Happy Birthday cake

Knitting, worked flat pattern



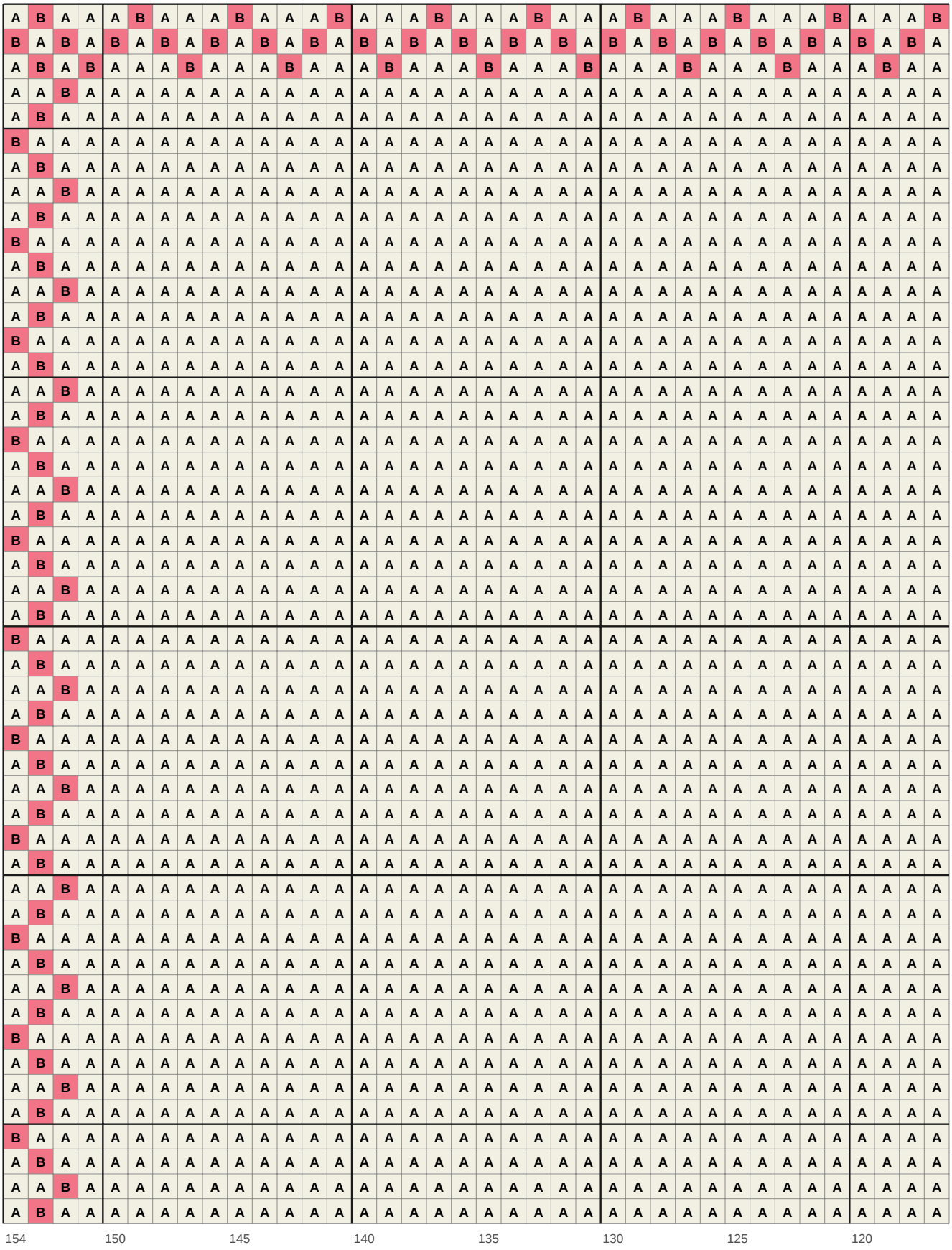
Size	154 stitches wide x 95 rows high, 14,630 stitches in all
Finished	about 34.2 x 15.6 in (86.9 x 39.7 cm) at the gauge below
Gauge	about 18 stitches and 24.3 rows to 4 in, usual for worsted yarn
Rows	95 rows, worked from the bottom of the graph up
Technique	intarsia: up to 7 colors in a row, 696 separate color areas, each on its own bobbin

