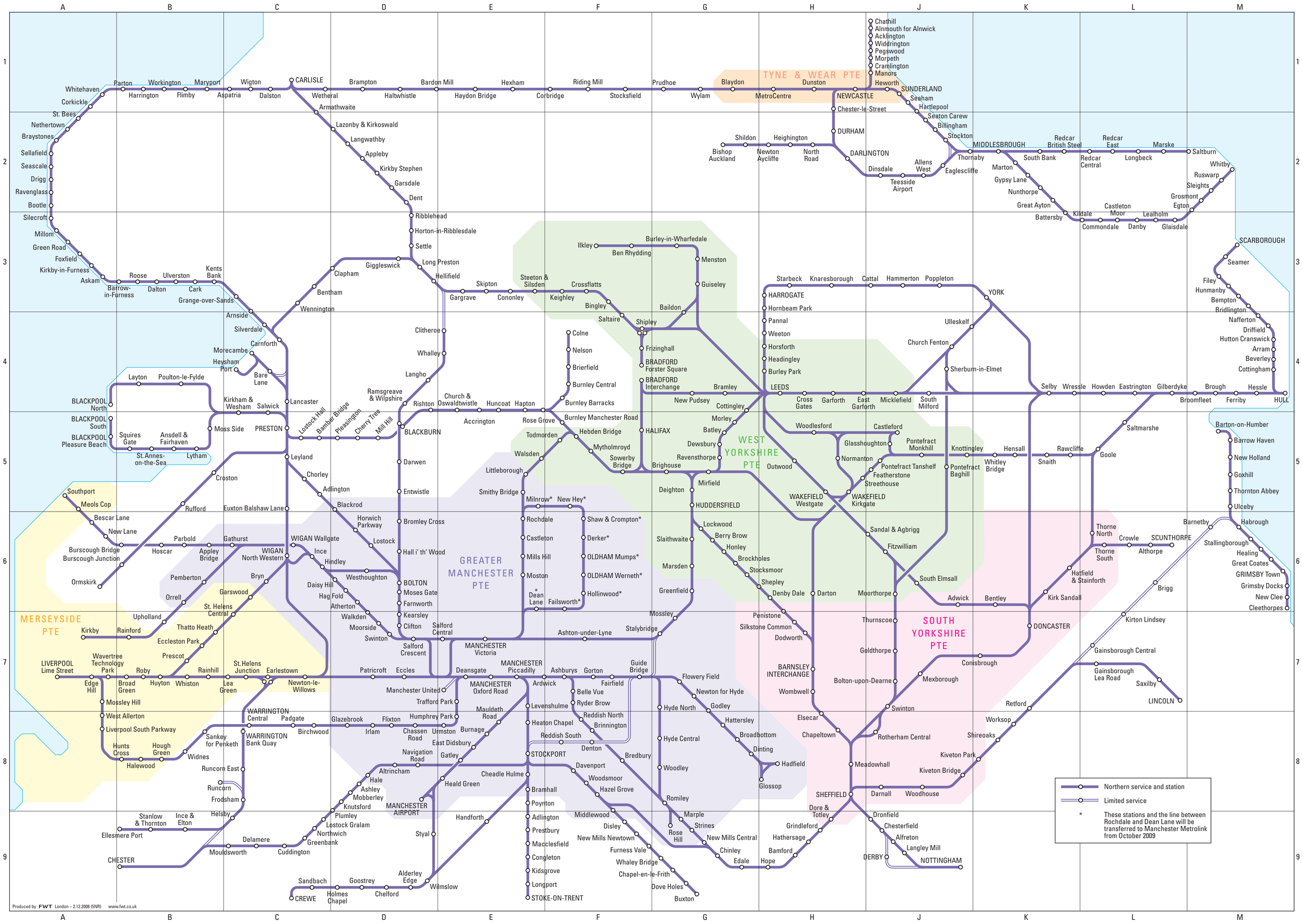Northern Network Map