



Missouri Rivers

65" x 82"



Designed, pieced, and quilted by:
Phyllis Fay, Tucker University

MATERIALS:

2-5/8 yards Words White

3/4 yard Rivers Green

3/4 yard Rivers Blue

1/2 yard Rivers Orange

1 yard Blender Bedrock Sol

1-5/8 yards Words Charcoal, includes binding

5 yards of backing fabric

RECOMMENDED TOOLS:

Studio 180 Design's Tucker Trimmer® I, Quilter's Magic Wand, and Wing Clipper® I tools.

Studio 180 Design tools are required for making Missouri Rivers. The Tucker Trimmer® I, Quilter's Magic Wand, and Wing Clipper® I tools are required to complete this quilt. The pattern is written referring to the Studio 180 Design tools and instructions. Units will be constructed slightly oversized and trimmed to precision. Check out www.studio180design.net for video tutorials as well.

BEFORE SEWING, READ ALL INSTRUCTIONS. ALL SEAMS ARE 1/4" UNLESS OTHERWISE STATED. CUTTING INSTRUCTIONS ARE BASED ON 40" WOF. WOF = WIDTH OF FABRIC; RST = RIGHT SIDES TOGETHER

CUTTING:

From Words White Fabric:

Cut [3] — 5-1/2" × WOF strips

Subcut [18] — 5-1/2" squares

Cut [6] — 3" × WOF strips

Subcut [72] — 3" squares

Cut [5] — 3" × WOF strips

Cut [2] — 18-1/2" × WOF strips

Subcut [3] — 18-1/2" squares; subcut twice on the diagonal for the side setting triangles

Subcut [2] — 10" squares; subcut once on the diagonal for the corner triangles

From Rivers Green Fabric:

Cut [2] — 3" × WOF strips

Subcut [24] — 3" squares

Cut [1] — 5-1/2" × WOF strips

Subcut [6] — 5-1/2" squares

Cut [6] — 2" × WOF strips

From Rivers Blue Fabric:

Cut [4] — 3" × WOF strips

Subcut [48] — 3" squares

Cut [2] — 5-1/2" × WOF strips

Subcut [12] — 5-1/2" squares

From Rivers Orange Fabric:

Cut [8] — 2" × WOF strips

From Blender Bedrock Sol Fabric:

Cut [3] — 4-1/2" × WOF strips

Subcut [18] — 4-1/2" squares

Cut [7] — 2-1/2" × WOF strips, inner border

From Words Charcoal Fabric:

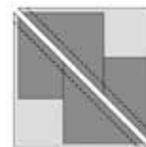
Cut [8] — 4-1/2" × WOF strips, outer border

Cut [8] — 2-1/4" × WOF strips, binding

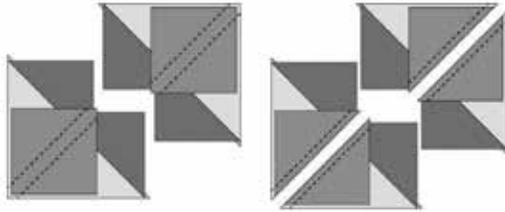
BLOCK ASSEMBLY:

Flying Geese Units:

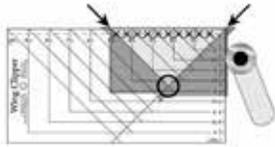
1. Using the Quilter's Magic Wand, mark the stitching lines on the wrong side of the 3" Rivers Green squares. Place the etched line of the Quilter's Magic Wand on opposite corners of the 3" square. Draw a stitching line on each side of the Quilter's Magic Wand.
2. Position a small square in opposite corners of the Words White 5-1/2" square, nudging the small squares in from the raw edges by a thread or two. The small squares will overlap in the center.
3. Stitch on each stitching line. Cut the unit apart between the stitching lines. Press toward the small triangles.



