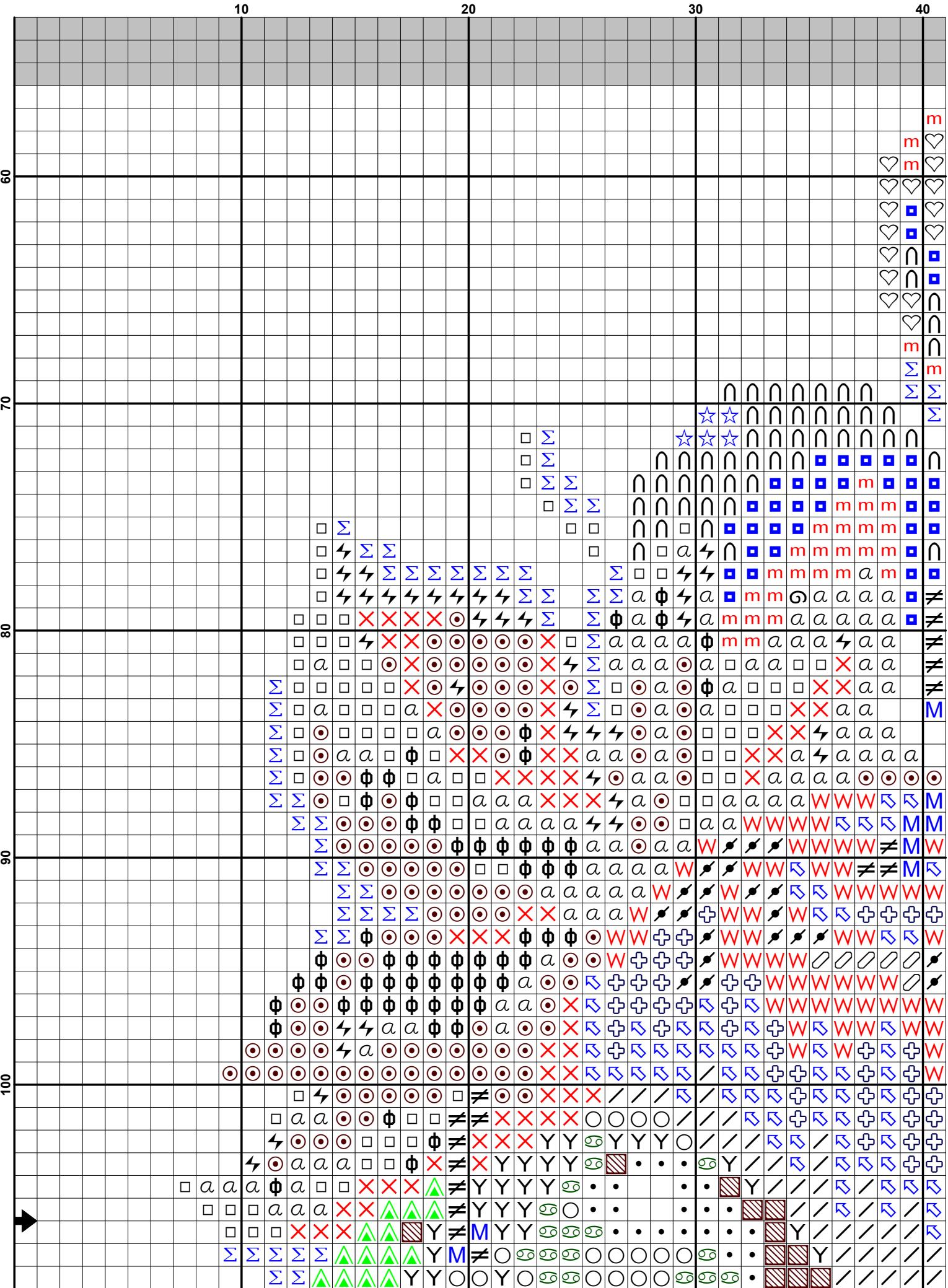
The symbols used in the grid represent different states:

- Dot (•)**: A solid black dot.
- Circle (○)**: An open circle.
- Dash (-)**: A short blue dash.
- Letter A (A)**: A black letter 'A'.
- Letter W (W)**: A red letter 'W'.
- Letter O (O)**: A black letter 'O'.
- Slash (/)**: A diagonal line from top-left to bottom-right.
- Backslash (\)**: A diagonal line from top-right to bottom-left.