Yarn

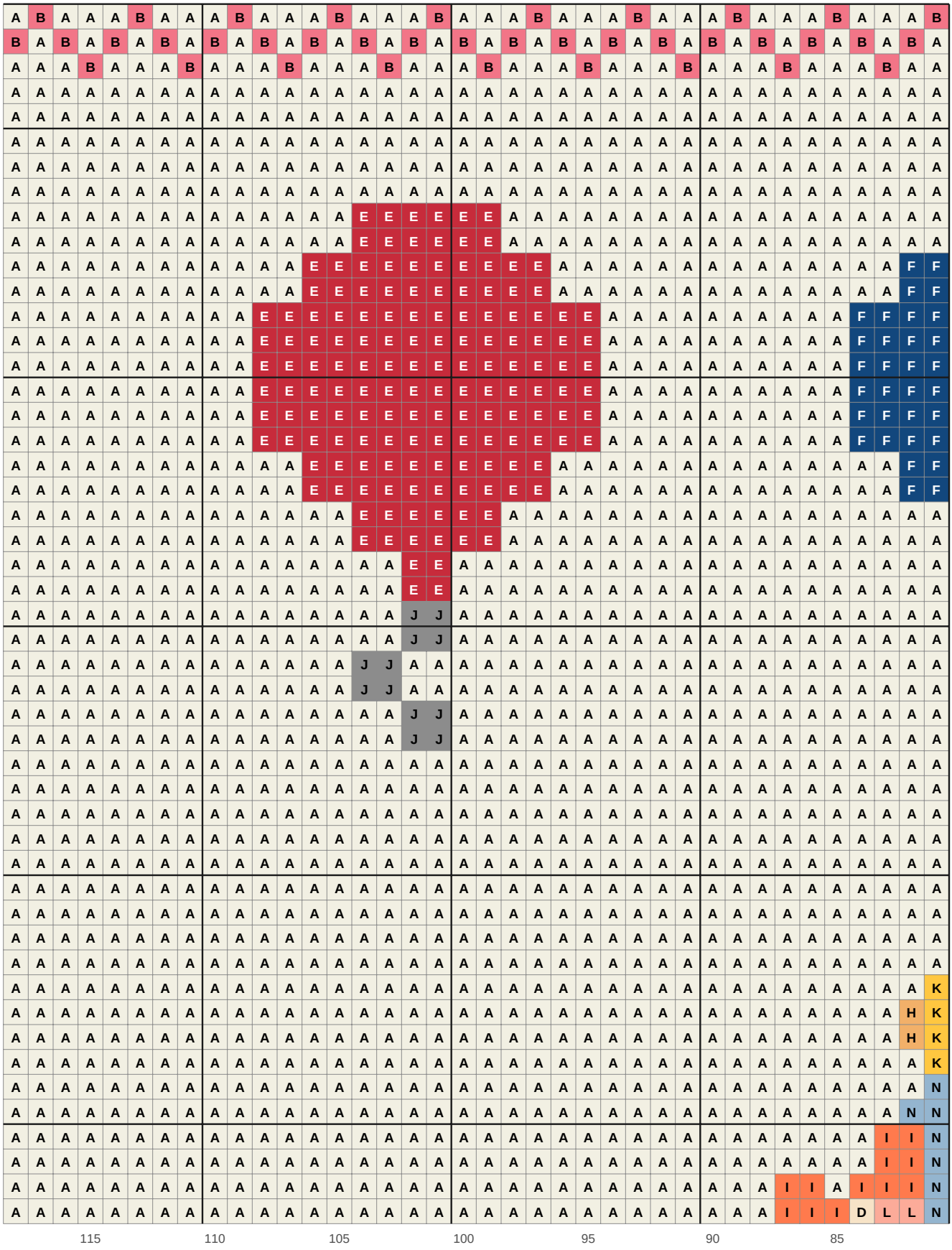
		Color	Stitches	Yards (+15%)
	A	Background (cream)	12,749	326
	B	Rose Medium	490	13
	C	Violet Medium	441	12
	D	Tan Ult Vy Lt	171	5
	E	Red	152	4
	F	Royal Blue	152	4
	G	Yellow Med	152	4
	H	Autumn Gold Med	130	4
	I	Burnt Orange	70	2
	J	Steel Gray Dk	36	1
	K	Topaz Med Lt	27	1
	L	Apricot	27	1
	M	Cyclamen Pink Light	15	1
	N	Baby Blue	13	1
	O	Mocha Beige Med	5	1

Yarn amounts are estimates from the gauge. Make a swatch, see how much yarn it takes, and change the gauge in the tool to match before you buy. Buy each color from one dye lot.

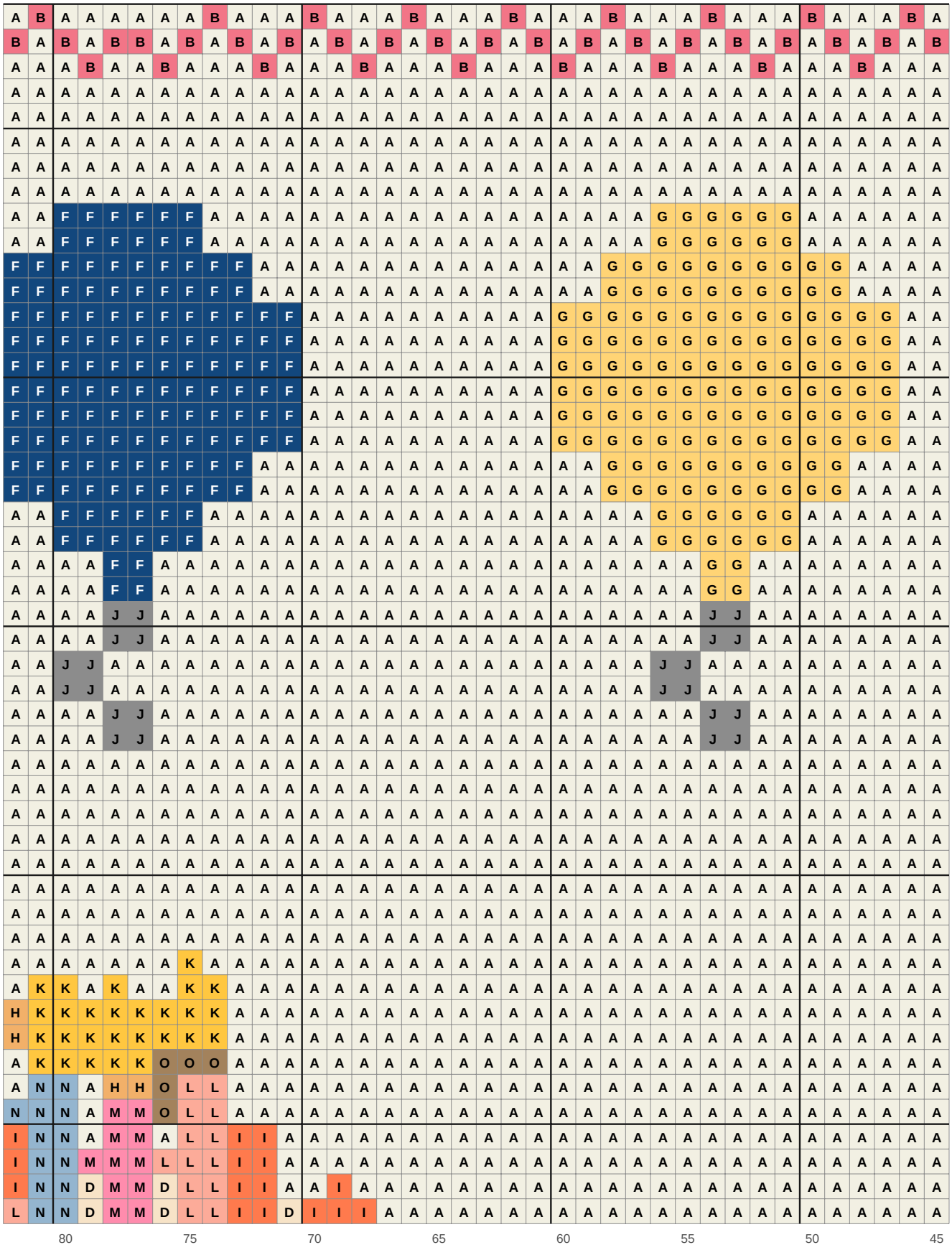
Graph, part 1 of 10: columns 1-38, rows 47-95 from the bottom