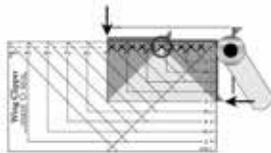
4. Position a small square in the corner of the unit, nudging the small square in from the raw edges by a thread or two.
5. Stitch on each stitching line. Cut the unit apart between the stitching lines. Press toward the small triangles. **Note:** If you do not have the Quilters Magic Wand, draw a diagonal line from corner to corner and then draw lines 1/4" from that line on both sides.



- The Flying Geese unit are slightly oversized and require trimming. Place the unit on the cutting mat so the nose of the goose is pointed toward you.
- Position the Wing Clipper on the unit aligning the common diagonal line on the seam line and placing the nose of the goose in the intersection of the common diagonal line and the appropriate sizing line. There should be a small amount of fabric beyond the edges of the Wing Clipper. Trim [2] sides of the unit.



- Rotate the unit 180° so that the nose of the unit is now pointing away from you. Position the Wing Clipper on the unit aligning the bold X at the top of the tool on the nose of the goose. Align the guidelines on the seam lines and the sizing guidelines on the previous cut lines. Trim [2] sides. Make [24] units measuring 2-1/2" x 4-1/2".



- Repeat Steps 1-8 using Rivers Green 5-1/2" squares and Words White 3" squares. Make a total of [24] units.
- Repeat Steps 1-8 using the Words White 5-1/2" squares and the Rivers Blue 3" squares. Make [48] units.
- Repeat Steps 1-8 using the Rivers Blue 5-1/2" squares and the Words White 3" squares. Make [48] units.
- Stitch together a set of Flying Geese of the same color way to create a chevron. Press the seam open or in the direction as shown by the arrow. These should measure 4-1/2" square.



Make [24] units



Make [48] units

Construct the Corner Units

- Stitch together a Words White 3" strip and Rivers Green 2" strip along the long edge. Press toward the dark.
- Subcut the strip set into 3" segments. Repeat for a total of [32] segments.
- Subcut the remaining Rivers Green 2" strips into [32] - 2" x 4-1/2" rectangles.
- Stitch a 2" x 4-1/2" rectangle to a previous pieced unit be careful of the orientation of the final unit. Press toward the Rivers Green fabric.
- Repeat Steps 1-4 using the Words White and the Rivers Orange fabrics. Make [40] units measuring 4-1/4" units.



Make [32] units



Make [40] units

Block Units

- Assemble each block in horizontal rows. Top and bottom rows will each consist of a Corner Unit, a pair of Flying Geese and a Corner Unit. Center Row will consist of a pair of Flying Geese, a 4-1/2" square, and a pair of Flying Geese.

Note: For the first block pictured, make [2] exactly as pictured. Make [2] with the Orange unit on the bottom left corner. Blocks will measure 12-1/2" square.



Make 4



Make 4



Make 6



Make 2



Make 2

QUILT TOP ASSEMBLY:

1. Lay out the blocks and setting triangles according to the layout diagram. The quilt will be stitched in DIAGONAL rows.
2. Attach the Side Setting Triangles to designated rows. Pay close attention to the orientation of the triangles.
3. Attach the Corner Triangles to the designated rows.
4. Stitch each row together.



FINISHING:

1. Layer batting between quilt top and backing.
2. Quilt as desired.
3. Add binding.
4. Label & Enjoy!



BORDER ASSEMBLY:

1. Sew all the inner border strips together. Measure the quilt top to bottom and cut [2] strips this length. Sew the strips to sides. Measure across the width of the quilt. Cut [2] borders this measurement and sew to top and bottom.
2. Repeat the border process with the outer border.

Phyllis Fay



Phyllis is a co-author of Tucker University, along with her business partner, Beth Sidley. Together, Phyllis and Beth utilized their teaching and shop owner experience to create turnkey curriculum for other instructors. This allows easy access to Studio 180 Design tools and techniques. The Tucker University BOM programs are extremely popular and have been crafted to allow quilters to build their piecing and design skills. Join Phyllis and Beth for classes at www.tuckeruniversity.net.