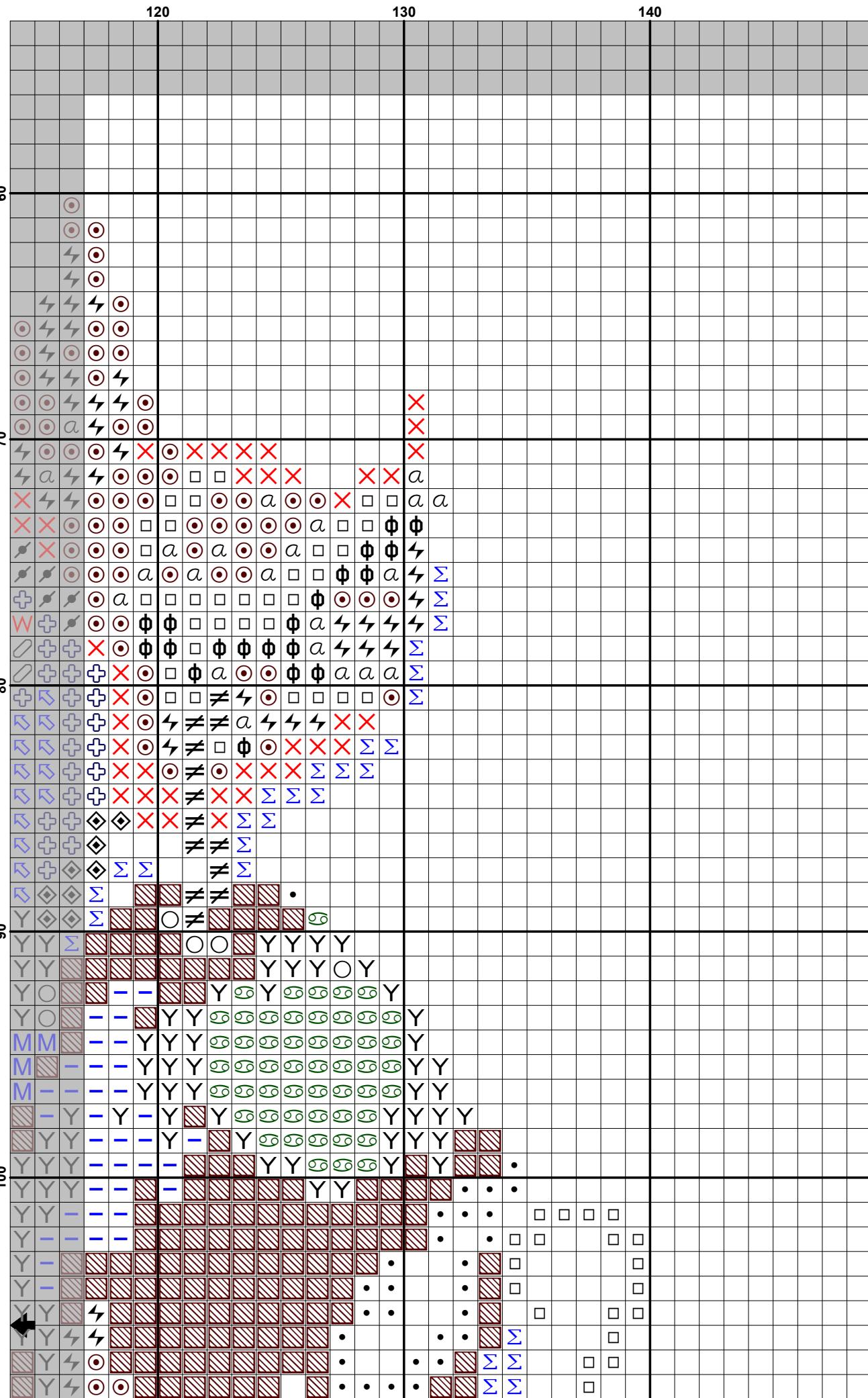
The evolution follows these rules:

