

| 1986/87 | H/A | OPPONENTS | F-A | R | ATT | SCORERS | GK | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Sub |
|---------|-----|----------------------|-----|---|-----|--|--------|------------|----------|-----------|------------|-----------|----------|-----------|-----------|------------|-----------|----------------|
| 16-Aug | H | HYDE UNITED | 1-2 | L | 254 | Thornton | Evans | M.Jones | Teale | Naden | Sturgeon | King | Lodge | Shaw | Coleman | Thornton | Jackson | Donnelly (11) |
| 20-Aug | A | RHYL | 0-0 | D | 456 | | Evans | M.Jones | Teale | Naden | Carr | Owens | Lodge | King | Coleman | Thornton | Sturgeon | Donnelly (5) |
| 23-Aug | A | GOOLE TOWN | 3-0 | W | 286 | Thornton, Sturgeon, Owens | Evans | Jackson | Teale | Naden | Twentyman | Owens | Lodge | King | Coleman | Thornton | Sturgeon | Donnelly (2) |
| 25-Aug | H | HORWICH RMI | 1-1 | D | 283 | Coleman | Evans | M.Jones | Teale | Naden | Twentyman | Owens | Lodge | King | Coleman | Thornton | Sturgeon | Shaw (6) |
| 30-Aug | A | MOSSLEY | 0-2 | L | 340 | | Evans | McCormack | Teale | Jackson | McFerran | Owens | Lodge | King | Coleman | Thornton | Sturgeon | Byrne (9) |
| 02-Sep | H | BARROW | 2-0 | W | 230 | Thornton, Flanagan | Evans | King | McFerran | Sturgeon | Teale | Owens | Lodge | McCormack | Coleman | Thornton | Flanagan | Shaw |
| 06-Sep | H | WITTON ALBION | 4-2 | W | 289 | Sturgeon, McCormack, Lodge, Coleman(pen) | Davies | King | Teale | Sturgeon | Carr | Owens | Lodge | McCormack | McCormack | Thornton | Flanagan | Coleman (2) |
| 09-Sep | A | MORECAMBE | 0-1 | L | 432 | | Davies | M.Jones | Teale | McFerran | Sturgeon | Owens | Lodge | King | McCormack | Thornton | Flanagan | Jackson |
| 20-Sep | A | MATLOCK TOWN | 1-0 | W | 337 | Lodge | Evans | M.Jones | McFerran | Sturgeon | Fitzharris | Owens | Lodge | King | Donnelly | Thornton | Flanagan | McCormack (5) |
| 04-Oct | H | MATLOCK TOWN | 0-1 | L | 353 | | Evans | Reid | King | Naden | Sturgeon | Owens | Lodge | Donnelly | Coleman | Thornton | Quinn | Shaw |
| 08-Oct | A | WORKINGTON | 3-3 | D | 220 | Coleman(2), Sturgeon | Evans | Reid | King | Naden | Sturgeon | McCormack | Lodge | D.Jones | Coleman | Thornton | Quinn | Flanagan |
| 18-Oct | A | GAINSBOROUGH TRINITY | 2-1 | W | 218 | Coleman, Quinn | Davies | Reid | King | Naden | Sturgeon | Carr | Shaw | McFerran | Coleman | Rimmer | Quinn | Thornton (7) |
| 28-Oct | H | SOUTH LIVERPOOL | 2-0 | W | 372 | Coleman, King(pen) | Davies | Reid | King | Naden | Sturgeon | Owens | Lodge | Carr | Coleman | Thornton | McCormack | Rimmer (6) |
| 01-Nov | A | HYDE UNITED | 2-0 | W | 413 | Coleman, Rimmer | Davies | Reid | King | Naden | Sturgeon | Carr | Lodge | McCormack | Coleman | Thornton | McCormack | Rimmer (10) |
| 05-Nov | H | CAERNARFON TOWN | 1-2 | L | 302 | McCormack | Davies | Reid | King | Naden | Sturgeon | Carr | Lodge | McCormack | Coleman | Rimmer | McCormack | M.Jones (11) |
| 08-Nov | H | OSWESTRY TOWN | 2-1 | W | 323 | Coleman, McCormack | Davies | Reid | King | Naden | Sturgeon | Carr | Lodge | McCormack | Coleman | Thornton | McCormack | Rimmer (10) |
| 02-Dec | H | MOSSLEY | 2-1 | W | 303 | Lodge, King(pen) | Davies | Reid | King | Carr | M.Jones | Owens | Lodge | McCormack | Coleman | Kelly | Thornton | Teale (4) |
| 06-Dec | A | BURTON ALBION | 3-4 | L | 572 | Coleman(2), Owens | Davies | Reid | King | M.Jones | D.Jones | Owens | Lodge | McCormack | Coleman | Kelly | Teale | Rimmer (10) |
| 09-Dec | A | BARROW | 1-2 | L | 256 | Coleman | Davies | Reid | King | M.Jones | Carr | Owens | Lodge | McCormack | Coleman | Teale | Quinn | Thornton (11) |
| 26-Dec | H | MARINE | 3-1 | W | 558 | Rimmer, Coleman, Grant | Davies | Reid | King | McCormack | M.Jones | Teale | Lodge | Carr | Coleman | Rimmer | Grant | Kelly |
