

An easy tubular cowl that tracks the changing seasons of an entire year.

Yarn: Filcolana Arwetta (80% Superwash Wool, 20%

Nylon, 230 yards per 50g)

100 White379 Sprout812 Granite255 Limelight726 Jeans200 Daffodil270 Midnight365 Caledula202 Teal252 Shock Orange811 Caribbean Sea218 Chinese Red147 Hunter317 Cerise

809 Avocado

Needles: 3.0mm/US2.5 16"/40cm circular needle.

Gauge: 30 sts = 4"/10cm

Finished Measurements: 7½" wide x 37" circumference.

Other tools: stitch marker, darning needle, crochet cook, scrap yarn.

Provisional Cast On 112 sts (a tutorial can be found at: https://tinyurl.com/5yuabkkd). Use the scrap yarn for the crochet chain and the first day's colour to create the stitches.

Knit one complete round for each day using the corresponding colour for the daily temperature.

It is not necessary to break the yarn after each day. Consecutive days may use the same colour, or days close to each other, and the yarn can float on the inside of the cowl until it is needed again. Floats should not be longer than 4-5 rows.

Work in this manner until completing the second-to-last day. Turn the tube inside out and tie off all the ends. There is no need to weave them in. Turn the tube right side out again.

Unpick the crochet chain and put the exposed live stitches on a second circular needle (same needle size or slightly smaller).

Using the colour for the last day, and using a piece of yarn at least 45" long, graft the two ends together (a tutorial can be found at https://tinyurl.com/a6yuz88r). Be careful to match up the beginning of round on both ends.

Weave in your final end and gently block.

CHOOSING YOUR TEMPERATURE SCHEME

Before beginning any temperature project, you must first choose which temperature data you will be working with and decide on an interval and colour scheme.

Data Source

There are many places online that have current and historical weather data. We have used weatherstats.ca, which aggregates Environment Canada data for many locations and goes back decades.

Data Type

It is important to use the same data type for the entire set so that each day is equally compared to all the other days. We have chosen to use "Average Daily Temperature" and disregarded other influences such as windchill or humidex.

Intervals

The size of the temperature intervals (that is, the segment of temperatures that are allocated to each colour) will depend on the total number of colours available and the total range of temperatures for your location. This will take some figuring out. For our location (Cambridge), most Average Daily Temperatures fell between -14°C and 25°C. A few days were outside of these but they were rare. This temperature range covers 39° in total, which can be divided into thirteen intervals of 3° each. This gives us fifteen intervals in total: one for below the minimum, the thirteen 3° intervals, and one for above the maximum.

Most locations in Southern Canada or Northern USA will likely fit a similar scheme. If you are in an altogether colder location, you may want to shift the whole scheme a few degrees down. If you are in a more temperate location with a smaller range of temperatures, consider smaller intervals of 2.5°.

Prepared Data Sets for Cambridge for past years are available to download from our website (https://tinyurl.com/mt3mkd3p).

Choosing Colours

You will need a unique colour for each interval, and preferably a series of colours that span a gradient. Cool colours (blue, grey, white) for cold days and warm colours (orange, red, burgundy) for hot days will make your pattern visually recognizable. Try to find colours that are equally bright or vivid; avoid mixing in pale shades with bold shades.

We chose fifteen colours of Filcolana Arwetta, spanning white to fuchsia, which are listed at the top of this pattern. This set is available as a Yarn Pack from our website (https://tinyurl.com/mt3mkd3p), or the full range of Arwetta can be purchased individually.

Remember, there is no wrong way to make your temperature cowl, and every year and location will look different! Enjoy the uniqueness of your project and the special year that it will be a memento of.

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