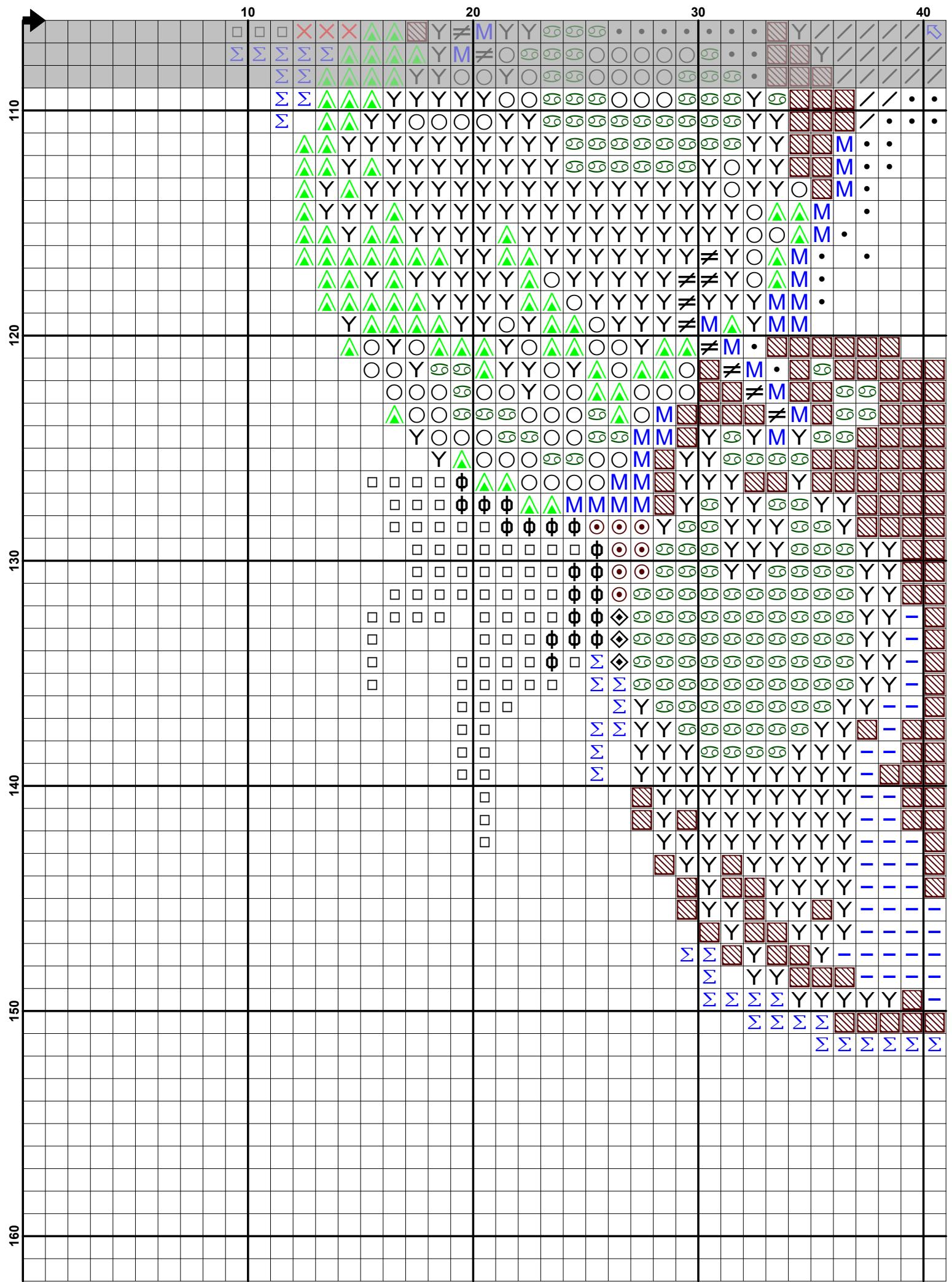
- Rule 120:** A dot becomes a circle if it has exactly one neighbor (W or O).
- Rule 130:** A dot becomes a dash if it has exactly two neighbors (W or O). A circle becomes a dot if it has exactly one neighbor (W or O).
- Rule 140:** A dash becomes a dot if it has exactly one neighbor (W or O). A circle becomes a dash if it has exactly two neighbors (W or O). A dot becomes a circle if it has exactly three neighbors (W or O).