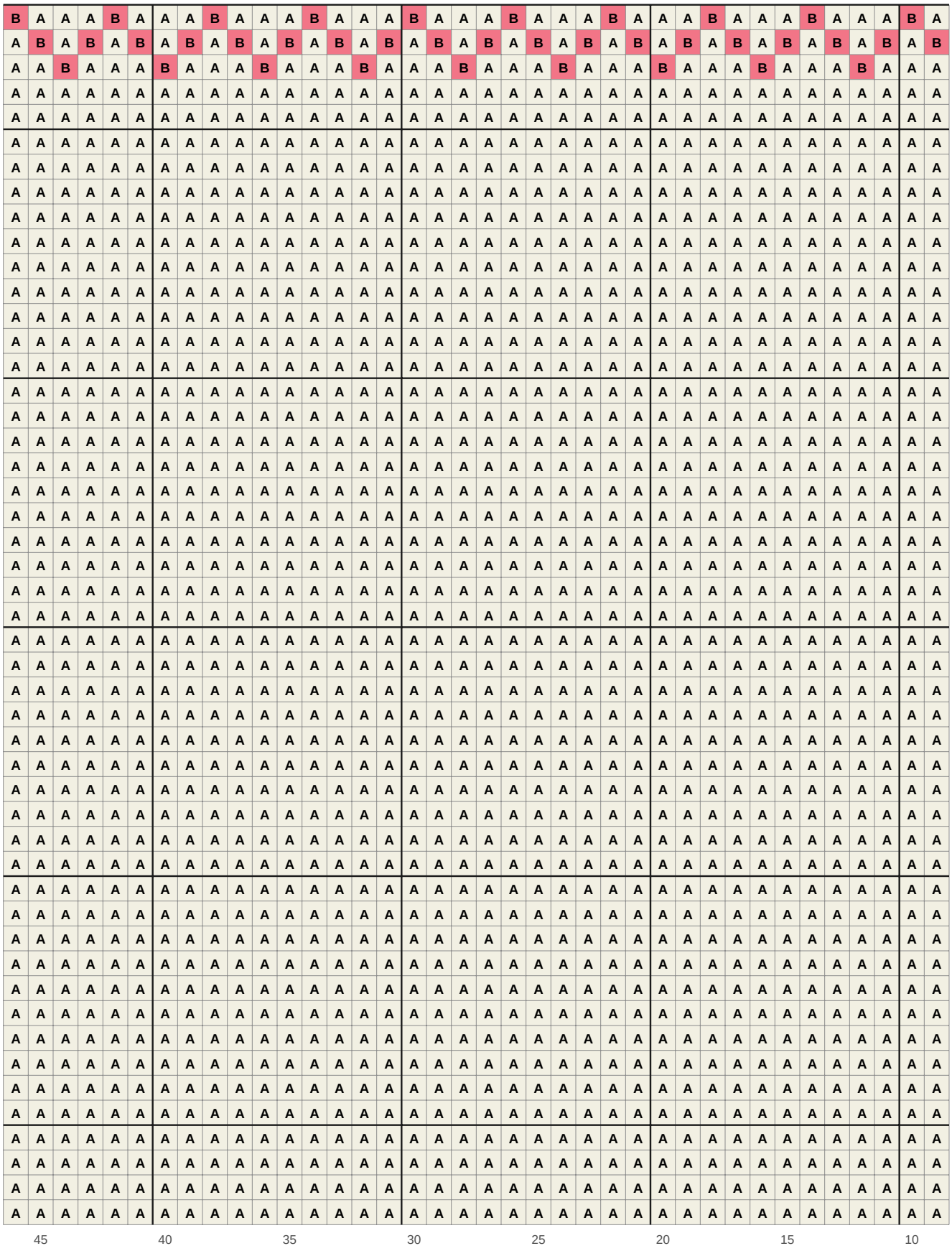
Graph, part 2 of 10: columns 37-74, rows 47-95 from the bottom



