

# Diamond Waves Socks

**Yarn:** Any pretty fingering yarn. Solids or semi-solids may show the pattern best.

**Needles:** I started with 2.0 and increased to 2.25 and 2.5 mm over leg. Use needle to yield the gauge you wish on a 64 stitch sock.

**Gauge:** 8 sts per inch will yield an 8 inch circumference sock. If your foot is over nine and a quarter inches at the ball, you may want 7.5 sts per inch. If your foot is close to eight inches at the ball or smaller, you may wish 8.5 or 9 sts per inch.



## Abbreviations and stitches:

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**k:** Knit

**k2tog:** Knit 2 stitches together

**kfb:** Knit front and back. Knit the next stitch in the normal way but do not drop off needle. Twist to work a second stitch through the back loop (going purlwise into the back of the stitch). Drop original stitch off needle.

**p:** Purl

**pfb:** Purl front and back. Purl the stitch in the normal way, and then purl by coming behind back through the same stitch in the back.

**ssk:** Slip the next two stitches knitwise, slip them back onto the first needle and then knit them together through the back loop.

**st(s):** Stitch(es)

**m1r and m1l:** Make 1 right or Make 1 left. You can use your favorite increase here such as the lifted bar increase or the backward loop. This makes a stitch between two stitches, but you could also knit in the front and back of the stitch which falls 1 stitch before the edge of the side.

**w&t:** Wrap and turn. Move the yarn to the front (or back if a purl row), slip the next st. Move the yarn back (forward for purl row), slip the stitch back to the first needle and turn your work. Or use the shadow wrap method. (See below).

# Toe

Judy's magic cast on 8 sts per side. (Or your favorite cast toe-up cast on.)

**Row 1:** \*K1 m1r, K to last st, m1l, k1\* each side.

**Rows 2-4:** Repeat row 1.

**Rows 5:** Repeat row 1

**Row 6:** Knit around.

**Repeat rows 5 & 6** until 32 sts per side. (20 total rows)

(This is your gauge swatch. Check gauge here and compare to foot measurements. Now is the time to start over if necessary.)

End of Row	# of sts Side/total
1	10/20
2	12/24
3	14/28
4	16/32
5	18/36
7	20/40
9	22/44
11	24/48
13	26/52
15	28/56
17	30/60
19	32/64

# Foot

Work stockinette across sole and Diamond Wave pattern across instep until sock measures approximately 3 ¼ inches before total length desired. (Ending with pattern row \_\_\_\_\_.) For more accurate fit use formula: Total rows left of foot would be 36. Desired length \_\_\_\_\_ - (36 / \_\_\_\_\_ Rows per inch) = how long foot should be when starting gusset. (See last page for chart symbol key and written directions.)

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# Gusset

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**Rnd 1:** Sole: k1 m1r, knit to last st, m1l, k1. Instep: Work pattern.

**Rnd 2:** Sole: Knit across. Instep: Continue with pattern.

Repeat these two rnds 11 more times until 56 sts on front needle. (24 rows all together).

Mark last row worked on pattern \_\_\_\_\_.

## Turn Heel

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**Work back and forth on sole.**

**Right side:** K 35, kfb, k1, wrap & turn. I used shadow wraps for the wrap & turn, as described by Alice at

<http://www.socktopus.co.uk/2011/02/short-rows-shadow-wraps/>, and they were much easier than the traditional method.

<b>Row 2 (Wrong side)</b>	P17, pfb, p1, wrap & turn
<b>Row 3 (Right side)</b>	k16, kfb, k1, wrap & turn
<b>Row 4 (Wrong side)</b>	P15, pfb, p1, wrap & turn
<b>Row 5 (Right side)</b>	k14, kfb, k1, wrap & turn
<b>Row 6 (Wrong side)</b>	P13, pfb, p1, wrap & turn
<b>Row 7 (Right side)</b>	k12, kfb, k1, wrap & turn
<b>Row 8 (Wrong side)</b>	P11, pfb, p1, wrap & turn
<b>Row 9 (Right side)</b>	K10, kfb, k1, wrap & turn
<b>Row 10 (Wrong side)</b>	P9, pfb, p1, wrap & turn
<b>Row 11 (Right side)</b>	K8, kfb, k1, wrap & turn
<b>Row 12 (Wrong side)</b>	P7, pfb, p1, wrap & turn

## Heel Flap

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**Setup:** Knit all the way around sock, knitting each wrapped stitch together with its wrap (or shadow with its stitch.) On instep work next row of pattern (Row \_\_\_\_\_), and end at the beginning of the sole stitches.

**Row 1** – Right side: K49 (don't forget those wrapped/shadow stitches), ssk, turn.

**Row 2** – Wrong side: S1, p30, p2tog, Turn.

**Row 3** – Right side: Slip 1, \*k1, S1\* fifteen times, SSK, turn.

**Row 4** – Wrong side: Slip 1, p30, p2tog, turn. (You are purling to 1 st before the gap and then purling 2 together over the gap.)

**Repeat rows 3 & 4** until sock has 1 st before gap on each side.

**Work Row 3** again, but **DO NOT TURN**. Work Instep in pattern. (Row \_\_\_\_ ) You will have 33 sts on the heel side due to the stitch before the gap at the beginning of the row.

**Next Row: Sole:** K2tog to eliminate stitch and gap. Then knit rest of sole stitches. Instep: Knit in pattern.

# Leg & Cuff

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Leg: Work to desired length working chart across front and back of sock now starting with the next row of chart after the last one done during the heel finishing.

Cuff: Work 12 rows as follows: p1, \*k2, p2\* repeat between \* to three stitches before end of side, ending k2, p1. Repeat for other side.

## Symbol Key

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	No symbol – Knit
•	Purl
○	Yarn Over
/	Knit 2 together
\	SSK: Slip two stitches knitwise, put them back on left needle, knit them together through the back loop

## Diamond Wave Pattern

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These directions are for half the sock. Work as written for instep of foot. On leg repeat for front and back of leg.

**Rows 1, 3, 5, 7, 8, 9, 11, 13, 15, 16:** P1, (k6, p2) 3 times, k6, p1.

**Row 2:** Work (p1, yo, k2, ssk, k2, p2, k2, k2tog, k2, yo, p1) twice.

**Row 4:** Work (p1, k1, yo, k2, ssk, k1, p2, k1, k2tog, k2, yo, k1, p1) twice.

**Row 6:** Work (p1, k2, yo, k2, ssk, p2, k2tog, k2, yo, k2, p1) twice.

**Row 10:** Work (p1, k2, k2tog, k2, yo, p2, yo, k2, ssk, k2, p1) twice.

**Row 12:** Work (p1, k1, k2tog, k2, yo, k1, p2, k1, yo, k2, ssk, k1, p1) twice.

**Row 14:** Work (p1, k2tog, k2, yo, k2, p2, k2, yo, k2, ssk, p1) twice.