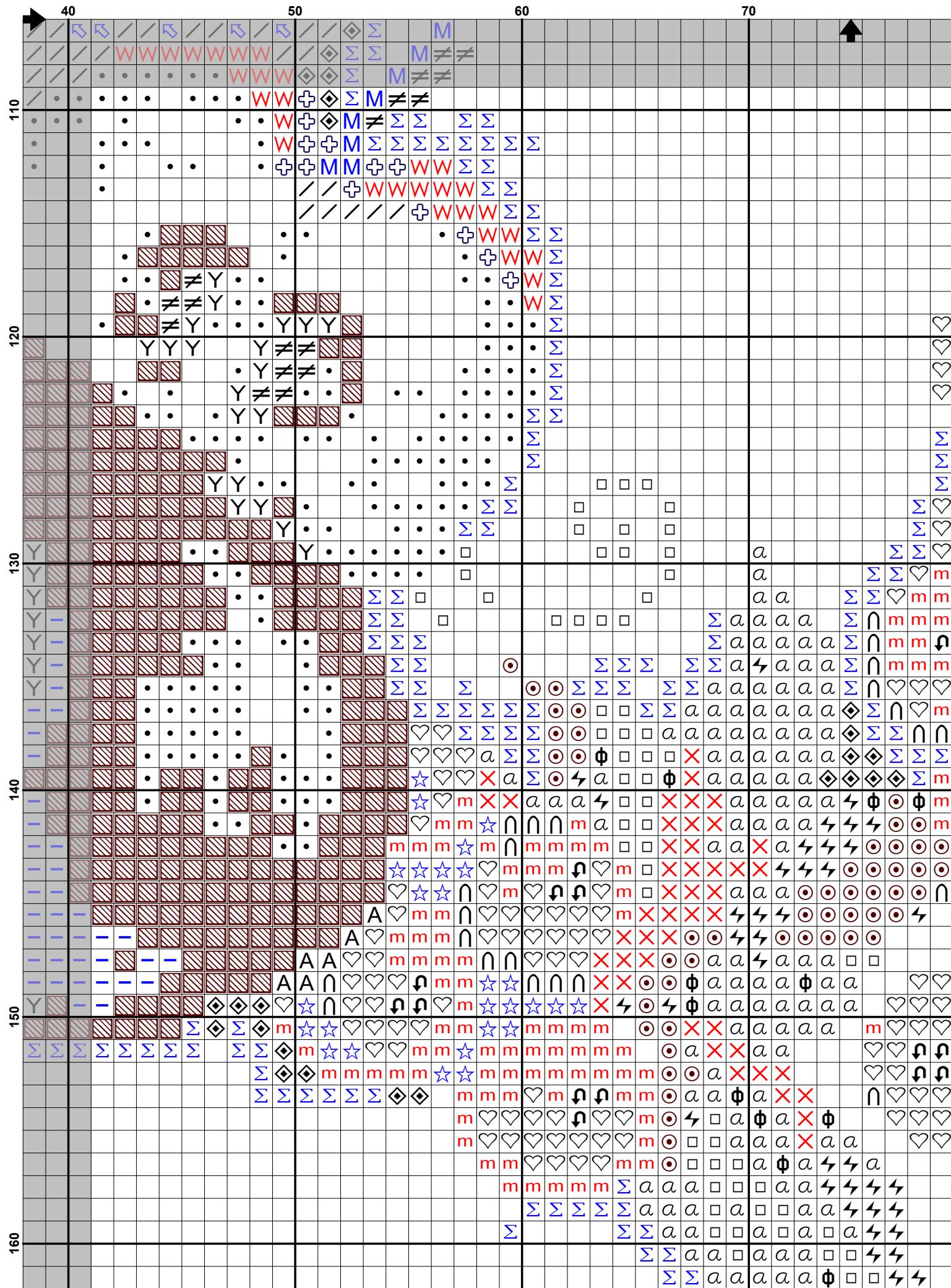
Initial conditions (t=10) include a vertical gray bar at x=120, several W's and O's scattered in the first few columns, and a complex pattern of A's, W's, and O's in the center and right sections. The pattern evolves into a stable configuration of alternating A's and W's by t=140.



This image shows a 8x8 grid-based puzzle or game board. The grid is labeled with row numbers 40, 50, 60, 70, 80, 90, and 100 along the left side, and column labels 40, 50, 60, and 70 along the top. The board contains a variety of symbols including letters (a, m, M, Y, X, etc.), numbers, mathematical operators like plus and minus, and various geometric and abstract shapes. Some symbols are colored (red, blue, green, yellow), while others are black or white. A large black arrow points from the bottom-left towards the center of the grid. The overall pattern is complex and suggests a logic puzzle or a specific type of crossword.







This figure displays a 2D grid of data points across a coordinate system. The x-axis is marked with values 10, 20, 30, and 40, and the y-axis is marked with values 160, 170, 180, 190, 200, and 210. The data points are categorized by symbol: solid black dots, dashed blue lines, open circles, and red 'W' characters.