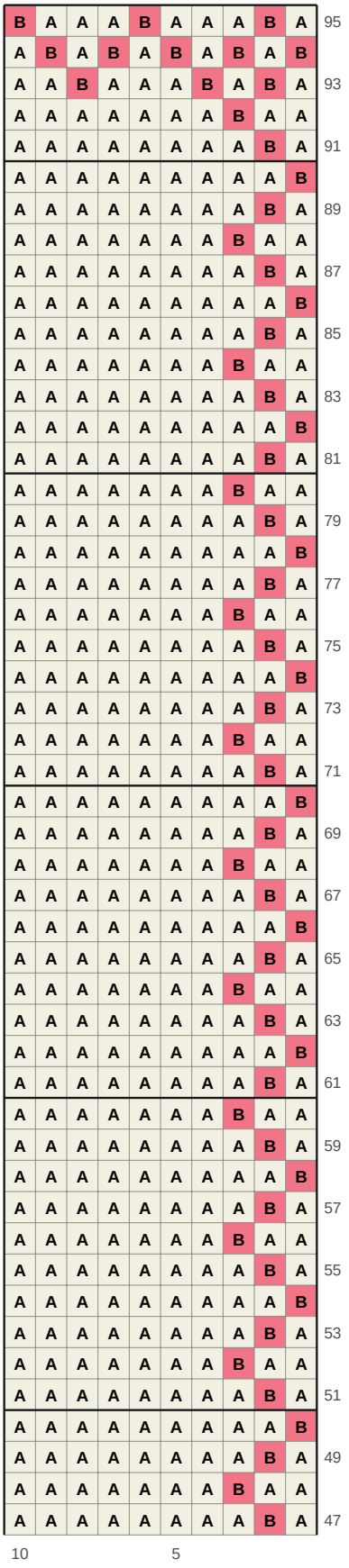
Graph, part 3 of 10: columns 73-110, rows 47-95 from the bottom



Graph, part 4 of 10: columns 109-146, rows 47-95 from the bottom



Graph, part 5 of 10: columns 145-154, rows 47-95 from the bottom



Graph, part 6 of 10: columns 1-38, rows 1-48 from the bottom



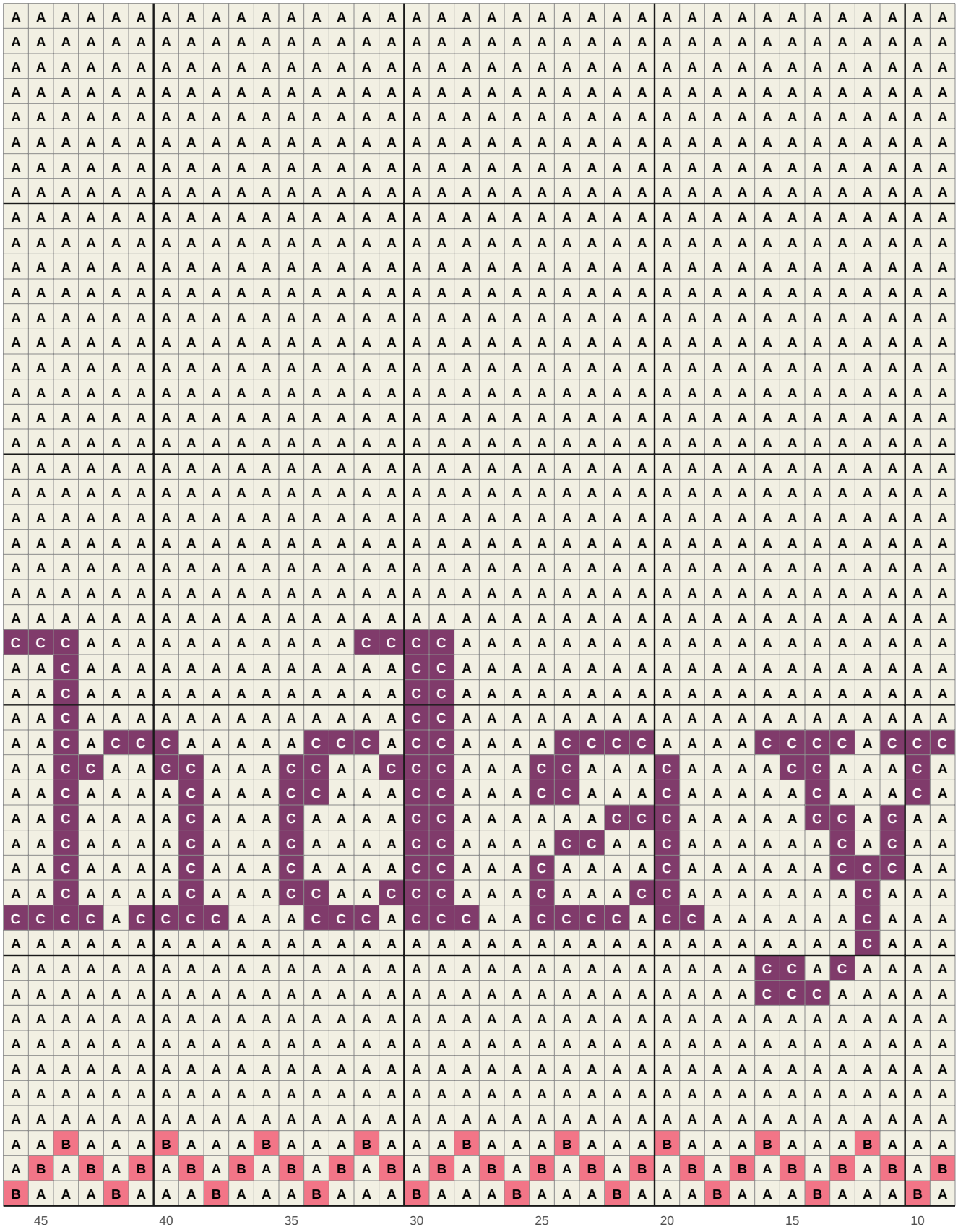
Graph, part 7 of 10: columns 37-74, rows 1-48 from the bottom



