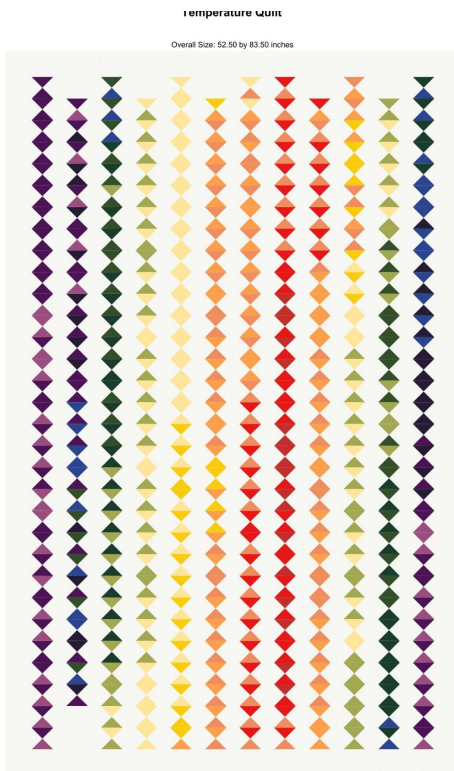




Quilt Israel

Temperature Quilt



I have wanted to make a temperature quilt for quite some time now. The thought of not knowing how it will come out until the year is over is really cool (or is it hot?) It's not a mystery quilt, where you have no idea what the quilt will look like, it's just that we leave it up to mother nature to paint it for us. The basic idea is that you use colors to represent different ranges of temperature for each day. There are 365 blocks (366 for leap years), one for each day of the year. Each block is made up of 3 colors - the low temperature color, the high temperature color, and the background color.

You don't have to be a slave to your quilt. You can do a quick internet search to find historical weather data. (That's right, yesterday is already history.)

Difficulty Level: Beginner
Finish Quilt Size: 53" x 83 ½"
Fabric shown: *Kona Cotton* by Robert Kaufman

Requirements:

Fabric requirements will vary from year to year. It's a safe bet that if you have ½ yard of each of the following fabrics, you'll be more than safe.

- **Quilt top fabric:**

Depending on your weather - ¼ to ½ yard of each of the following fabrics:

- Kona Cotton Geranium
- Kona Cotton Dark Violet
- Kona Cotton Midnight
- Kona Cotton Deep Blue
- Kona Cotton Forest
- Kona Cotton Basil
- Kona Cotton Lemon Ice
- Kona Cotton Canary
- Kona Cotton Goldfish
- Kona Cotton Mango
- Kona Cotton Pimento
- Kona Cotton Lipstick

For sashing and borders:

- 3 ½ yards Kona Cotton Snow

- **Batting: 60" x 92"**

- **Backing: 5 ¼ yards**

- **Binding: 1 yard**

- **General stuff:**

- Cutting mat
- Rotary cutter
- Ruler
- Thread
- Sewing Machine
- Sewing Machine Needles

Instructions:

There are 14 colors in this quilt, including the background, but you can decide on your own how many colors you would like to use. Each color is a corresponding temperature. These temperatures are for Israel, but if you live outside of Israel, you can change the temperature ranges to suit your climate:

5°C (41°F) and below Kona Cotton Geranium

6-8°C (42 - 47°F) Kona Cotton Dark Violet

9-10°C (48 - 51°F) Kona Cotton Midnight

11-13°C (52 - 55°F) Kona Cotton Deep Blue

14-15°C (56 - 59°F) Kona Cotton Forest

16-17°C (60 - 63°F) Kona Cotton Basil

18-19°C (64 - 66°F) Kona Cotton Lemon Ice

20 -21°C (67 - 70°F) Kona Cotton Canary

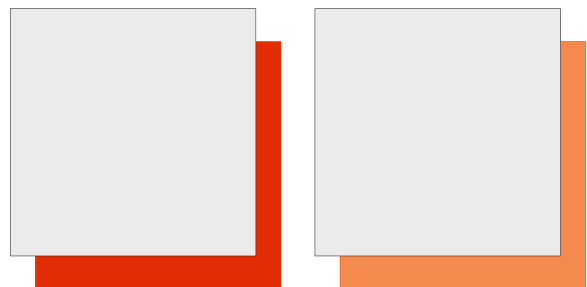
22-23°C (71 - 74°F) Kona Cotton Goldfish