- Solid Black Dots:** These are scattered throughout the grid, appearing in horizontal bands around y=170 and y=180, and a vertical band around x=10.
- Dashed Blue Lines:** These are primarily located in the lower-left quadrant, with horizontal segments near the top and vertical segments near the bottom.
- Open Circles:** These are scattered across the grid, often appearing in pairs or small groups.
- Red 'W' Characters:** These are the most prominent feature, forming a large diagonal band from approximately (10, 180) to (40, 180). Smaller clusters of red 'W's are also present near (10, 190), (20, 190), and (30, 190).

This figure displays a 2D grid of data points across a coordinate system. The horizontal axis (x-axis) is labeled with values 80, 90, 100, and 110. The vertical axis (y-axis) is labeled with values 160, 170, 180, 190, 200, and 210. A vertical gray bar is positioned along the left edge of the plot area.

The data points are categorized by the following symbols:

- Black Dot:** A single black dot representing a data point.
- Blue Dashed Line:** A horizontal blue dashed line segment representing a data series.
- Red 'W':** A red character 'W' representing a specific data type.
- Open Circle:** An open circle representing another data type.

Specific patterns include rows of black dots and blue dashed lines, clusters of red 'W's, and areas filled with open circles. A notable vertical gray bar is located on the far left of the plot area.

This figure displays a sequence alignment between two DNA strands across a range of positions from 120 to 210. The horizontal axis (x-axis) represents the positions of the first strand, and the vertical axis (y-axis) represents the positions of the second strand. The grid cells contain characters representing the aligned bases or other biological information. A vertical shaded bar is located on the far left of the grid.

The x-axis is labeled with values 120, 130, and 140 at the top. The y-axis is labeled with values 160, 170, 180, 190, 200, and 210 on the left side.

The grid contains the following symbols:

- A:** Adenine
- T:** Thymine
- C:** Cytosine
- G:** Guanine
- :** Insertion or Deletion
- /:** Match
- W:** Purine (A or T)

Red characters indicate mismatched bases or specific features of the sequence. The alignment shows a high degree of conservation, with many matches indicated by slashes and a large number of 'A' characters.

Fabric: Aida 14, White

149w X 212h Stitches

Size: 14 Count, 27.03w X 38.46h cm**Floss Used for Full Stitches:**

Symbol	Strands	Type	Number	Color
--------	---------	------	--------	-------

■	2	DMC	210	Lavender-MD
■	2	DMC	307	Lemon
■	2	DMC	310	Black
■	2	DMC	327	Lavender-VY DK
■	2	DMC	333	Blue Violet-VY DK
■	2	DMC	347	Salmon-VY DK
■	2	DMC	349	Coral-DK
■	2	DMC	350	Coral-MD
■	2	DMC	351	Coral
■	2	DMC	352	Coral-LT
■	2	DMC	353	Coral-VY LT
■	2	DMC	444	Lemon-DK
■	2	DMC	520	Fern Green-DK
■	2	DMC	581	Moss Green
■	2	DMC	677	Old Gold-VY LT
■	2	DMC	702	Christmas Green
■	2	DMC	703	Christmas Green-LT
■	2	DMC	725	Topaz
■	2	DMC	780	Topaz-UL VY DK
■	2	DMC	791	Cornflower Blue-VY DK
■	2	DMC	794	Cornflower Blue-LT
■	2	DMC	809	Delft Blue
■	2	DMC	827	Blue-VY LT
■	2	DMC	838	Beige Brown-VY DK
■	2	DMC	906	Parrot Green-MD
■	2	DMC	907	Parrot Green-LT
■	2	DMC	972	Canary-DK
■	2	DMC	976	Golden Brown-MD
■	2	DMC	977	Golden Brown-LT
■	2	DMC	3041	Antique Violet-MD
■	2	DMC	3746	Blue Violet-DK
■	2	DMC	3809	Turquoise-VY DK

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	210	64	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	307	937	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	310	1068	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	327	103	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	333	333	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	347	1508	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	349	166	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	350	219	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	351	898	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	352	160	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	353	485	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	444	394	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	520	310	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	581	578	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	677	3836	0	0	0	0.0	0.0	0.0	0	0	2.000	
■ DMC	702	707	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	703	292	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	725	2367	0	0	0	0.0	0.0	0.0	0	0	2.000	
■ DMC	780	172	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	791	250	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	794	110	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	809	30	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	827	556	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	838	114	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	906	248	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	907	545	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	972	689	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	976	1406	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	977	251	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	3041	32	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	3746	436	0	0	0	0.0	0.0	0.0	0	0	1.000	
■ DMC	3809	133	0	0	0	0.0	0.0	0.0	0	0	1.000	