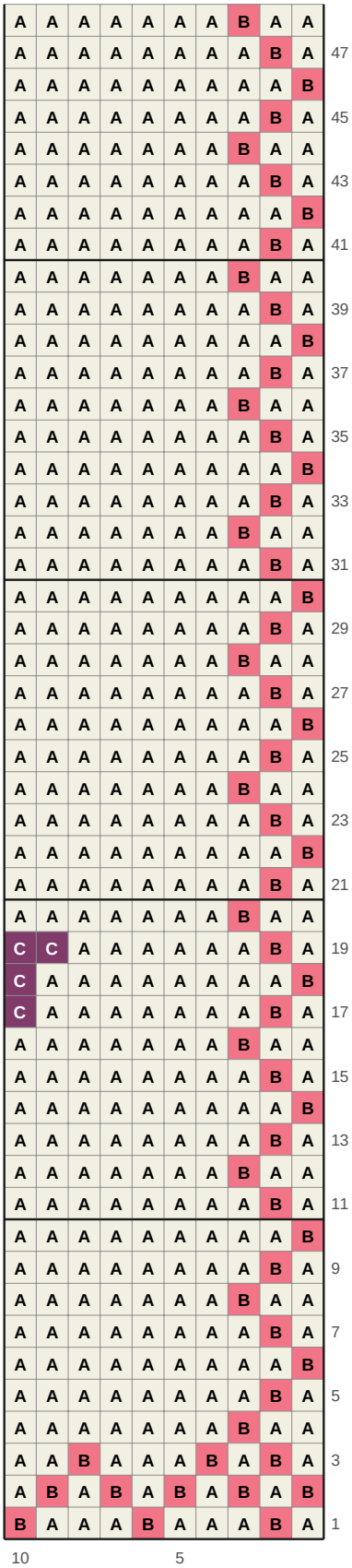
Graph, part 8 of 10: columns 73-110, rows 1-48 from the bottom



Graph, part 9 of 10: columns 109-146, rows 1-48 from the bottom



Graph, part 10 of 10: columns 145-154, rows 1-48 from the bottom



Written instructions

Written rows, from the bottom of the graph up, each in the order you work the stitches.