24-26°C (75 - 79°F) Kona Cotton Mango

27-29°C (80 - 85°F) Kona Cotton Pimento

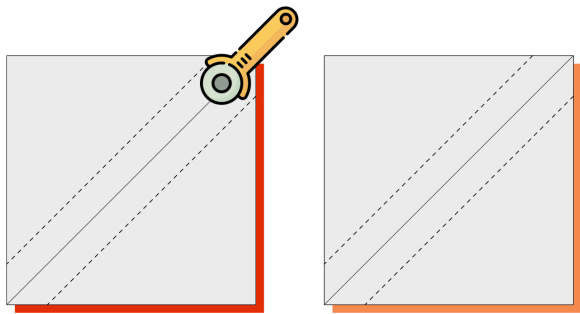
30°C (86°F) and above Kona Cotton Lipstick

For each block, we need 2 background squares and 2 colored squares. All squares are cut 3 ¾" squared.

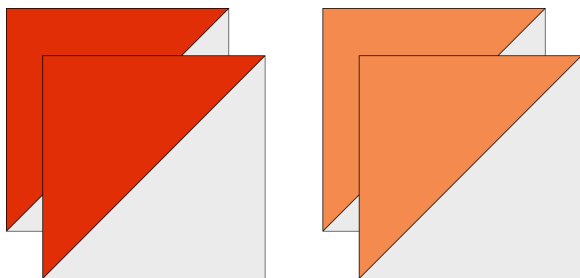


On the background blocks, mark a line diagonally from the top to the bottom.

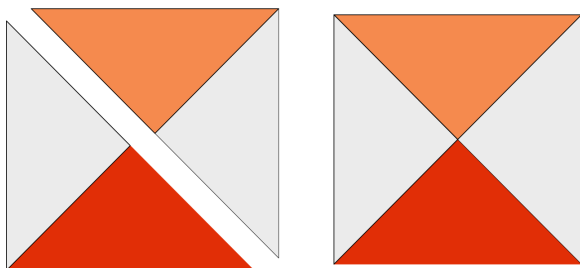
Stack each background square with a colored square and sew a quarter inch on each side of the drawn line.



Cut the block on the drawn line to make 2 half square triangles from each set of squares - 4 altogether. Set aside one of each for a future square.



Cut the remaining 2 HST diagonally. Take one of each color and sew them together on the diagonal edge.



Square up the block to 3" square

Check the weather every day and make a new hourglass block based on that day's high and low temperatures.

Add the new day to the bottom of a previous block, making sure to keep them in order.

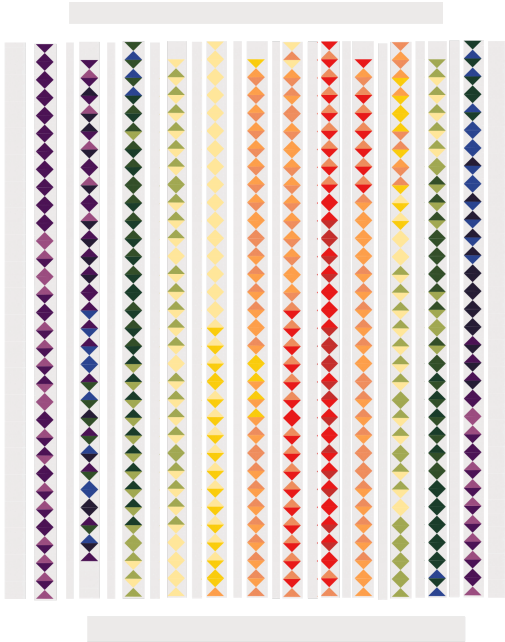
Tip: Place a safety pin on the top of the first block to make sure that you always add the new block to the correct side of the column. The new block should go on the side that does not have the safety pin.

After you have assembled all your months, add 3" squares to the top of columns for February, April, June, September, and November.

Add a 5 ½" x 3" square of background fabric to the bottom of the February column on non-leap years (3" square on leap years).

From the background fabric, cut 21 - 2" strips and join them together. Cut 11 - 78" strips for the sashing between each column.

Tip: Measure out your columns to make and cut the sashing strips to the average length. 78" is what it should be in a perfect world, but not every quarter-inch seam is exactly the same.



Sew together, alternating between block columns and sashing strips, starting with January and ending with December.

For the border, Cut 7 - 3 ½" strips. Sew them together and cut out 2 strips that are 78" long and 2 strips that are 53 ½" long.

Add the column borders and then add the top and bottom.

Make your quilt sandwich and quilt your quilt.

Cut 8 - 2 ½" strips for the binding or create a scrappy binding with the fabric left over from the temperature colors.