| 27-Dec | A | CAERNARFON TOWN | 1-1 | D | 501 | McCormack | Davies | Reid | King | McCormack | M.Jones | Teale | Lodge | Carr | Coleman | Rimmer | Grant | Kelly (11) |
| 01-Jan | A | HORWICH RMI | 3-2 | W | 319 | McCormack, Coleman(2) | Davies | Reid | King | McCormack | M.Jones | Teale | Lodge | Carr | Coleman | Rimmer | Grant | Quinn (11) |
| 03-Jan | H | MACCLESFIELD TOWN | 1-1 | D | 470 | Quinn | Davies | Reid | King | M.Jones | Teale | Sturgeon | Lodge | Quinn | Coleman | Grant | Rimmer | Kelly (10) |
| 07-Jan | A | WORKSOP TOWN | 2-2 | D | 219 | Grant(2) | Davies | Reid | King | M.Jones | Teale | Sturgeon | Lodge | Rimmer | Coleman | Grant | Quinn | McCormack (8) |
| 23-Jan | H | WORKSOP TOWN | 2-0 | W | 270 | McCormack, Owens | Davies | Reid | King | M.Jones | Sturgeon | Carr | Lodge | McCormack | Coleman | Grant | Owens | Quinn (9) |
| 03-Feb | H | WORKINGTON | 1-1 | D | 208 | Coleman | Davies | Reid | King | M.Jones | Sturgeon | Kelly | Lodge | McCormack | Coleman | Rimmer | Quinn | Grant (4) |
| 21-Feb | A | BANGOR CITY | 1-0 | W | 615 | Page | Davies | Reid | King | M.Jones | Carr | Owens | Sturgeon | McCormack | Coleman | Page | Quinn | Rimmer (8) |
| 28-Feb | A | BUXTON | 3-1 | W | 376 | Coleman(2), McCormack | Davies | M.Jones | King | Waring | Sturgeon | Owens | Lodge | McCormack | Coleman | Kelly | Page | Rimmer |
| 07-Mar | H | RHYL | 4-0 | W | 252 | ap Iorwerth(og), Grant, Page, Coleman | Davies | M.Jones | King | Waring | Sturgeon | Owens | Lodge | Grant | Coleman | Page | Kelly | McCormack (4) |
| 21-Mar | A | MACCLESFIELD TOWN | 1-2 | L | 417 | King(pen) | Davies | M.Jones | King | Carr | Sturgeon | Owens | Lodge | Quinn | Coleman | Page | Kelly | McCormack (10) |
| 28-Mar | A | SOUTH LIVERPOOL | 2-4 | L | 193 | Lodge, Coleman | Davies | M.Jones | King | Owens | Sturgeon | Naden | Lodge | Quinn | Coleman | Carr | Kelly | Bell (4) |
| 30-Mar | A | CHORLEY | 0-3 | L | 365 | | Davies | M.Jones | Waring | Rimmer | Sturgeon | Owens | Lodge | Grant | Coleman | Quinn | Kelly | Bell (3) |
| 04-Apr | H | GOOLE TOWN | 0-0 | D | 265 | | Davies | Kelly | King | Carr | Sturgeon | Burns | Lodge | McCormack | Coleman | Quinn | M.Jones | Grant (10) |
| 11-Apr | H | CHORLEY | 2-2 | D | 372 | Coleman, Grant | Davies | M.Jones | King | Carr | Owens | Burns | Lodge | Grant | Coleman | Quinn | Kelly | Waring (10) |
| 14-Apr | A | WITTON ALBION | 0-1 | L | 302 | | Davies | M.Jones | King | Waring | Burns | Owens | Lodge | Grant | Coleman | Carr | Kelly | Quinn (9) |
| 18-Apr | H | BANGOR CITY | 0-1 | L | 465 | | Davies | M.Jones | King | Carr | Welsh | Owens | Lodge | Kelly | McCormack | Donnelly | Waring | Grant (6) |
| 20-Apr | A | MARINE | 0-0 | D | 407 | | Davies | M.Jones | King | Welsh | Sturgeon | Waring | Lodge | Carr | Coleman | Grant | Kelly | Burns (9) |
| 22-Apr | H | GAINSBOROUGH TRINITY | 3-2 | W | 188 | Grant, Waring, Quinn | Davies | Sturgeon | King | Carr | M.Jones | Waring | Lodge | Burns | Quinn | Grant | Kelly | McCormack (9) |
| 25-Apr | A | OSWESTRY TOWN | 3-0 | W | 184 | McCormack, Grant, Coleman(pen) | Davies | Kelly | King | M.Jones | Carr | Waring | Lodge | Burns | Coleman | McCormack | Sturgeon | Grant (7) |
| 27-Apr | H | MORECAMBE | 2-2 | D | 379 | Coleman(2) | Davies | Fitzharris | King | Waring | Sturgeon | Owens | Quinn | Rimmer | Coleman | Hallwell | Kelly | Burns (2) |
| 01-May | H | BURTON ALBION | 2-0 | W | 249 | Coleman, McCormack | Davies | M.Jones | King | Carr | Sturgeon | Owens | Waring | McCormack | Coleman | Fitzharris | Kelly | Burns (5) |
| 02-May | H | BUXTON | 1-0 | W | 244 | Coleman | Davies | Owens | King | Carr | Sturgeon | Burns | Waring | McCormack | Coleman | Fitzharris | Kelly | Quinn (7) |