- [ ] Row 1 (RS, right to left, 154 sts): 1 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 6 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 1 A
- [ ] Row 2 (WS, purl left to right, 154 sts): 1 B, 1 A, 2 B, 1 A, 1 B
- [ ] Row 3 (RS, right to left, 154 sts): 1 A, 1 B, 1 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 2 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 1 A, 1 B, 1 A
- [ ] Row 4 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 5 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 6 (WS, purl left to right, 154 sts): 1 B, 152 A, 1 B
- [ ] Row 7 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 8 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 9 (RS, right to left, 154 sts): 1 A, 1 B, 11 A, 3 C, 81 A, 3 C, 52 A, 1 B, 1 A
- [ ] Row 10 (WS, purl left to right, 154 sts): 1 B, 31 A, 5 C, 6 A, 5 C, 6 A, 2 C, 1 A, 1 C, 80 A, 2 C, 1 A, 1 C, 11 A, 1 B
- [ ] Row 11 (RS, right to left, 154 sts): 1 A, 1 B, 9 A, 1 C, 83 A, 1 C, 12 A, 1 C, 10 A, 1 C, 32 A, 1 B, 1 A
- [ ] Row 12 (WS, purl left to right, 154 sts): 2 A, 1 B, 5 A, 6 C, 2 A, 5 C, 2 A, 4 C, 1 A, 2 C, 4 A, 1 C, 10 A, 1 C, 12 A, 1 C, 12 A, 8 C, 5 A, 5 C, 2 A, 5 C, 6 A, 3 C, 3 A, 4 C, 1 A, 4 C, 3 A, 3 C, 1 A, 3 C, 2 A, 4 C, 1 A, 2 C, 6 A, 1 C, 8 A, 1 B, 2 A
- [ ] Row 13 (RS, right to left, 154 sts): 1 A, 1 B, 9 A, 1 C, 7 A, 2 C, 3 A, 1 C, 3 A, 3 C, 2 A, 2 C, 3 A, 1 C, 4 A, 1 C, 4 A, 1 C, 2 A, 1 C, 8 A, 1 C, 6 A, 1 C, 5 A, 2 C, 4 A, 2 C, 14 A, 1 C, 8 A, 3 C, 1 A, 1 C, 6 A, 3 C, 1 A, 1 C, 5 A, 2 C, 3 A, 1 C, 4 A, 2 C, 5 A, 2 C, 8 A, 1 B, 1 A
- [ ] Row 14 (WS, purl left to right, 154 sts): 1 B, 9 A, 2 C, 5 A, 2 C, 4 A, 1 C, 4 A, 1 C, 5 A, 2 C, 2 A, 2 C, 5 A, 2 C, 2 A, 2 C, 6 A, 3 C, 13 A, 2 C, 5 A, 2 C, 4 A, 1 C, 6 A, 1 C, 8 A, 1 C, 2 A, 1 C, 4 A, 1 C, 4 A, 1 C, 3 A, 1 C, 4 A, 2 C, 3 A, 1 C, 4 A, 1 C, 6 A, 3 C, 9 A, 1 B
- [ ] Row 15 (RS, right to left, 154 sts): 1 A, 1 B, 8 A, 1 C, 1 A, 1 C, 6 A, 1 C, 2 A, 2 C, 4 A, 2 C, 4 A, 1 C, 3 A, 1 C, 4 A, 1 C, 7 A, 1 C, 8 A, 1 C, 6 A, 1 C, 4 A, 2 C, 5 A, 2 C, 13 A, 1 C, 1 A, 1 C, 6 A, 1 C, 4 A, 1 C, 5 A, 1 C, 4 A, 1 C, 5 A, 1 C, 2 A, 2 C, 5 A, 2 C, 5 A, 2 C, 8 A, 1 B, 1 A
- [ ] Row 16 (WS, purl left to right, 154 sts): 2 A, 1 B, 7 A, 2 C, 5 A, 2 C, 7 A, 3 C, 5 A, 1 C, 4 A, 2 C, 4 A, 1 C, 4 A, 2 C, 4 A, 2 C, 1 A, 1 C, 13 A, 2 C, 4 A, 2 C, 5 A, 1 C, 6 A, 1 C, 8 A, 1 C, 7 A, 1 C, 4 A, 1 C, 3 A, 1 C, 4 A, 2 C, 6 A, 3 C, 5 A, 2 C, 1 A, 1 C, 7 A, 1 B, 2 A
- [ ] Row 17 (RS, right to left, 154 sts): 1 A, 1 B, 7 A, 1 C, 3 A, 1 C, 5 A, 1 C, 3 A, 2 C, 3 A, 2 C, 3 A, 2 C, 3 A, 1 C, 4 A, 1 C, 7 A, 1 C, 7 A, 2 C, 6 A, 1 C, 5 A, 3 C, 3 A, 2 C, 12 A, 1 C, 3 A, 1 C, 4 A, 2 C, 4 A, 1 C, 4 A, 2 C, 4 A, 1 C, 5 A, 1 C, 3 A, 2 C, 4 A, 2 C, 5 A, 2 C, 8 A, 1 B, 1 A
- [ ] Row 18 (WS, purl left to right, 154 sts): 1 B, 9 A, 9 C, 4 A, 2 C, 3 A, 1 C, 5 A, 1 C, 4 A, 1 C, 5 A, 1 C, 4 A, 1 C, 4 A, 2 C, 3 A, 1 C, 12 A, 6 C, 7 A, 1 C, 6 A, 2 C, 1 A, 2 C, 4 A, 1 C, 7 A, 2 C, 2 A, 2 C, 3 A, 2 C, 2 A, 3 C, 3 A, 2 C, 3 A, 1 C, 4 A, 2 C, 3 A, 1 C, 8 A, 1 B
- [ ] Row 19 (RS, right to left, 154 sts): 1 A, 1 B, 6 A, 3 C, 1 A, 4 C, 4 A, 4 C, 4 A, 2 C, 1 A, 3 C, 5 A, 3 C, 1 A, 1 C, 5 A, 5 C, 2 A, 3 C, 1 A, 3 C, 4 A, 3 C, 3 A, 2 C, 4 A, 2 C, 11 A, 3 C, 1 A, 4 C, 3 A, 2 C, 2 A, 2 C, 5 A, 2 C, 2 A, 2 C, 6 A, 4 C, 5 A, 2 C, 5 A, 2 C, 8 A, 1 B, 1 A
- [ ] Row 20 (WS, purl left to right, 154 sts): 2 A, 1 B, 7 A, 2 C, 5 A, 2 C, 13 A, 3 C, 1 A, 3 C, 4 A, 3 C, 1 A, 3 C, 23 A, 2 C, 4 A, 2 C, 21 A, 1 C, 7 A, 1 C, 13 A, 2 C, 25 A, 1 B, 2 A
- [ ] Row 21 (RS, right to left, 154 sts): 1 A, 1 B, 26 A, 2 C, 13 A, 1 C, 7 A, 1 C, 15 A, 1 C, 5 A, 2 C, 4 A, 2 C, 54 A, 2 C, 5 A, 2 C, 8 A, 1 B, 1 A
- [ ] Row 22 (WS, purl left to right, 154 sts): 1 B, 9 A, 2 C, 5 A, 2 C, 54 A, 2 C, 4 A, 2 C, 5 A, 1 C, 15 A, 1 C, 7 A, 1 C, 13 A, 2 C, 27 A, 1 B

Written instructions

Written rows, from the bottom of the graph up, each in the order you work the stitches.

