

| Home Team | Result | Away Team | Date | Time | Status |
|-----------------------|---------------|-----------------------|---------------|-------------|---------------|
| Crusaders Blackburn B | 0 - 5 | Burnley A | Thu 26 Sep 19 | 19:30 | OU |
| Burnley A | 3½ - 1½ | Burnley B | Thu 10 Oct 19 | 19:30 | OU |
| Crusaders Blackburn A | ½ - 4½ | Burnley A | Thu 24 Oct 19 | 19:30 | OV |
| Burnley A | 2 - 3 | Great Harwood A | Thu 7 Nov 19 | 19:30 | OV |
| Great Harwood B | ½ - 4½ | Burnley A | Tue 12 Nov 19 | 19:30 | OU |
| Burnley A | 4 - 1 | Rossendale A | Thu 21 Nov 19 | 19:30 | OU |
| Clitheroe A | 0 - 5 | Burnley A | Tue 7 Jan 20 | 19:30 | OU |
| Burnley A | 4½ - ½ | Crusaders Blackburn A | Thu 16 Jan 20 | 19:30 | OU |
| Burnley B | 1 - 4 | Burnley A | Thu 23 Jan 20 | 19:30 | OU |
| Burnley A | 4½ - ½ | Crusaders Blackburn B | Thu 13 Feb 20 | 19:30 | OV |
| Great Harwood A | 2½ - 2½ | Burnley A | Tue 18 Feb 20 | 19:30 | OU |
| Burnley A | 4½ - ½ | Great Harwood B | Thu 12 Mar 20 | 19:30 | OU |
| Rossendale A | 0 - 0 | Burnley A | Thu 31 Dec 20 | 19:30 | OU |
| Burnley A | 0 - 0 | Clitheroe A | Thu 31 Dec 20 | 19:30 | OU |