- [ ] Row 23 (RS, right to left, 154 sts): 1 A, 1 B, 26 A, 4 C, 11 A, 3 C, 28 A, 9 C, 50 A, 5 C, 2 A, 6 C, 6 A, 1 B, 1 A
- [ ] Row 24 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 25 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 26 (WS, purl left to right, 154 sts): 1 B, 152 A, 1 B
- [ ] Row 27 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 28 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 29 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 30 (WS, purl left to right, 154 sts): 1 B, 71 A, 9 H, 72 A, 1 B
- [ ] Row 31 (RS, right to left, 154 sts): 1 A, 1 B, 68 A, 15 H, 67 A, 1 B, 1 A
- [ ] Row 32 (WS, purl left to right, 154 sts): 2 A, 1 B, 64 A, 19 H, 65 A, 1 B, 2 A
- [ ] Row 33 (RS, right to left, 154 sts): 1 A, 1 B, 65 A, 21 H, 64 A, 1 B, 1 A
- [ ] Row 34 (WS, purl left to right, 154 sts): 1 B, 65 A, 21 H, 66 A, 1 B
- [ ] Row 35 (RS, right to left, 154 sts): 1 A, 1 B, 65 A, 4 H, 1 D, 5 H, 2 D, 9 H, 64 A, 1 B, 1 A
- [ ] Row 36 (WS, purl left to right, 154 sts): 2 A, 1 B, 63 A, 2 H, 2 D, 4 H, 4 D, 3 H, 3 D, 4 H, 63 A, 1 B, 2 A
- [ ] Row 37 (RS, right to left, 154 sts): 1 A, 1 B, 64 A, 3 H, 18 D, 2 H, 63 A, 1 B, 1 A
- [ ] Row 38 (WS, purl left to right, 154 sts): 1 B, 64 A, 2 H, 18 D, 3 H, 65 A, 1 B
- [ ] Row 39 (RS, right to left, 154 sts): 1 A, 1 B, 64 A, 23 D, 63 A, 1 B, 1 A
- [ ] Row 40 (WS, purl left to right, 154 sts): 2 A, 1 B, 62 A, 11 D, 2 L, 10 D, 63 A, 1 B, 2 A
- [ ] Row 41 (RS, right to left, 154 sts): 1 A, 1 B, 64 A, 4 D, 3 L, 2 D, 4 I, 2 D, 2 L, 6 D, 63 A, 1 B, 1 A
- [ ] Row 42 (WS, purl left to right, 154 sts): 1 B, 64 A, 5 D, 3 I, 1 L, 1 D, 4 I, 1 D, 1 L, 3 I, 4 D, 65 A, 1 B
- [ ] Row 43 (RS, right to left, 154 sts): 1 A, 1 B, 64 A, 4 D, 3 I, 1 L, 1 D, 3 I, 2 D, 1 L, 3 I, 5 D, 63 A, 1 B, 1 A
- [ ] Row 44 (WS, purl left to right, 154 sts): 2 A, 1 B, 63 A, 5 D, 2 I, 1 L, 2 D, 2 I, 3 D, 3 I, 4 D, 63 A, 1 B, 2 A
- [ ] Row 45 (RS, right to left, 154 sts): 1 A, 1 B, 65 A, 3 I, 1 D, 1 I, 4 D, 2 M, 3 D, 2 I, 1 D, 3 I, 1 D, 64 A, 1 B, 1 A
- [ ] Row 46 (WS, purl left to right, 154 sts): 1 B, 65 A, 4 I, 6 D, 2 M, 6 D, 3 I, 66 A, 1 B
- [ ] Row 47 (RS, right to left, 154 sts): 1 A, 1 B, 65 A, 3 I, 1 D, 2 I, 2 L, 1 D, 2 M, 1 D, 2 N, 2 L, 1 D, 3 I, 65 A, 1 B, 1 A
- [ ] Row 48 (WS, purl left to right, 154 sts): 2 A, 1 B, 64 A, 2 I, 1 A, 3 I, 2 N, 1 D, 2 M, 1 D, 2 L, 2 I, 2 A, 1 I, 65 A, 1 B, 2 A
- [ ] Row 49 (RS, right to left, 154 sts): 1 A, 1 B, 69 A, 2 I, 3 L, 3 M, 2 N, 2 I, 69 A, 1 B, 1 A
- [ ] Row 50 (WS, purl left to right, 154 sts): 1 B, 70 A, 2 I, 2 N, 1 A, 2 M, 1 A, 2 L, 2 I, 70 A, 1 B
- [ ] Row 51 (RS, right to left, 154 sts): 1 A, 1 B, 71 A, 2 L, 1 O, 2 M, 1 A, 3 N, 70 A, 1 B, 1 A
- [ ] Row 52 (WS, purl left to right, 154 sts): 2 A, 1 B, 70 A, 2 N, 1 A, 2 H, 1 O, 2 L, 70 A, 1 B, 2 A
- [ ] Row 53 (RS, right to left, 154 sts): 1 A, 1 B, 71 A, 3 O, 5 K, 71 A, 1 B, 1 A
- [ ] Row 54 (WS, purl left to right, 154 sts): 1 B, 71 A, 1 H, 8 K, 72 A, 1 B
- [ ] Row 55 (RS, right to left, 154 sts): 1 A, 1 B, 71 A, 8 K, 1 H, 70 A, 1 B, 1 A
- [ ] Row 56 (WS, purl left to right, 154 sts): 2 A, 1 B, 70 A, 2 K, 1 A, 1 K, 2 A, 2 K, 70 A, 1 B, 2 A
- [ ] Row 57 (RS, right to left, 154 sts): 1 A, 1 B, 72 A, 1 K, 77 A, 1 B, 1 A
- [ ] Row 58 (WS, purl left to right, 154 sts): 1 B, 152 A, 1 B
- [ ] Row 59 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 60 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 61 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 62 (WS, purl left to right, 154 sts): 1 B, 152 A, 1 B
- [ ] Row 63 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 64 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- [ ] Row 65 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- [ ] Row 66 (WS, purl left to right, 154 sts): 1 B, 51 A, 2 J, 22 A, 2 J, 22 A, 2 J, 51 A, 1 B

Written instructions

Written rows, from the bottom of the graph up, each in the order you work the stitches.

- ☐ Row 67 (RS, right to left, 154 sts): 1 A, 1 B, 50 A, 2 J, 22 A, 2 J, 22 A, 2 J, 50 A, 1 B, 1 A
- ☐ Row 68 (WS, purl left to right, 154 sts): 2 A, 1 B, 47 A, 2 J, 22 A, 2 J, 22 A, 2 J, 51 A, 1 B, 2 A
- ☐ Row 69 (RS, right to left, 154 sts): 1 A, 1 B, 52 A, 2 J, 22 A, 2 J, 22 A, 2 J, 48 A, 1 B, 1 A
- ☐ Row 70 (WS, purl left to right, 154 sts): 1 B, 51 A, 2 J, 22 A, 2 J, 22 A, 2 J, 51 A, 1 B
- ☐ Row 71 (RS, right to left, 154 sts): 1 A, 1 B, 50 A, 2 J, 22 A, 2 J, 22 A, 2 J, 50 A, 1 B, 1 A
- ☐ Row 72 (WS, purl left to right, 154 sts): 2 A, 1 B, 49 A, 2 E, 22 A, 2 F, 22 A, 2 G, 49 A, 1 B, 2 A
- ☐ Row 73 (RS, right to left, 154 sts): 1 A, 1 B, 50 A, 2 G, 22 A, 2 F, 22 A, 2 E, 50 A, 1 B, 1 A
- ☐ Row 74 (WS, purl left to right, 154 sts): 1 B, 49 A, 6 E, 18 A, 6 F, 18 A, 6 G, 49 A, 1 B
- ☐ Row 75 (RS, right to left, 154 sts): 1 A, 1 B, 48 A, 6 G, 18 A, 6 F, 18 A, 6 E, 48 A, 1 B, 1 A
- ☐ Row 76 (WS, purl left to right, 154 sts): 2 A, 1 B, 45 A, 10 E, 14 A, 10 F, 14 A, 10 G, 45 A, 1 B, 2 A
- ☐ Row 77 (RS, right to left, 154 sts): 1 A, 1 B, 46 A, 10 G, 14 A, 10 F, 14 A, 10 E, 46 A, 1 B, 1 A
- ☐ Row 78 (WS, purl left to right, 154 sts): 1 B, 45 A, 14 E, 10 A, 14 F, 10 A, 14 G, 45 A, 1 B
- ☐ Row 79 (RS, right to left, 154 sts): 1 A, 1 B, 44 A, 14 G, 10 A, 14 F, 10 A, 14 E, 44 A, 1 B, 1 A
- ☐ Row 80 (WS, purl left to right, 154 sts): 2 A, 1 B, 43 A, 14 E, 10 A, 14 F, 10 A, 14 G, 43 A, 1 B, 2 A
- ☐ Row 81 (RS, right to left, 154 sts): 1 A, 1 B, 44 A, 14 G, 10 A, 14 F, 10 A, 14 E, 44 A, 1 B, 1 A
- ☐ Row 82 (WS, purl left to right, 154 sts): 1 B, 45 A, 14 E, 10 A, 14 F, 10 A, 14 G, 45 A, 1 B
- ☐ Row 83 (RS, right to left, 154 sts): 1 A, 1 B, 44 A, 14 G, 10 A, 14 F, 10 A, 14 E, 44 A, 1 B, 1 A
- ☐ Row 84 (WS, purl left to right, 154 sts): 2 A, 1 B, 45 A, 10 E, 14 A, 10 F, 14 A, 10 G, 45 A, 1 B, 2 A
- ☐ Row 85 (RS, right to left, 154 sts): 1 A, 1 B, 46 A, 10 G, 14 A, 10 F, 14 A, 10 E, 46 A, 1 B, 1 A
- ☐ Row 86 (WS, purl left to right, 154 sts): 1 B, 49 A, 6 E, 18 A, 6 F, 18 A, 6 G, 49 A, 1 B
- ☐ Row 87 (RS, right to left, 154 sts): 1 A, 1 B, 48 A, 6 G, 18 A, 6 F, 18 A, 6 E, 48 A, 1 B, 1 A
- ☐ Row 88 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- ☐ Row 89 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- ☐ Row 90 (WS, purl left to right, 154 sts): 1 B, 152 A, 1 B
- ☐ Row 91 (RS, right to left, 154 sts): 1 A, 1 B, 150 A, 1 B, 1 A
- ☐ Row 92 (WS, purl left to right, 154 sts): 2 A, 1 B, 148 A, 1 B, 2 A
- ☐ Row 93 (RS, right to left, 154 sts): 1 A, 1 B, 1 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 2 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 1 A, 1 B, 1 A
- ☐ Row 94 (WS, purl left to right, 154 sts): 1 B, 1 A, 2 B, 1 A, 1 B
- ☐ Row 95 (RS, right to left, 154 sts): 1 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 6 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 3 A, 1 B, 1 A